

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091924\
 Data File : BF139491.D
 Acq On : 20 Sep 2024 04:25
 Operator : RC/JU
 Sample : P4103-07
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-14-5-7.5B

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 3 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF139491.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.181	9	15	22	rVB	787325	1201111	30.56%	1.719%
2	2.328	22	40	46	rBV	65571	164493	4.18%	0.235%
3	3.152	170	180	184	rBV	23135	53652	1.36%	0.077%
4	3.616	245	259	266	rBV	69582	145869	3.71%	0.209%
5	3.752	271	282	288	rBV	78848	152145	3.87%	0.218%
6	3.822	288	294	305	rVB	33826	61771	1.57%	0.088%
7	3.934	305	313	322	rBV3	60110	149662	3.81%	0.214%
8	4.075	329	337	343	rVB	79206	144531	3.68%	0.207%
9	4.216	353	361	366	rBV	79397	127138	3.23%	0.182%
10	4.528	409	414	422	rVB2	28472	55236	1.41%	0.079%
11	5.022	490	498	506	rBV2	65067	136068	3.46%	0.195%
12	5.099	506	511	518	rVV	99427	141846	3.61%	0.203%
13	5.293	539	544	547	rBV2	42166	64606	1.64%	0.092%
14	5.375	554	558	560	rBV	76522	104273	2.65%	0.149%
15	5.399	560	562	567	rVB	86794	101097	2.57%	0.145%
16	5.499	567	579	584	rBV	1338615	1918121	48.80%	2.745%
17	5.946	651	655	663	rBV2	38189	67225	1.71%	0.096%
18	6.028	663	669	675	rBV3	43051	97219	2.47%	0.139%
19	6.128	681	686	692	rBV2	97268	173594	4.42%	0.248%
20	6.316	712	718	719	rBV2	67987	97084	2.47%	0.139%
21	6.369	724	727	731	rVV	122987	184366	4.69%	0.264%
22	6.404	731	733	740	rVV2	116478	175808	4.47%	0.252%
23	6.463	740	743	745	rVV	87338	99583	2.53%	0.143%
24	6.504	745	750	756	rVV	1344924	1834355	46.66%	2.625%
25	6.557	756	759	765	rVB3	56765	88074	2.24%	0.126%
26	6.616	765	769	773	rBV4	59033	111681	2.84%	0.160%
27	6.657	773	776	781	rVB3	47422	80362	2.04%	0.115%
28	6.710	781	785	792	rBV5	50346	108805	2.77%	0.156%
29	6.834	796	806	809	rBV2	68965	194018	4.94%	0.278%
30	6.881	809	814	819	rVB2	536986	784198	19.95%	1.122%
31	6.934	819	823	826	rBV2	56181	67086	1.71%	0.096%
32	6.993	826	833	835	rBV4	66699	126449	3.22%	0.181%
33	7.022	835	838	842	rVV3	176144	233898	5.95%	0.335%
34	7.057	842	844	849	rVB2	81023	79626	2.03%	0.114%
35	7.151	849	860	863	rBV2	239537	513225	13.06%	0.735%
36	7.210	863	870	875	rVB3	205169	515792	13.12%	0.738%

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 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	7.269	875	880	884	rBV2	273338	442659	11.26%	0.634%
38	7.346	890	893	897	rBV4	35819	58976	1.50%	0.084%
39	7.410	898	904	906	rVV2	408046	631621	16.07%	0.904%
40	7.440	906	909	918	rVB	967564	1419942	36.12%	2.032%

41	7.522	918	923	927	rBV4	274058	435313	11.07%	0.623%
42	7.581	927	933	937	rBV4	199052	385737	9.81%	0.552%
43	7.651	937	945	948	rBV4	267757	508198	12.93%	0.727%
44	7.681	948	950	959	rVB5	208954	331215	8.43%	0.474%
45	7.781	959	967	969	rBV3	329653	741951	18.87%	1.062%

46	7.840	973	977	980	rVV2	337370	499548	12.71%	0.715%
47	7.875	980	983	984	rVV3	205728	214087	5.45%	0.306%
48	7.904	984	988	993	rVV4	458274	776779	19.76%	1.112%
49	7.951	993	996	998	rVV	168289	186967	4.76%	0.268%
50	7.975	998	1000	1006	rVB4	205064	269269	6.85%	0.385%

51	8.028	1006	1009	1013	rBV3	196811	274748	6.99%	0.393%
52	8.116	1018	1024	1025	rBV4	264907	466228	11.86%	0.667%
53	8.157	1026	1031	1037	rVV3	688204	1637286	41.65%	2.343%
54	8.216	1037	1041	1045	rVV2	979698	1499839	38.15%	2.147%
55	8.245	1045	1046	1054	rVB5	305611	434842	11.06%	0.622%

56	8.316	1054	1058	1059	rBV3	170715	213585	5.43%	0.306%
57	8.357	1062	1065	1069	rVB2	306097	393570	10.01%	0.563%
58	8.451	1076	1081	1087	rBV6	628429	1051651	26.75%	1.505%
59	8.504	1087	1090	1093	rBV3	233429	237438	6.04%	0.340%
60	8.540	1093	1096	1099	rBV2	407331	471203	11.99%	0.674%

61	8.581	1099	1103	1109	rBV	1181899	1693927	43.09%	2.424%
62	8.669	1114	1118	1121	rBV	490758	675160	17.18%	0.966%
63	8.751	1129	1132	1136	rBV3	253385	414037	10.53%	0.593%
64	8.845	1146	1148	1151	rVB2	395506	386035	9.82%	0.553%
65	8.875	1151	1153	1156	rVB	425966	411702	10.47%	0.589%

66	8.910	1156	1159	1161	rBV2	170568	175898	4.47%	0.252%
67	8.981	1161	1171	1177	rBV3	1166842	2592949	65.96%	3.711%
68	9.157	1198	1201	1202	rBV2	243384	275764	7.02%	0.395%
69	9.181	1202	1205	1210	rVV2	1414053	1874232	47.68%	2.682%
70	9.234	1210	1214	1219	rVB	1298549	1636562	41.63%	2.342%

71	9.316	1224	1228	1232	rBV3	614349	1088887	27.70%	1.558%
72	9.434	1245	1248	1253	rVB	502179	650603	16.55%	0.931%
73	9.504	1255	1260	1264	rVB	1205074	1794756	45.66%	2.569%
74	9.575	1265	1272	1275	rBV2	1653297	2949091	75.02%	4.221%
75	9.634	1279	1282	1286	rVV3	2103928	3075861	78.25%	4.402%

76	9.692	1289	1292	1297	rVB2	632449	829764	21.11%	1.188%
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77	9.781	1303	1307	1311	rBV2	572560	811483	20.64%	1.161%
78	9.828	1312	1315	1318	rVB4	433294	531880	13.53%	0.761%
79	9.910	1323	1329	1333	rVV4	522369	1096860	27.90%	1.570%
80	10.022	1344	1348	1352	rVB	824004	1067266	27.15%	1.528%
81	10.069	1352	1356	1359	rBV5	346984	627342	15.96%	0.898%
82	10.116	1360	1364	1368	rVB2	958097	1454694	37.01%	2.082%
83	10.163	1368	1372	1380	rVB4	1158533	2242196	57.04%	3.209%
84	10.234	1380	1384	1387	rBV	778102	1184314	30.13%	1.695%
85	10.322	1396	1399	1405	rBV3	582214	1041553	26.50%	1.491%
86	10.457	1418	1422	1425	rBV4	485095	870978	22.16%	1.247%
87	10.563	1436	1440	1445	rVB	1626858	2570197	65.38%	3.679%
88	10.704	1461	1464	1467	rVB2	553732	607194	15.45%	0.869%
89	10.834	1481	1486	1492	rVB	2769816	3930919	100.00%	5.626%
90	11.039	1518	1521	1528	rVB5	530332	680576	17.31%	0.974%
91	11.292	1560	1564	1571	rVB	1362821	2107121	53.60%	3.016%
92	11.404	1579	1583	1585	rBV	448383	628403	15.99%	0.899%
93	11.639	1620	1623	1632	rVB4	450506	782951	19.92%	1.121%
94	11.904	1665	1668	1670	rBV	222136	292153	7.43%	0.418%
95	12.375	1745	1748	1756	rVB2	259654	456468	11.61%	0.653%
96	12.451	1757	1761	1764	rBV	240466	324266	8.25%	0.464%
97	12.892	1834	1836	1841	rVB	105582	124128	3.16%	0.178%
98	12.980	1846	1851	1859	rVB	884187	1233862	31.39%	1.766%
99	14.033	2025	2030	2037	rVB	277660	387588	9.86%	0.555%
100	15.498	2274	2279	2289	rVB	214609	353148	8.98%	0.505%

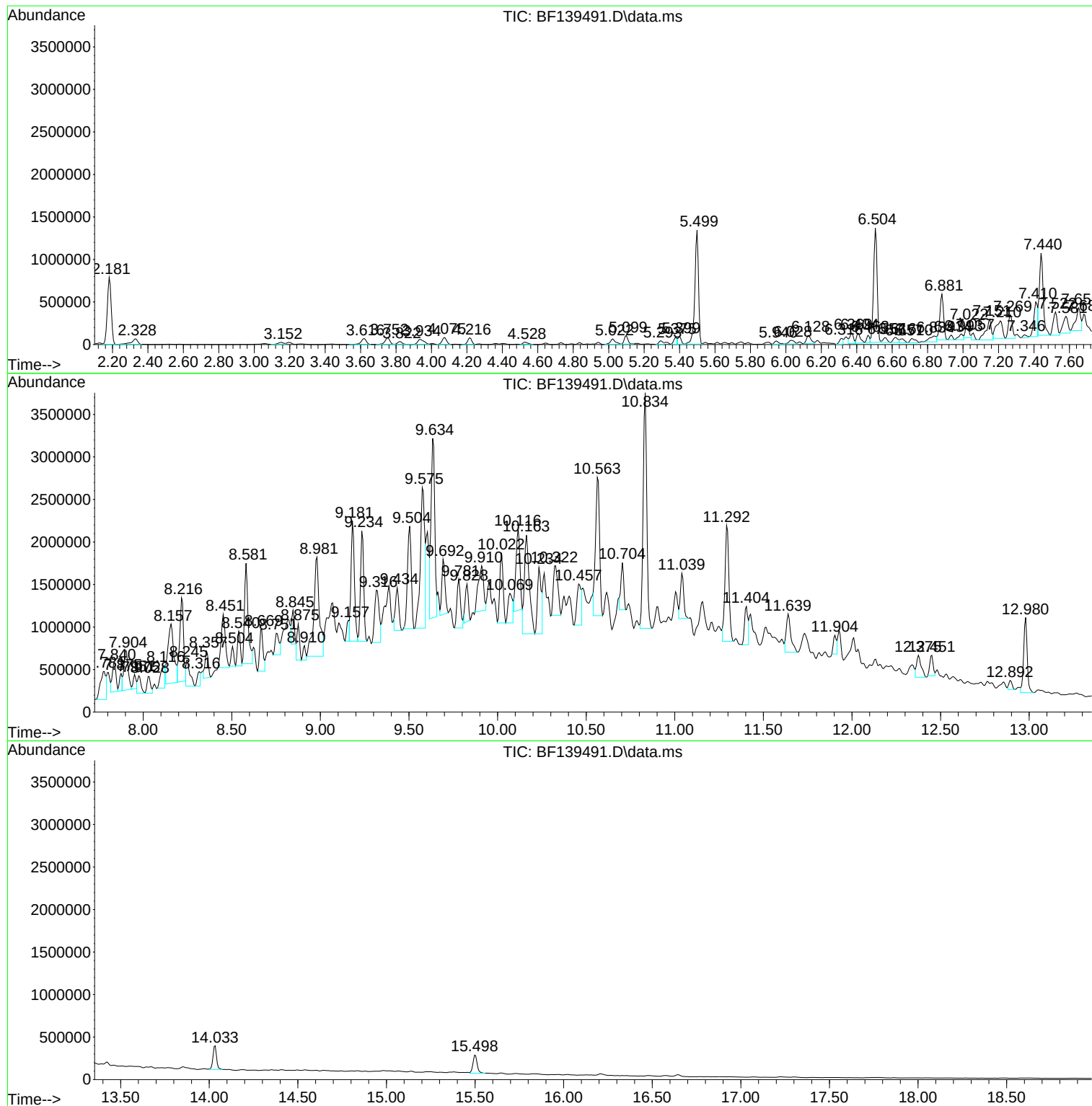
Sum of corrected areas: 69869487

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



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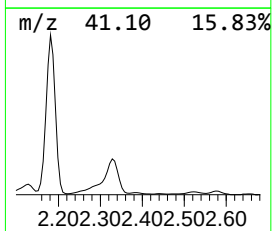
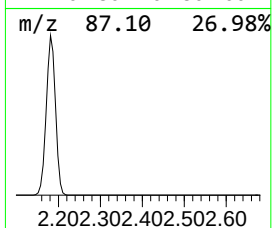
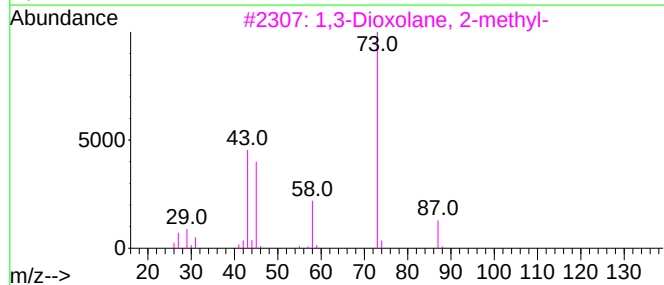
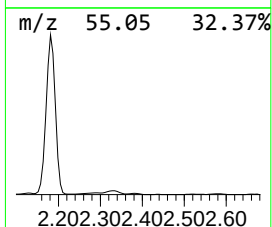
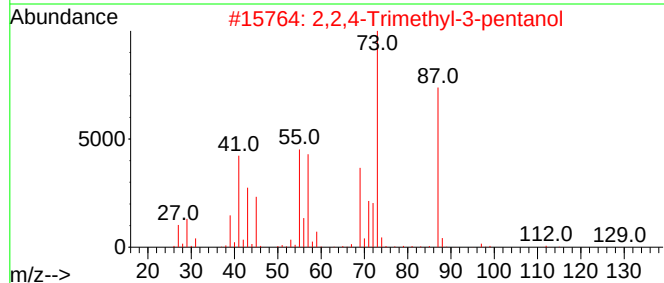
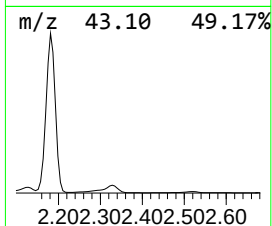
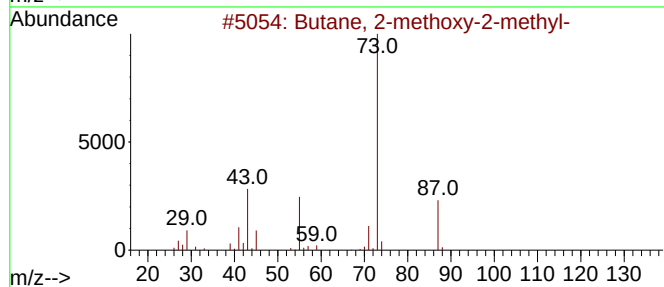
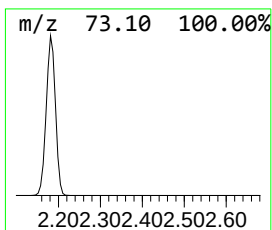
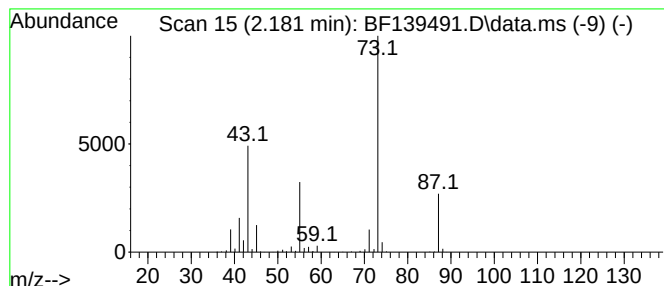
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.181	30.63 ng	1201110	1,4-Dichlorobenzene-d4	6.875

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2			2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3			1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	23
4			Silane, tetramethyl-	88	C4H12Si	000075-76-3	17
5			Borane, dimethoxy-	74	C2H7BO2	004542-61-4	9



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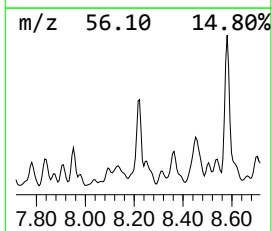
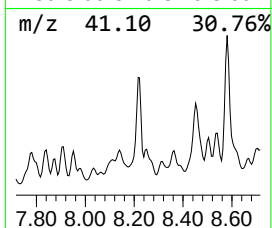
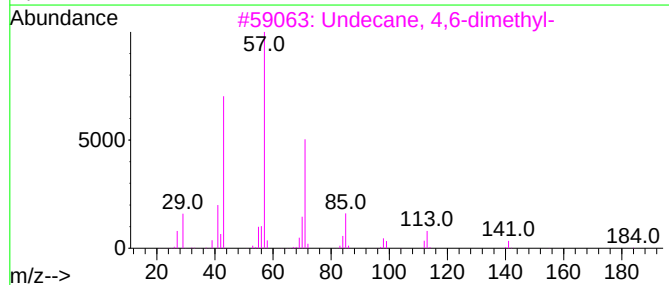
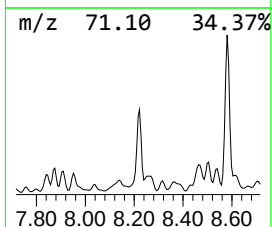
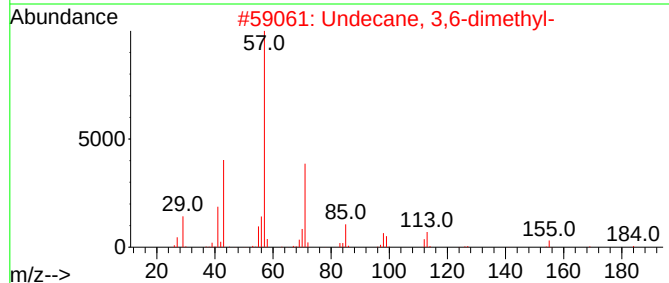
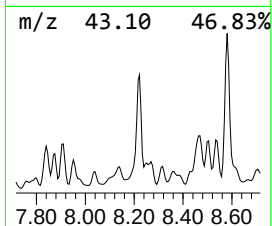
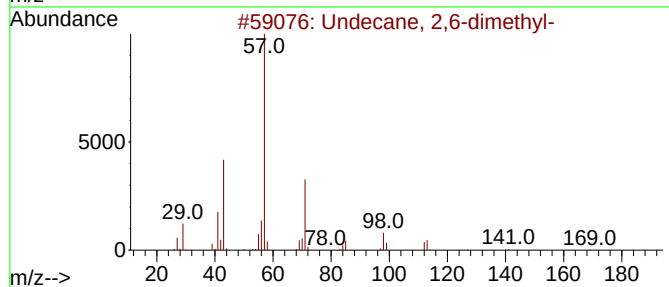
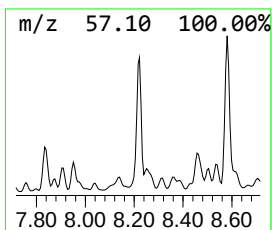
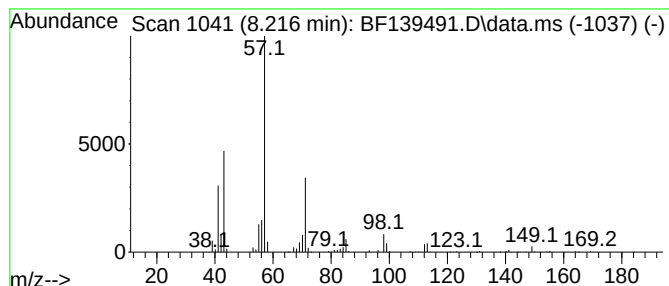
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Undecane, 2,6-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.216	18.32 ng	1499840	Naphthalene-d8	8.163

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	95	
2	Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	83	
3	Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	72	
4	Decane, 2,5,9-trimethyl-	184	C13H28	062108-22-9	64	
5	Undecane, 3,5-dimethyl-	184	C13H28	017312-81-1	64	



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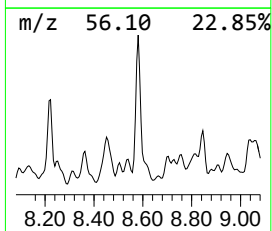
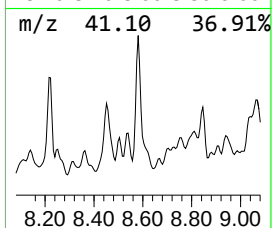
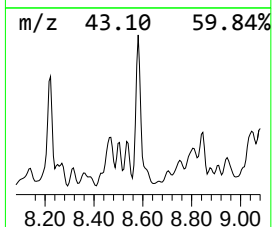
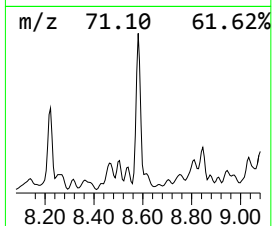
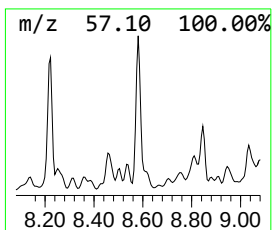
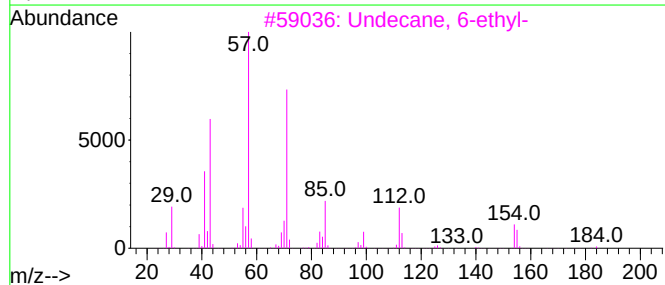
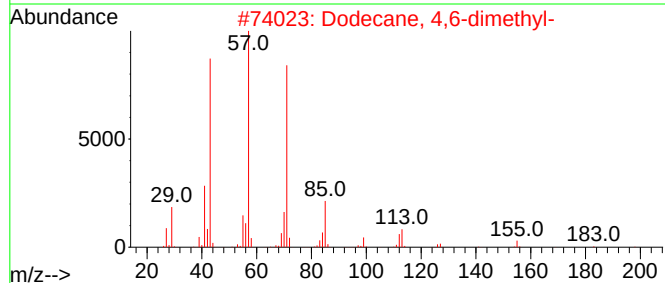
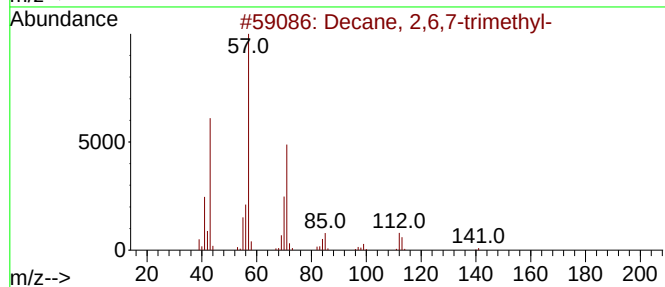
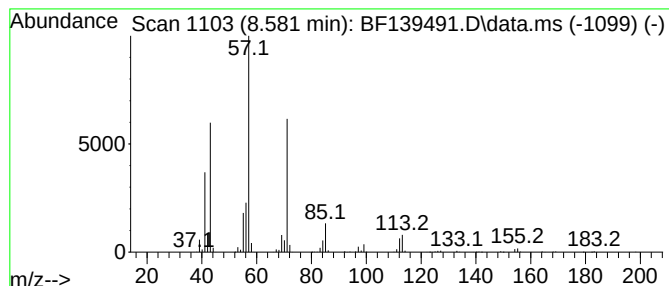
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Decane, 2,6,7-trimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.581	20.69 ng	1693930	Naphthalene-d8	8.163

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 2,6,7-trimethyl-	184	C13H28	062108-25-2	78
2			Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	76
3			Undecane, 6-ethyl-	184	C13H28	017312-60-6	72
4			Sulfurous acid, dodecyl 2-ethylh...	362	C20H42O3S	1000309-19-5	72
5			Sulfurous acid, 2-ethylhexyl und...	348	C19H40O3S	1000309-19-4	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091924\
Data File : BF139491.D
Acq On : 20 Sep 2024 04:25
Operator : RC/JU
Sample : P4103-07
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-14-5-7.5B

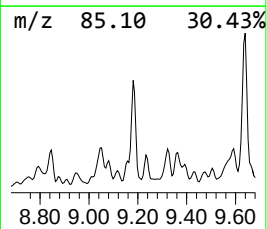
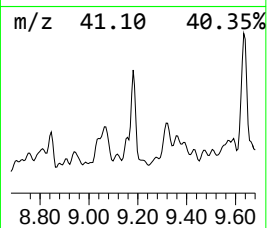
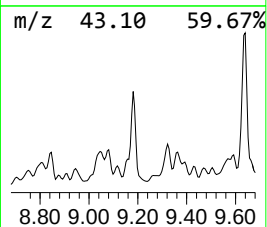
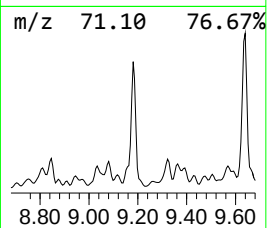
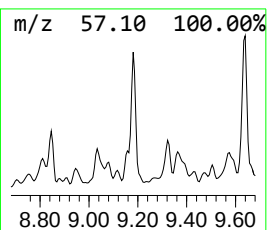
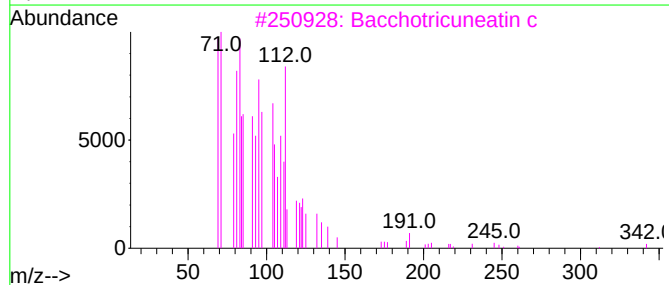
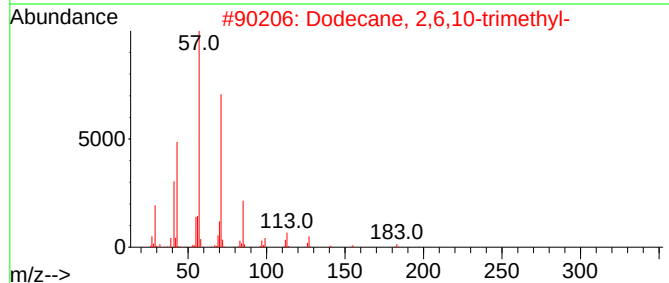
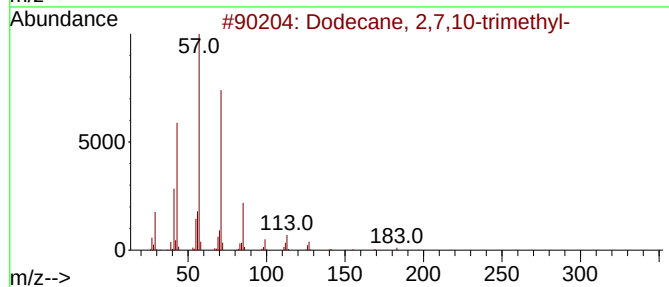
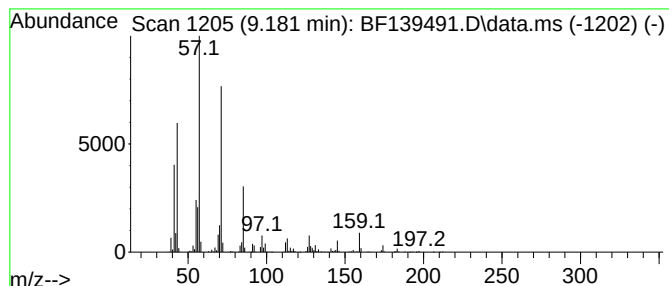
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Dodecane, 2,7,10-trimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.181	34.17 ng	1874230	Acenaphthene-d10	9.916

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	80
2			Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	80
3			Bacchotricuneatin c	342	C20H22O5	066563-30-2	59
4			Nonane, 2,6-dimethyl-	156	C11H24	017302-28-2	58
5			Sulfurous acid, 2-ethylhexyl oct...	446	C26H54O3S	1000309-20-1	53



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091924\
Data File : BF139491.D
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Sample : P4103-07
Misc :
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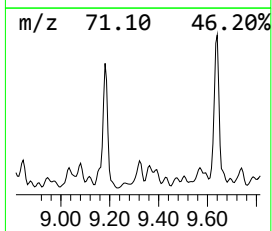
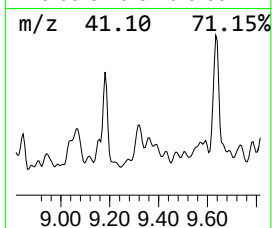
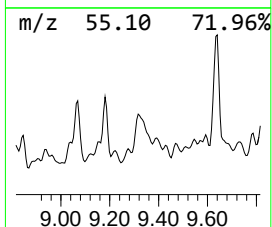
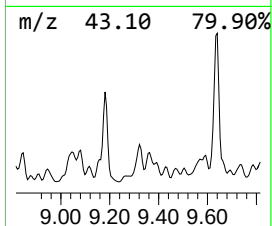
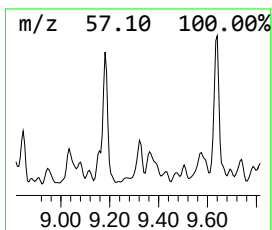
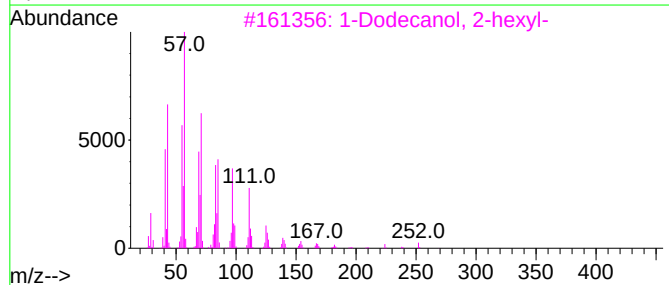
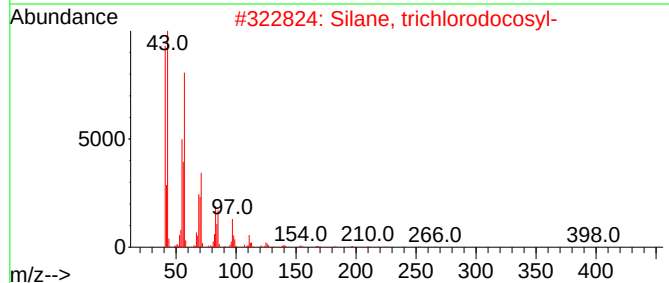
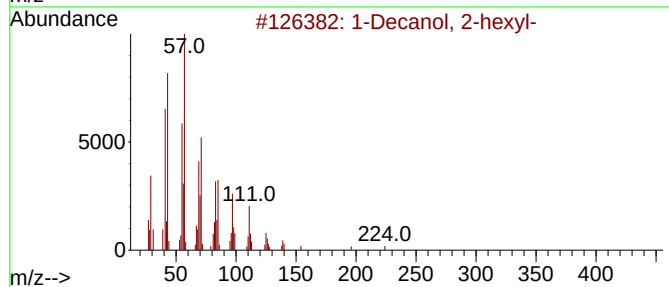
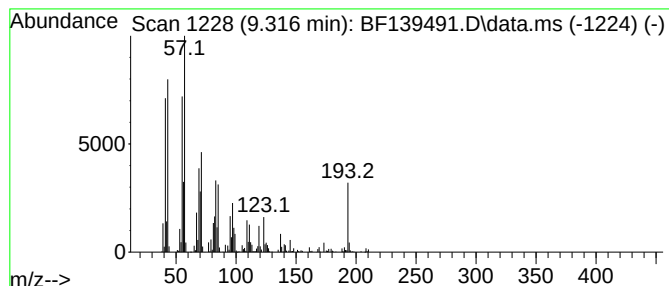
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 1-Decanol, 2-hexyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.	
9.316	19.85 ng	1088890	Acenaphthene-d10	9.916	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Decanol, 2-hexyl-	242	C16H34O	002425-77-6	64
2	Silane, trichlorodocosyl-	442	C22H45Cl3Si	007325-84-0	52
3	1-Dodecanol, 2-hexyl-	270	C18H38O	110225-00-8	52
4	Oxalic acid, cyclobutyl pentadec...	354	C21H38O4	1010309-70-5	52
5	1-Decanol, 2-octyl-	270	C18H38O	045235-48-1	52



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091924\
Data File : BF139491.D
Acq On : 20 Sep 2024 04:25
Operator : RC/JU
Sample : P4103-07
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
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ClientSampleId :
WC-14-5-7.5B

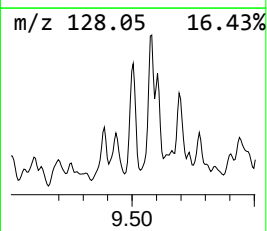
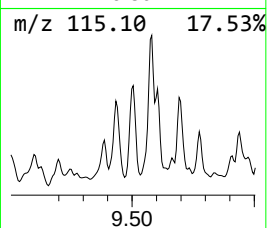
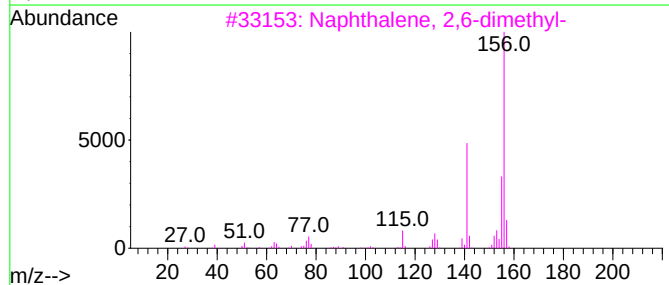
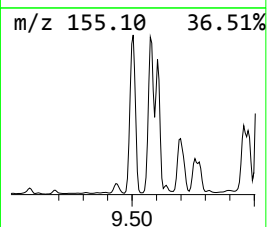
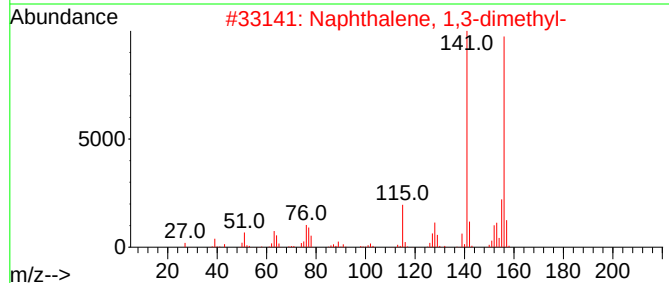
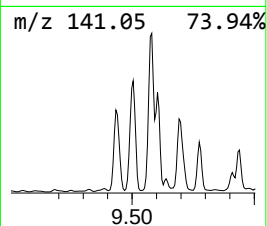
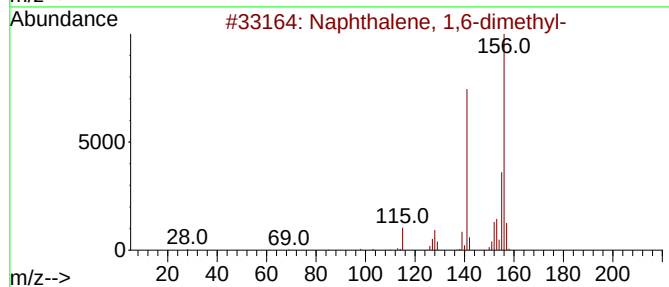
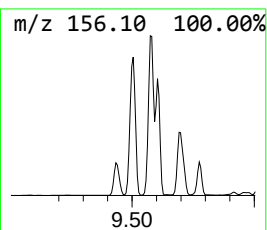
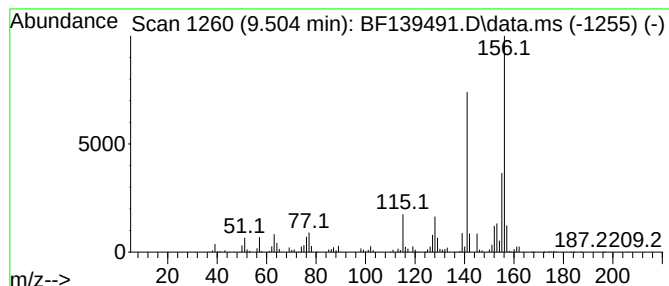
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Naphthalene, 1,6-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.504	32.73 ng	1794760	Acenaphthene-d10	9.916

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
2			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
3			Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
4			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
5			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	95



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091924\
Data File : BF139491.D
Acq On : 20 Sep 2024 04:25
Operator : RC/JU
Sample : P4103-07
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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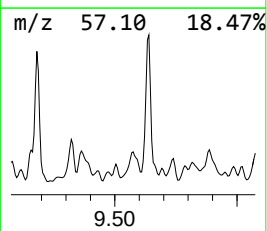
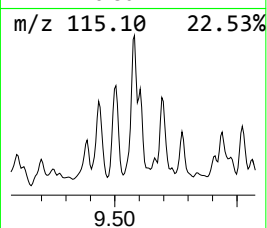
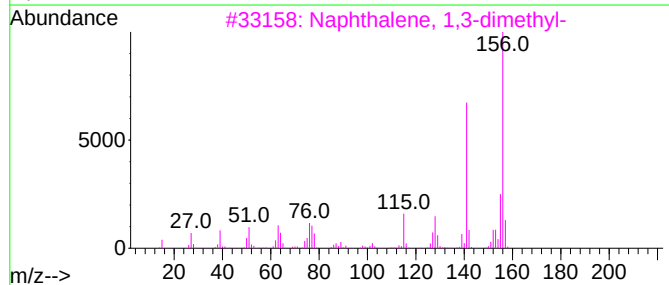
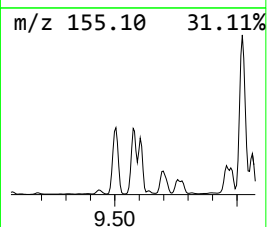
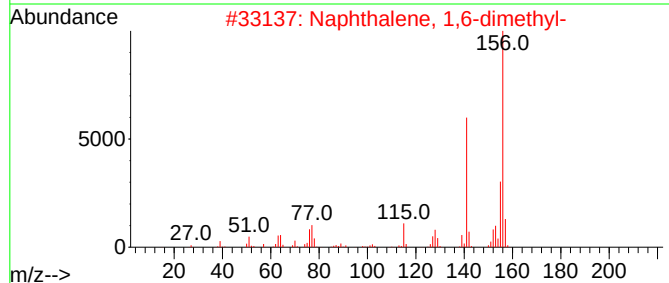
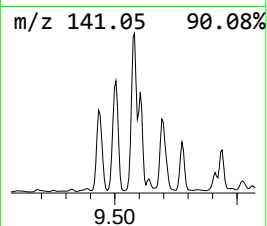
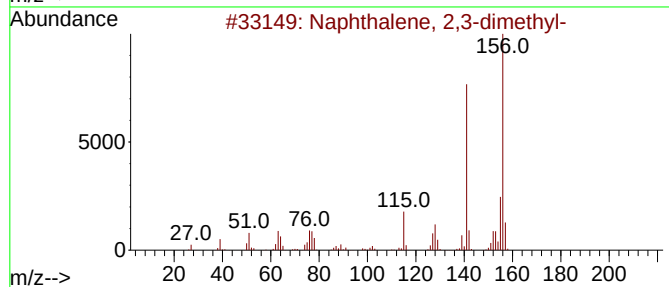
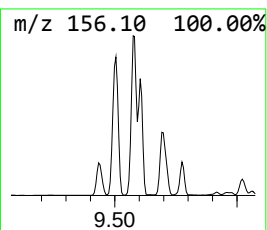
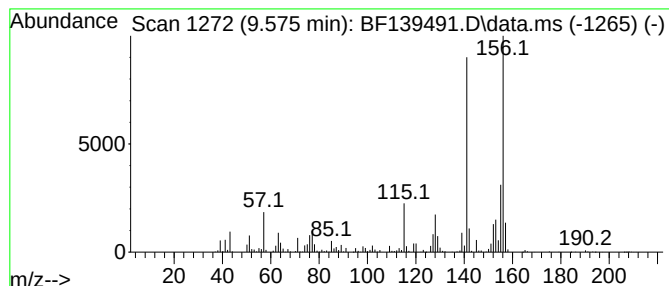
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 Naphthalene, 2,3-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.575	53.77 ng	2949090	Acenaphthene-d10	9.916

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
3			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
4			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
5			Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091924\
Data File : BF139491.D
Acq On : 20 Sep 2024 04:25
Operator : RC/JU
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Instrument :
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ClientSampleId :
WC-14-5-7.5B

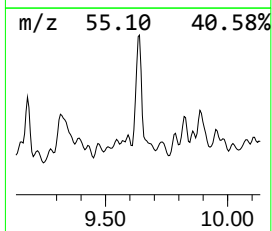
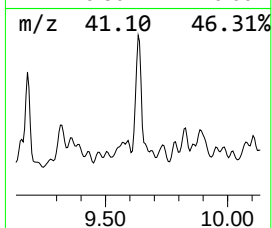
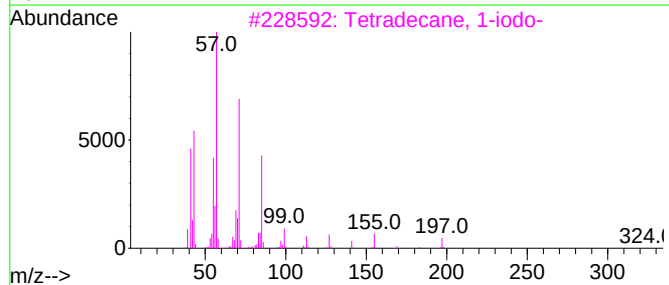
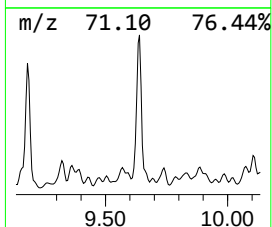
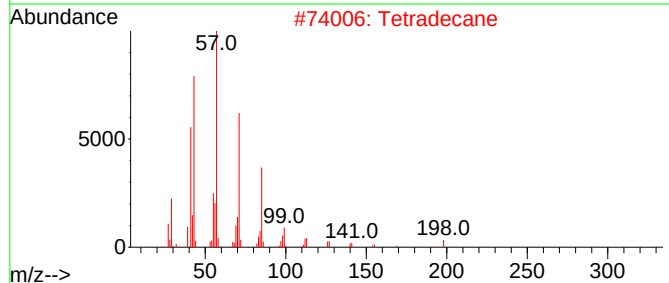
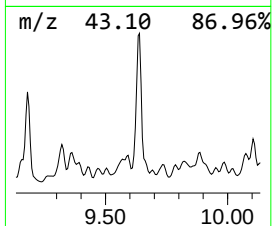
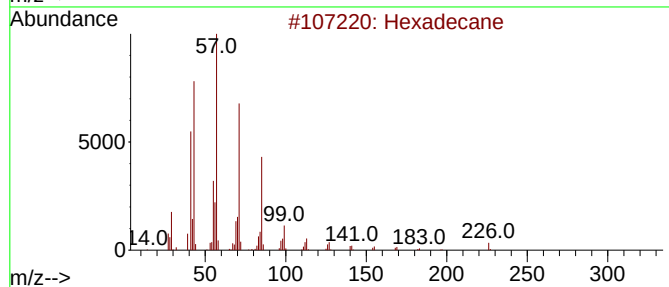
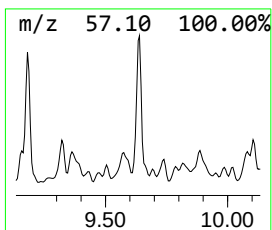
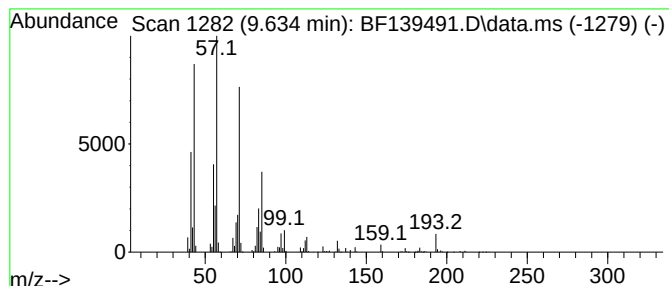
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 Hexadecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.634	56.08 ng	3075860	Acenaphthene-d10	9.916

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane	226	C16H34	000544-76-3	90
2			Tetradecane	198	C14H30	000629-59-4	90
3			Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	83
4			Decane, 2,3,5,8-tetramethyl-	198	C14H30	192823-15-7	72
5			Nonadecane	268	C19H40	000629-92-5	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091924\
Data File : BF139491.D
Acq On : 20 Sep 2024 04:25
Operator : RC/JU
Sample : P4103-07
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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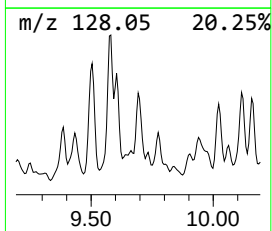
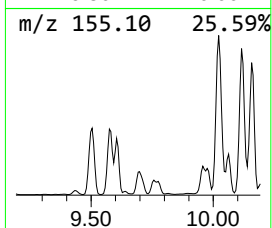
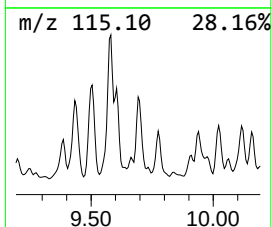
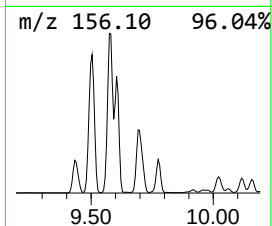
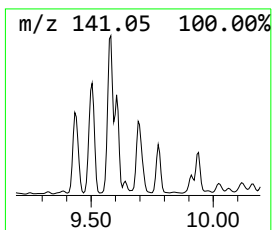
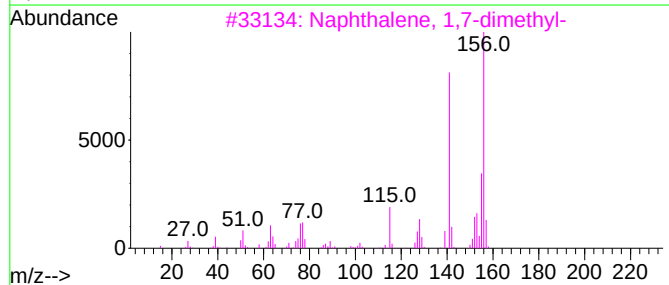
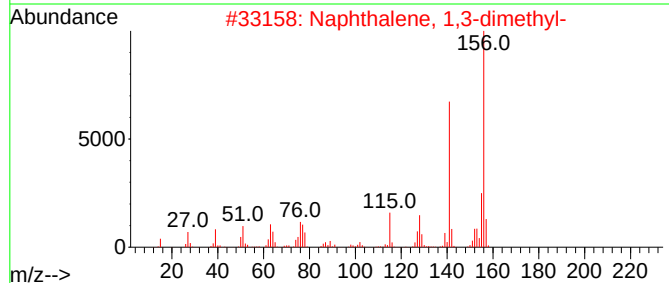
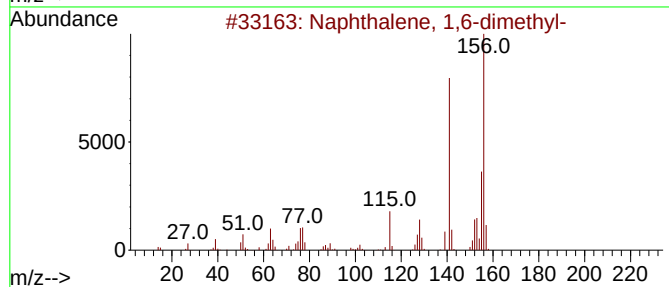
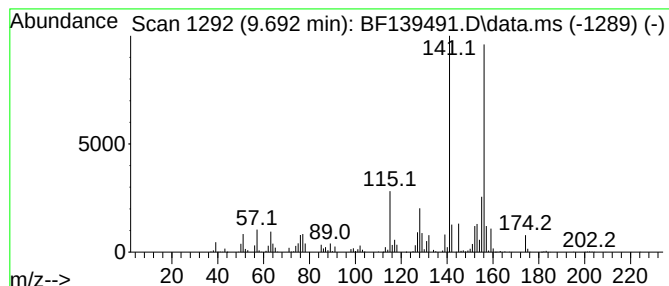
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Naphthalene, 1,3-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.692	15.13 ng	829764	Acenaphthene-d10	9.916

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
2			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
3			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
4			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
5			Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	95



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091924\
Data File : BF139491.D
Acq On : 20 Sep 2024 04:25
Operator : RC/JU
Sample : P4103-07
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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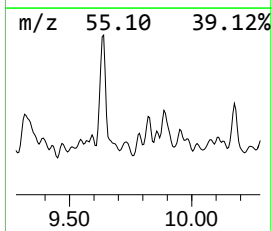
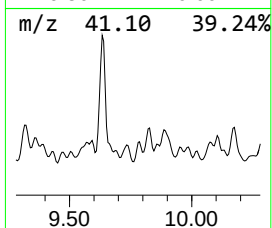
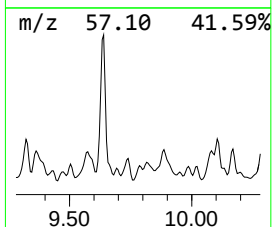
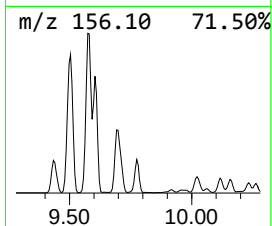
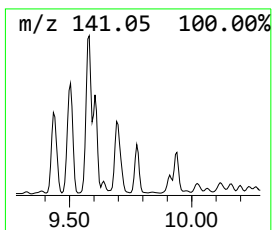
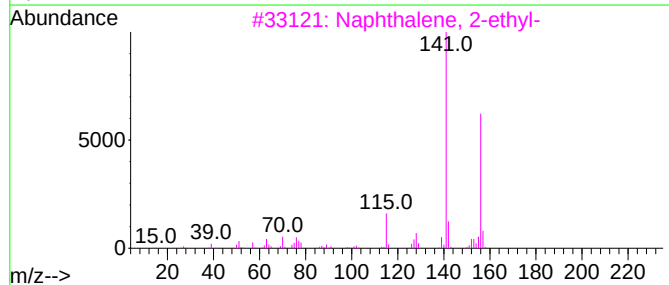
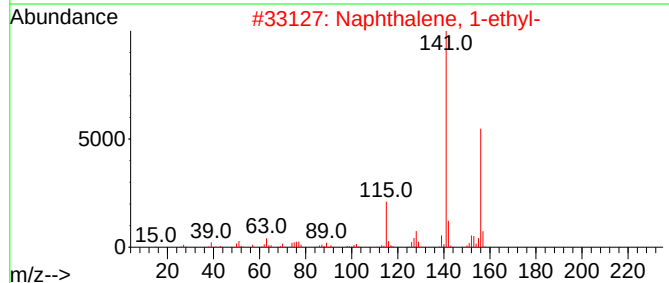
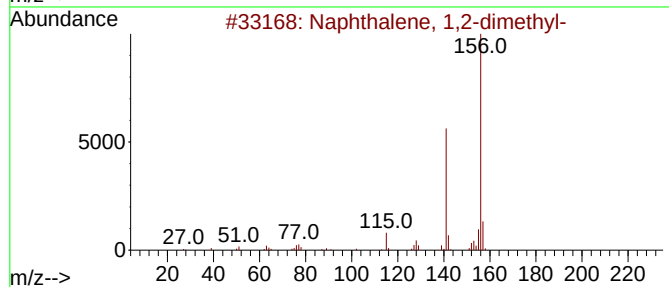
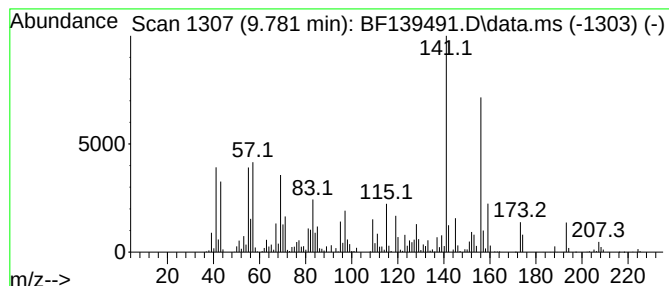
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 Naphthalene, 1,2-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.781	14.80 ng	811483	Acenaphthene-d10	9.916

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	91
2		Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	91
3		Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	90
4		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	83
5		Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	78



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091924\
Data File : BF139491.D
Acq On : 20 Sep 2024 04:25
Operator : RC/JU
Sample : P4103-07
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-14-5-7.5B

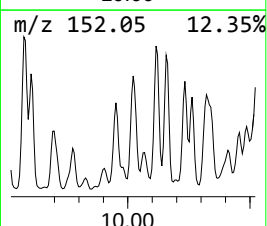
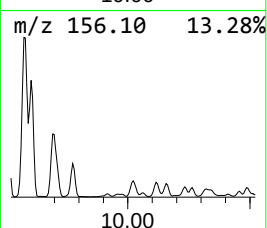
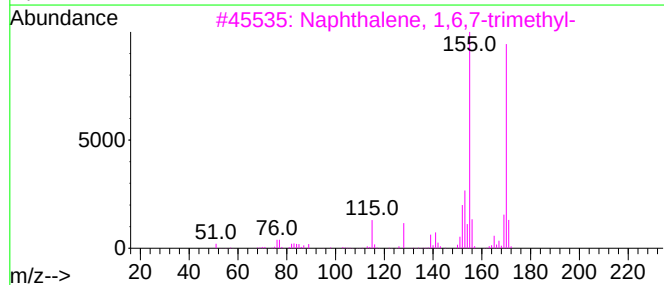
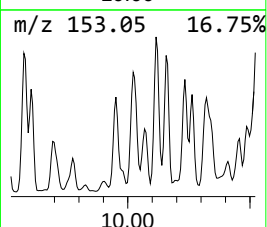
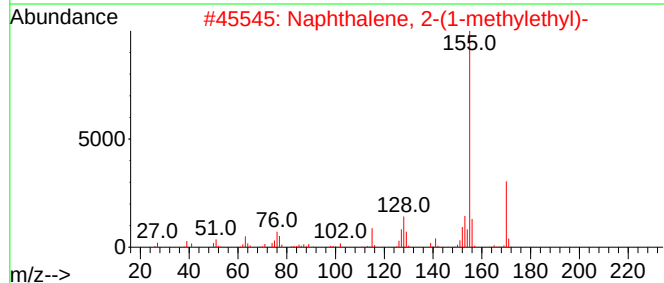
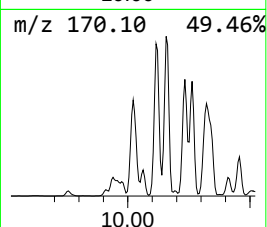
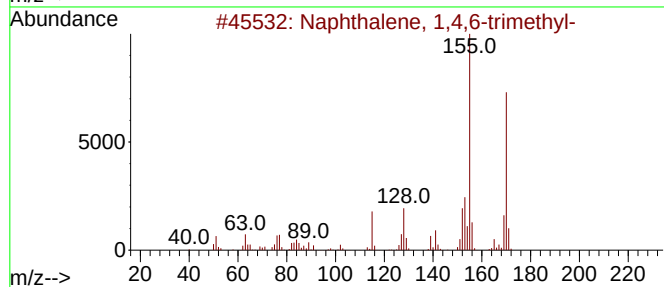
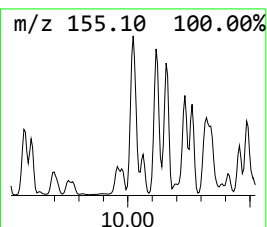
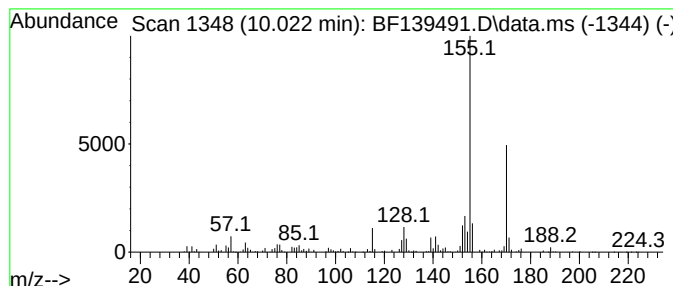
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 Naphthalene, 1,4,6-trimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.022	19.46 ng	1067270	Acenaphthene-d10	9.916

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	93
2			Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	91
3			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	89
4			Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	86
5			3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	83



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091924\
Data File : BF139491.D
Acq On : 20 Sep 2024 04:25
Operator : RC/JU
Sample : P4103-07
Misc :
ALS Vial : 25 Sample Multiplier: 1

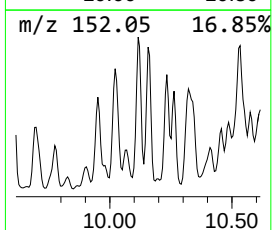
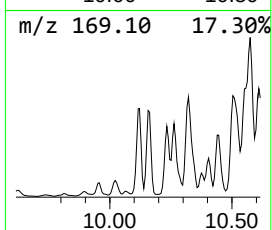
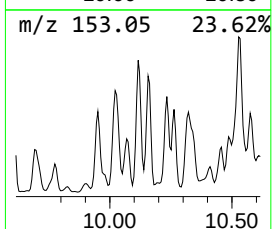
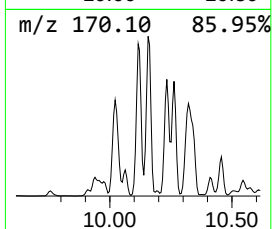
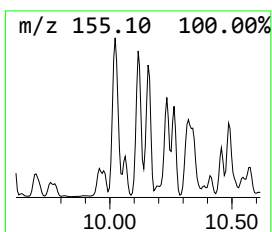
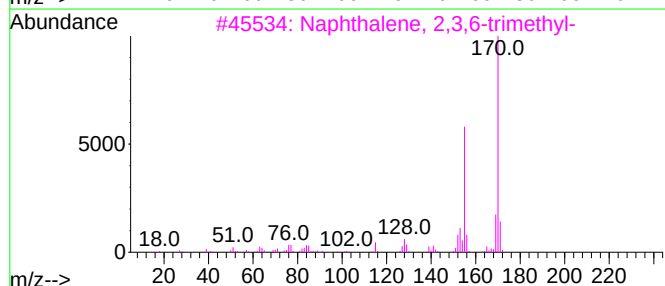
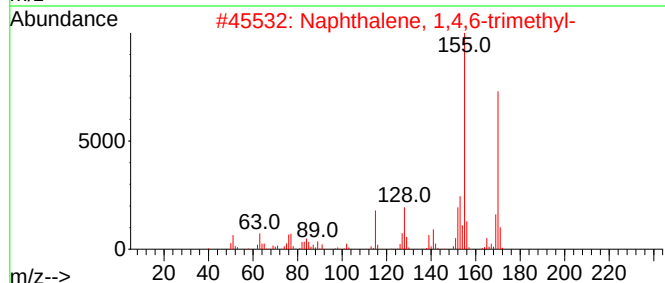
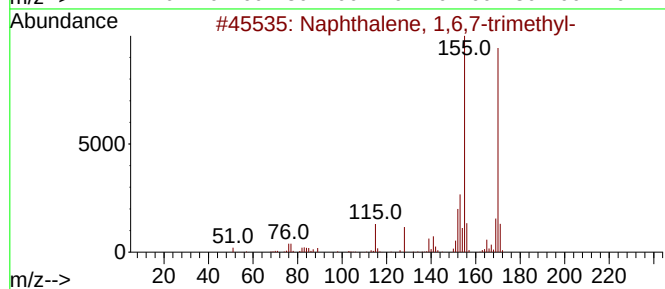
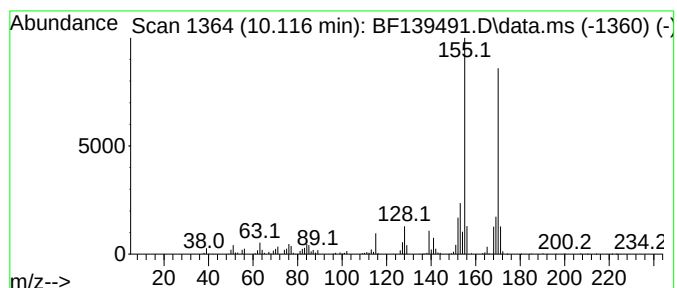
Instrument :
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ClientSampleId :
WC-14-5-7.5B

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 Naphthalene, 1,6,7-trimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.116	26.52 ng	1454690	Acenaphthene-d10	9.916	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	96
2	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	95
3	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	93
4	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	91
5	3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091924\
Data File : BF139491.D
Acq On : 20 Sep 2024 04:25
Operator : RC/JU
Sample : P4103-07
Misc :
ALS Vial : 25 Sample Multiplier: 1

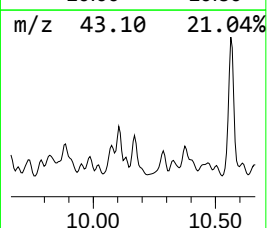
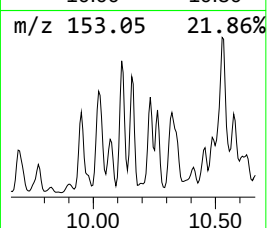
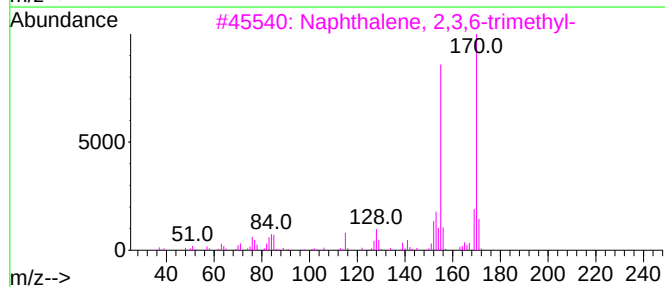
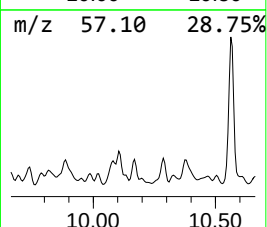
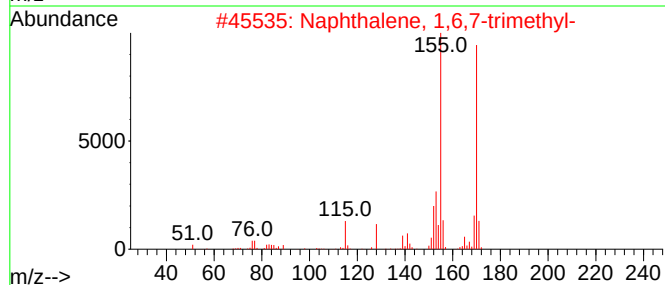
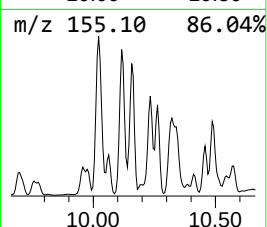
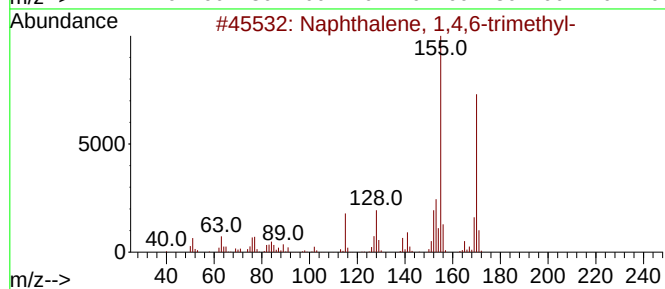
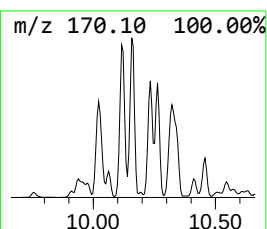
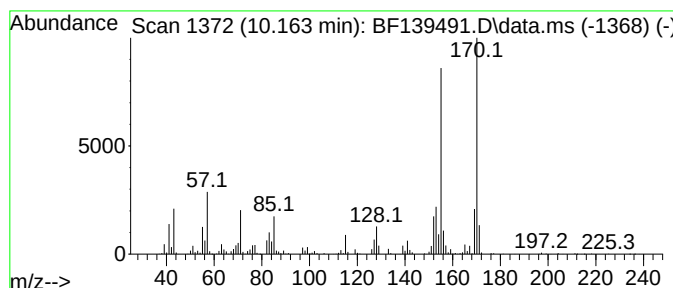
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WC-14-5-7.5B

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 Naphthalene, 2,3,6-trimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.163	40.88 ng	2242200	Acenaphthene-d10	9.916	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96
2	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	95
3	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	94
4	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	93
5	1-(2,2-Dimethylcyclopropyl)-2-ph...	170	C13H14	1000294-91-1	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091924\
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Operator : RC/JU
Sample : P4103-07
Misc :
ALS Vial : 25 Sample Multiplier: 1

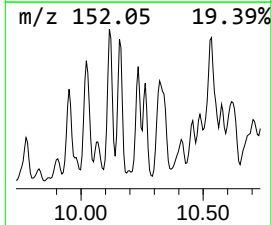
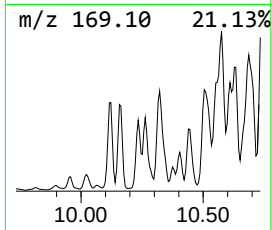
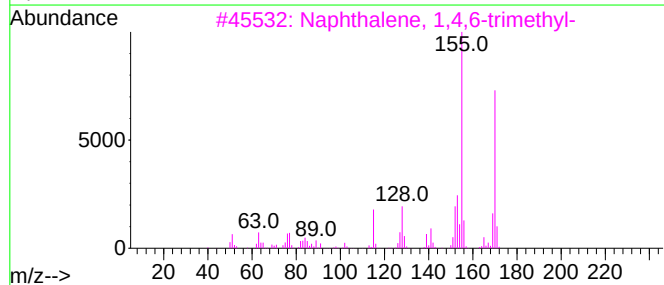
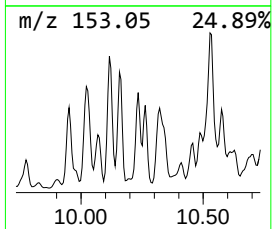
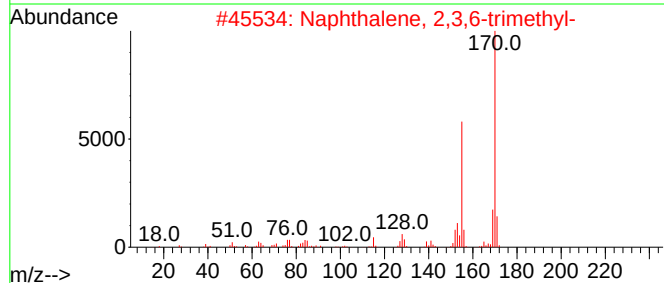
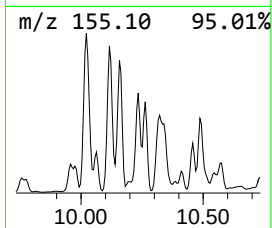
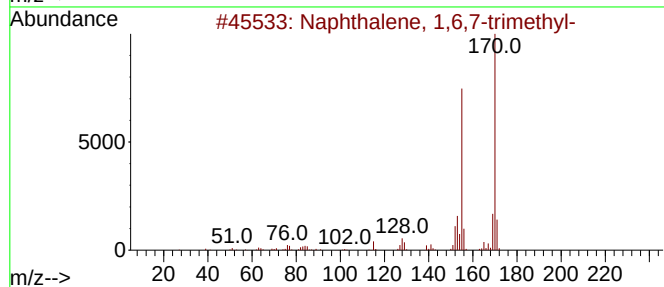
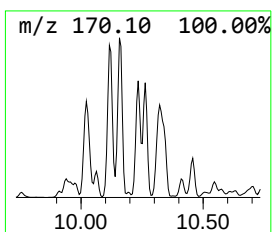
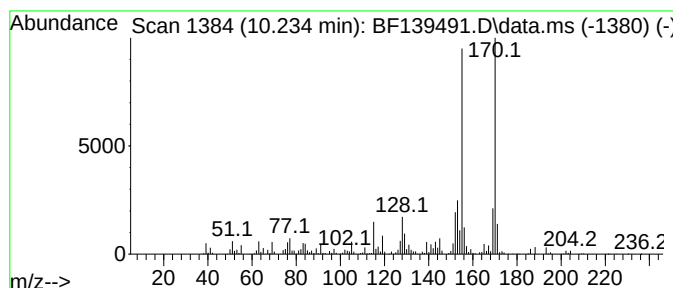
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ClientSampleId :
WC-14-5-7.5B

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 4,6,8-Trimethylazulene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.233	21.59 ng	1184310	Acenaphthene-d10	9.916	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	96
2	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	96
3	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	94
4	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	91
5	1-(2,2-Dimethylcyclopropyl)-2-ph...	170	C13H14	1000294-91-1	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091924\
Data File : BF139491.D
Acq On : 20 Sep 2024 04:25
Operator : RC/JU
Sample : P4103-07
Misc :
ALS Vial : 25 Sample Multiplier: 1

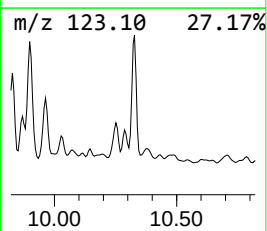
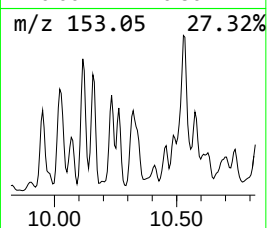
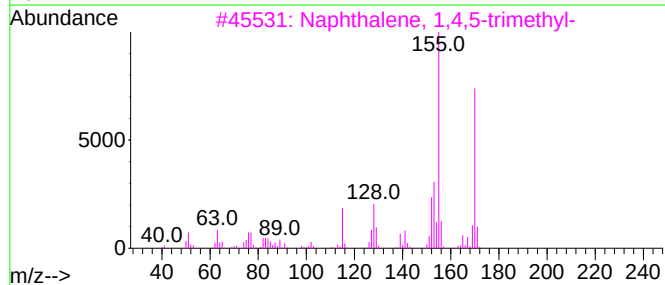
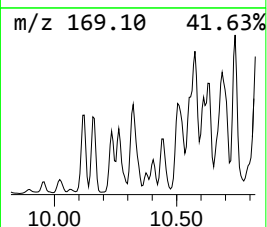
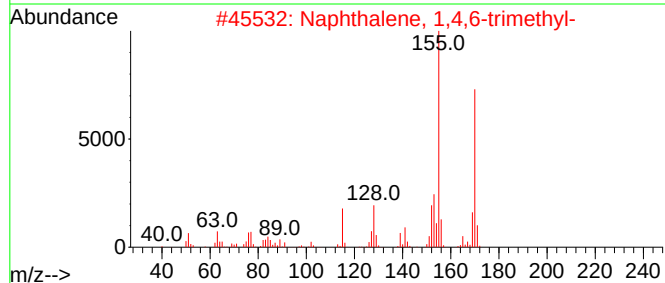
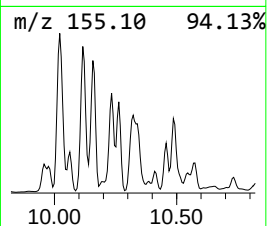
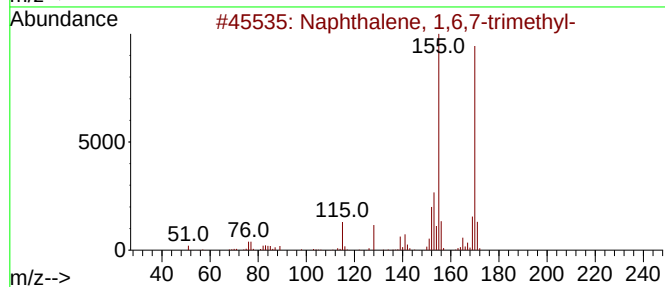
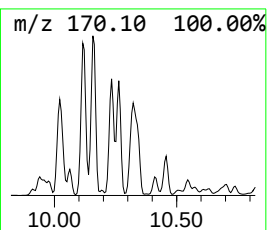
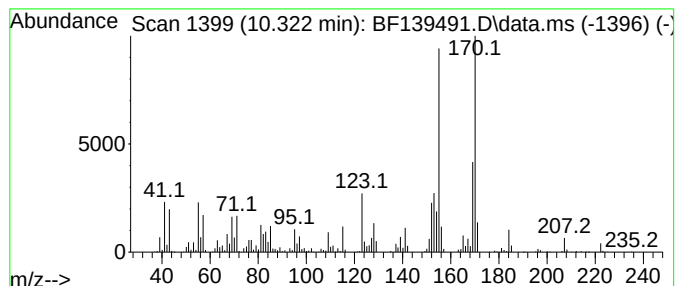
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 15 Naphthalene, 1,4,5-trimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.322	18.99 ng	1041550	Acenaphthene-d10	9.916	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	96
2	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	94
3	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	93
4	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	89
5	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	89



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091924\
Data File : BF139491.D
Acq On : 20 Sep 2024 04:25
Operator : RC/JU
Sample : P4103-07
Misc :
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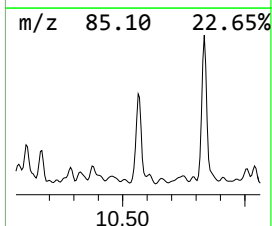
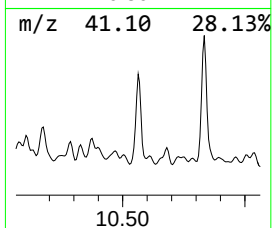
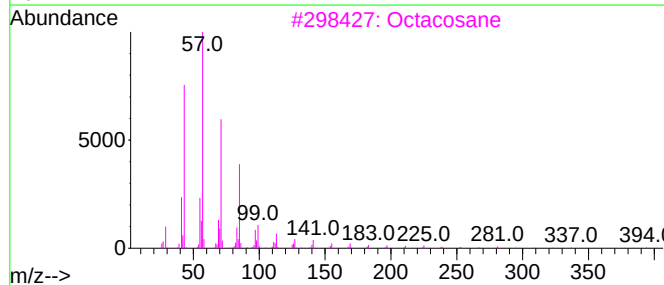
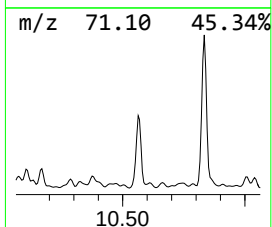
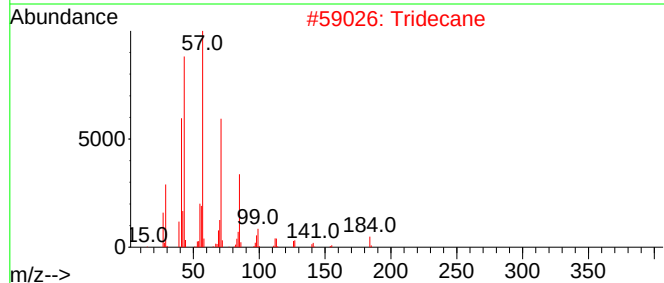
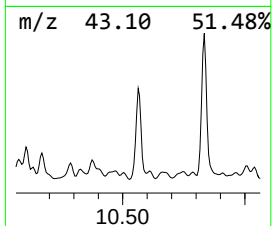
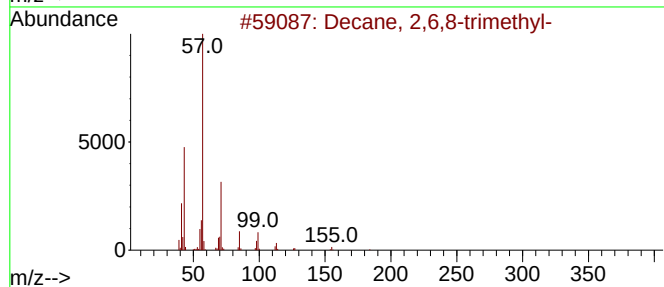
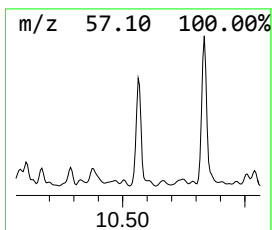
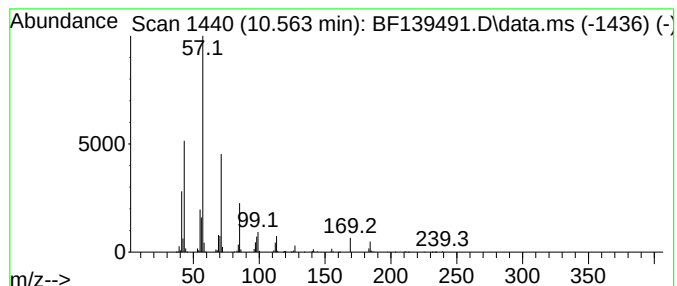
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 Decane, 2,6,8-trimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD			R.T.
10.563	46.86 ng	2570200	Acenaphthene-d10			9.916
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Decane, 2,6,8-trimethyl-		184	C13H28	062108-26-3	76
2	Tridecane		184	C13H28	000629-50-5	74
3	Octacosane		394	C28H58	000630-02-4	72
4	Heptadecane, 2,6,10,15-tetramethyl-		296	C21H44	054833-48-6	72
5	Eicosane, 10-methyl-		296	C21H44	054833-23-7	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091924\
Data File : BF139491.D
Acq On : 20 Sep 2024 04:25
Operator : RC/JU
Sample : P4103-07
Misc :
ALS Vial : 25 Sample Multiplier: 1

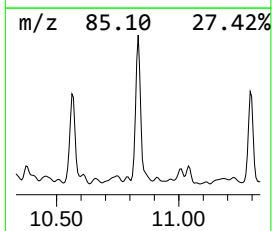
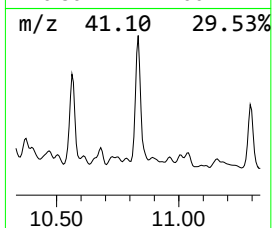
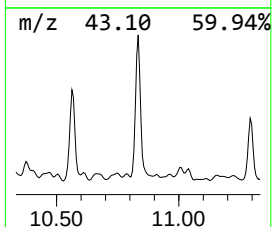
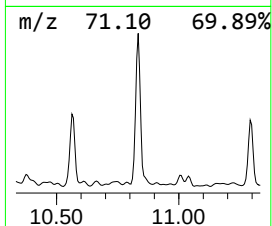
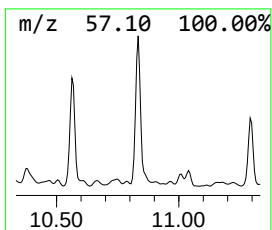
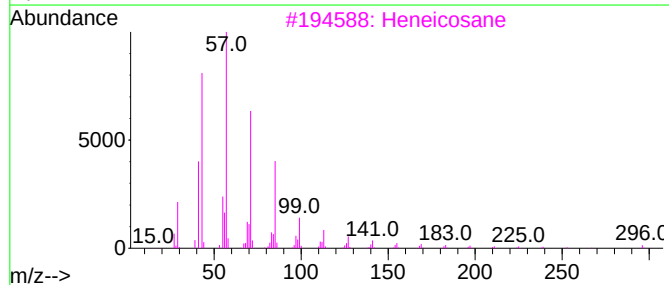
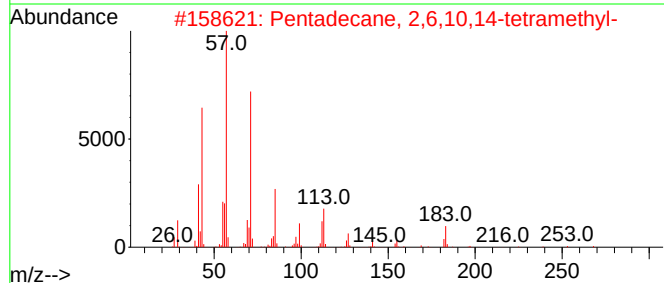
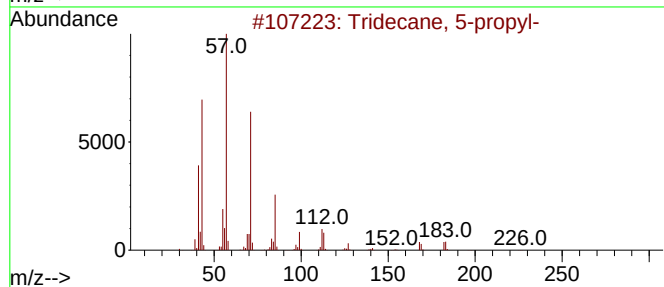
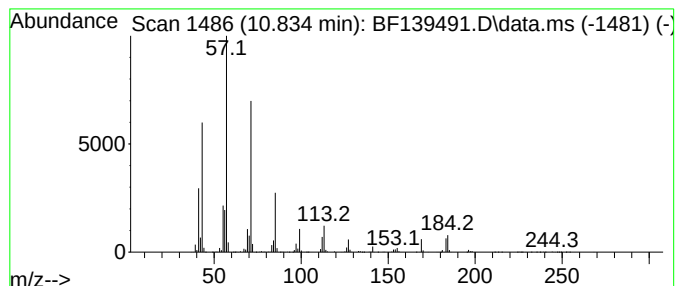
Instrument :
BNA_F
ClientSampleId :
WC-14-5-7.5B

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 Tridecane, 5-propyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD		R.T.	
10.834	125.11 ng	3930920	Phenanthrene-d10		11.404	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Tridecane, 5-propyl-		226	C16H34	055045-11-9	80
2	Pentadecane, 2,6,10,14-tetramethyl-		268	C19H40	001921-70-6	72
3	Heneicosane		296	C21H44	000629-94-7	72
4	Dodecane, 4,6-dimethyl-		198	C14H30	061141-72-8	70
5	Decane, 3,6-dimethyl-		170	C12H26	017312-53-7	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091924\
Data File : BF139491.D
Acq On : 20 Sep 2024 04:25
Operator : RC/JU
Sample : P4103-07
Misc :
ALS Vial : 25 Sample Multiplier: 1

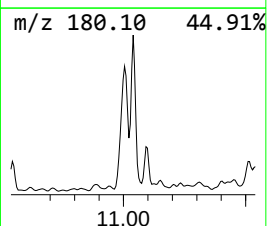
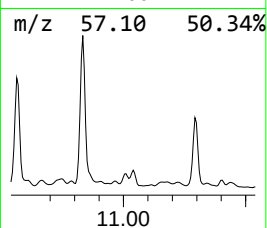
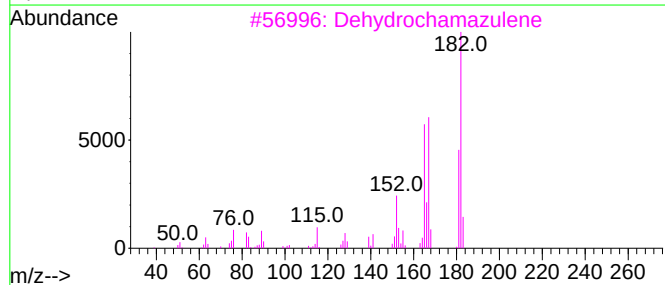
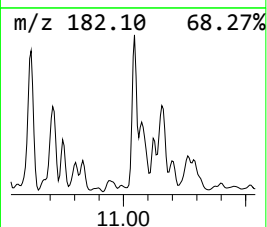
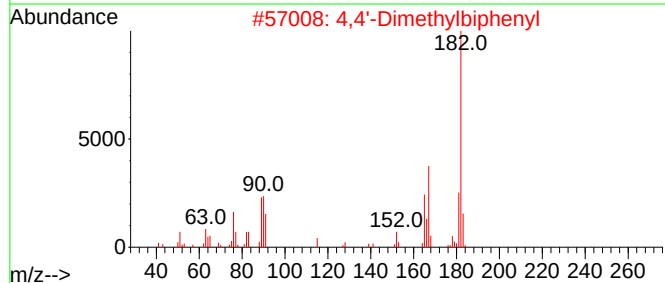
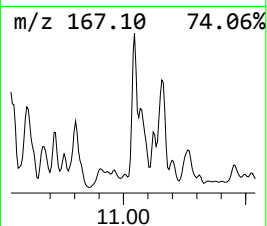
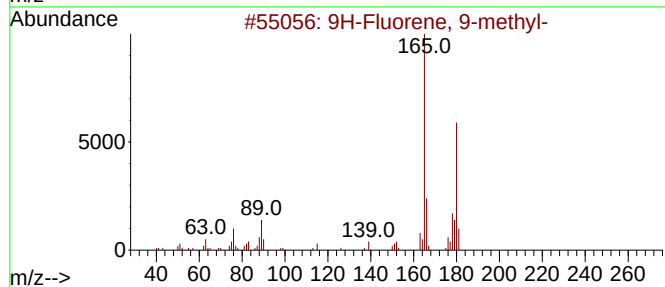
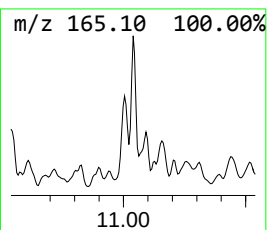
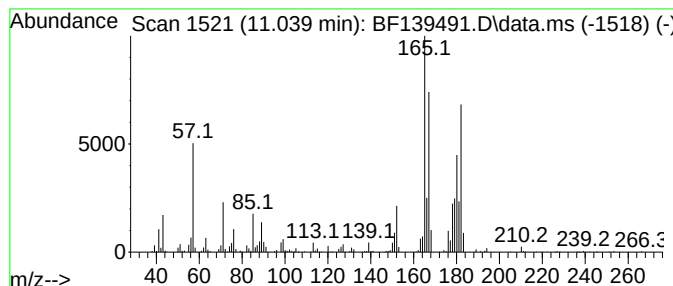
Instrument :
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ClientSampleId :
WC-14-5-7.5B

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 18 9H-Fluorene, 9-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.039	21.66 ng	680576	Phenanthrene-d10	11.404	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	83
2	4,4'-Dimethylbiphenyl	182	C14H14	000613-33-2	64
3	Dehydrochamazulene	182	C14H14	321732-25-6	60
4	3,3'-Dimethylbiphenyl	182	C14H14	000612-75-9	53
5	1,1'-Biphenyl, 3,4'-dimethyl-	182	C14H14	007383-90-6	49



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091924\
Data File : BF139491.D
Acq On : 20 Sep 2024 04:25
Operator : RC/JU
Sample : P4103-07
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-14-5-7.5B

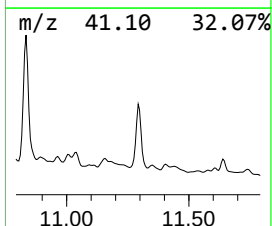
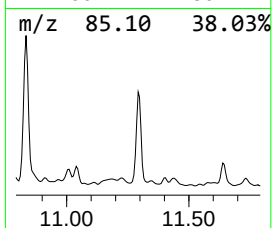
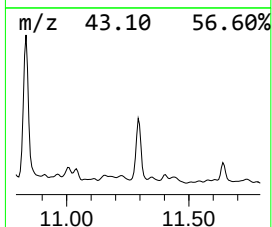
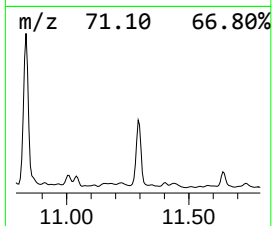
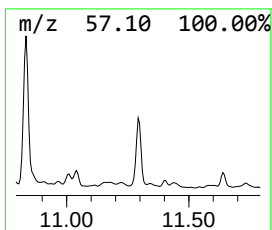
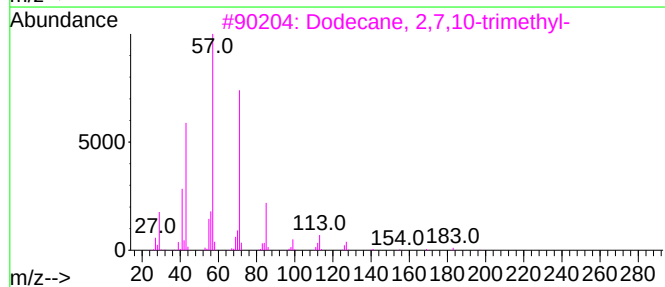
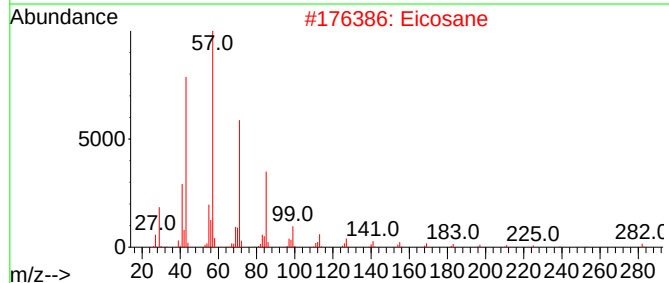
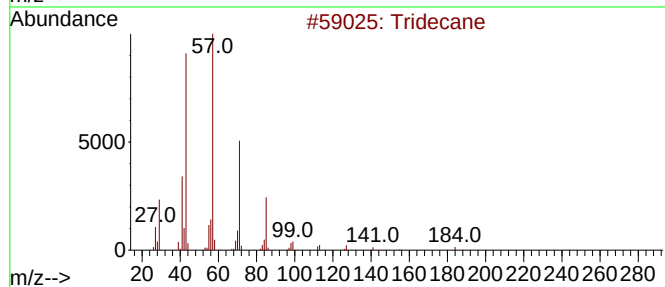
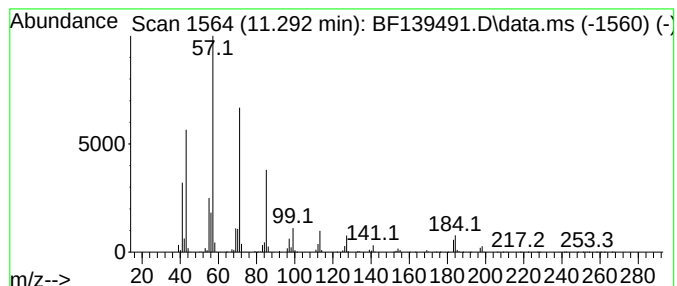
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 19 Tridecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.292	67.06 ng	2107120	Phenanthrene-d10	11.404

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane	184	C13H28	000629-50-5	90
2			Eicosane	282	C20H42	000112-95-8	80
3			Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	80
4			Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	80
5			Tetradecane	198	C14H30	000629-59-4	74



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091924\
Data File : BF139491.D
Acq On : 20 Sep 2024 04:25
Operator : RC/JU
Sample : P4103-07
Misc :
ALS Vial : 25 Sample Multiplier: 1

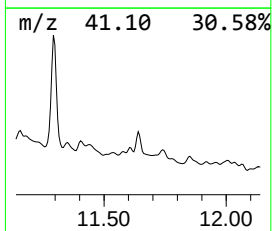
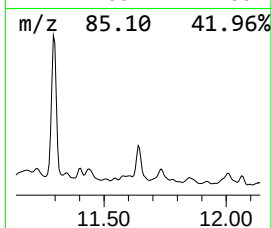
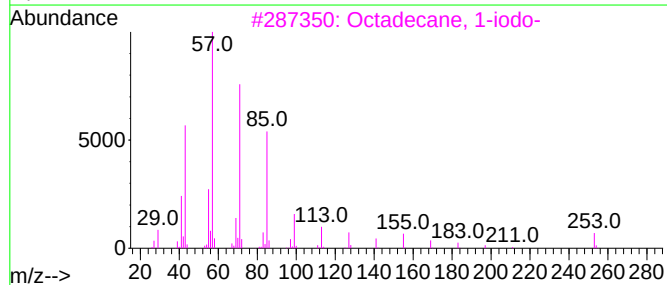
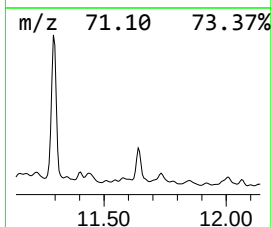
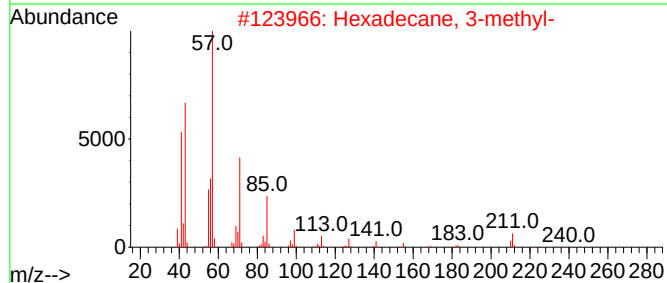
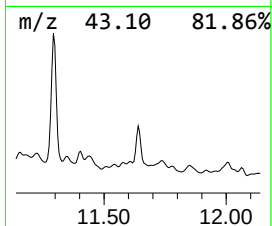
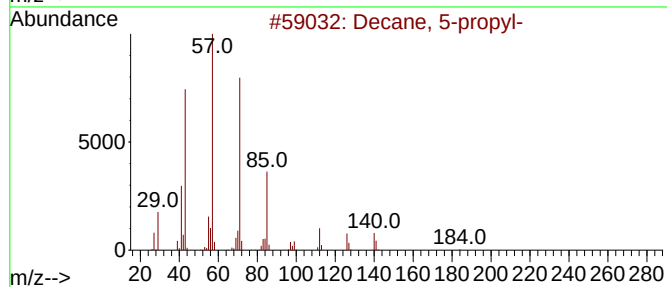
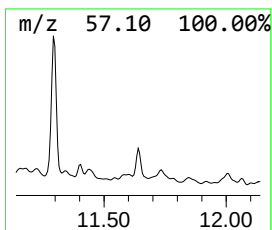
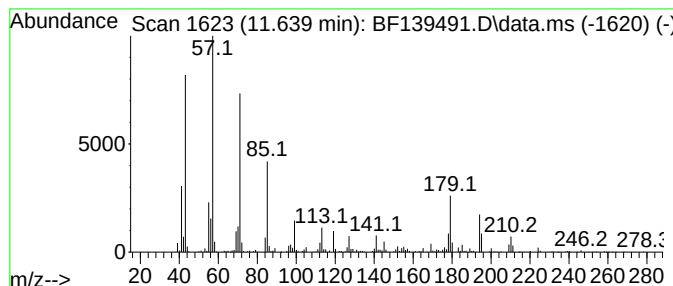
Instrument :
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ClientSampleId :
WC-14-5-7.5B

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 20 Decane, 5-propyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.639	24.92 ng	782951	Phenanthrene-d10	11.404
Hit#	of 5	Tentative ID	MW MolForm	CAS# Qual
1		Decane, 5-propyl-	184 C13H28	017312-62-8 70
2		Hexadecane, 3-methyl-	240 C17H36	006418-43-5 70
3		Octadecane, 1-iodo-	380 C18H37I	000629-93-6 68
4		Nonadecane	268 C19H40	000629-92-5 68
5		Hexadecane, 1-iodo-	352 C16H33I	000544-77-4 68



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091924\
Data File : BF139491.D
Acq On : 20 Sep 2024 04:25
Operator : RC/JU
Sample : P4103-07
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-14-5-7.5B

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST0.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Butane, 2-metho...	2.181	30.6	ng	1201110	1	6.875	784198	20.0
Undecane, 2,6-d...	8.216	18.3	ng	1499840	2	8.163	1637290	20.0
Decane, 2,6,7-t...	8.581	20.7	ng	1693930	2	8.163	1637290	20.0
Dodecane, 2,7,1...	9.181	34.2	ng	1874230	3	9.916	1096860	20.0
1-Decanol, 2-he...	9.316	19.9	ng	1088890	3	9.916	1096860	20.0
Naphthalene, 1,...	9.504	32.7	ng	1794760	3	9.916	1096860	20.0
Naphthalene, 2,...	9.575	53.8	ng	2949090	3	9.916	1096860	20.0
Hexadecane	9.634	56.1	ng	3075860	3	9.916	1096860	20.0
Naphthalene, 1,...	9.692	15.1	ng	829764	3	9.916	1096860	20.0
Naphthalene, 1,...	9.781	14.8	ng	811483	3	9.916	1096860	20.0
Naphthalene, 1,...	10.022	19.5	ng	1067270	3	9.916	1096860	20.0
Naphthalene, 1,...	10.116	26.5	ng	1454690	3	9.916	1096860	20.0
Naphthalene, 2,...	10.163	40.9	ng	2242200	3	9.916	1096860	20.0
4,6,8-Trimethyl...	10.233	21.6	ng	1184310	3	9.916	1096860	20.0
Naphthalene, 1,...	10.322	19.0	ng	1041550	3	9.916	1096860	20.0
Decane, 2,6,8-t...	10.563	46.9	ng	2570200	3	9.916	1096860	20.0
Tridecane, 5-pr...	10.834	125.1	ng	3930920	4	11.404	628403	20.0
9H-Fluorene, 9-...	11.039	21.7	ng	680576	4	11.404	628403	20.0
Tridecane	11.292	67.1	ng	2107120	4	11.404	628403	20.0
Decane, 5-propyl-	11.639	24.9	ng	782951	4	11.404	628403	20.0