

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091824\
 Data File : BF139451.D
 Acq On : 19 Sep 2024 03:22
 Operator : RC/JU
 Sample : P4098-03 5X
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HR-04-091724

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: BF139451.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.146	3	9	16	rVB	109910	165092	16.73%	0.979%
2	5.487	571	577	585	rBV	131801	173468	17.58%	1.029%
3	6.498	744	749	756	rVB	134754	170158	17.25%	1.009%
4	6.710	780	785	792	rBV2	50475	70439	7.14%	0.418%
5	6.881	809	814	820	rVB	277519	353415	35.82%	2.096%
6	7.022	835	838	842	rBV2	14868	18577	1.88%	0.110%
7	7.151	854	860	863	rBV3	33829	47084	4.77%	0.279%
8	7.198	863	868	874	rVB3	24469	60268	6.11%	0.357%
9	7.269	874	880	884	rBV3	33426	54424	5.52%	0.323%
10	7.410	899	904	905	rBV	36122	42232	4.28%	0.250%
11	7.434	905	908	911	rBV	53226	55196	5.59%	0.327%
12	7.469	911	914	918	rVB	132100	165082	16.73%	0.979%
13	7.522	918	923	927	rBV5	29188	42113	4.27%	0.250%
14	7.581	927	933	938	rBV7	16367	45953	4.66%	0.273%
15	7.651	942	945	947	rBV2	12797	17151	1.74%	0.102%
16	7.681	947	950	959	rVB3	48734	81889	8.30%	0.486%
17	7.781	959	967	969	rBV3	36285	77533	7.86%	0.460%
18	7.840	974	977	980	rVB2	37126	45628	4.62%	0.271%
19	7.875	980	983	985	rBV2	31663	40488	4.10%	0.240%
20	7.904	985	988	994	rVB4	53818	82517	8.36%	0.489%
21	7.951	994	996	998	rBV	18588	17137	1.74%	0.102%
22	7.998	1002	1004	1007	rVB	27896	26762	2.71%	0.159%
23	8.063	1012	1015	1018	rBV2	19283	22302	2.26%	0.132%
24	8.140	1018	1028	1030	rBV	298962	479908	48.64%	2.847%
25	8.216	1038	1041	1044	rVB2	88413	105174	10.66%	0.624%
26	8.245	1044	1046	1054	rVB5	30517	50122	5.08%	0.297%
27	8.334	1054	1061	1062	rBV5	26036	52489	5.32%	0.311%
28	8.357	1062	1065	1069	rVB2	44382	51965	5.27%	0.308%
29	8.404	1070	1073	1075	rBV2	15041	18314	1.86%	0.109%
30	8.451	1076	1081	1086	rVV5	82833	134842	13.67%	0.800%
31	8.504	1087	1090	1093	rVV3	43736	59580	6.04%	0.353%
32	8.540	1093	1096	1099	rVV4	64768	87864	8.90%	0.521%
33	8.575	1099	1102	1109	rVV	99698	151571	15.36%	0.899%
34	8.663	1113	1117	1121	rBV2	96325	123501	12.52%	0.733%
35	8.745	1127	1131	1136	rBV	333878	425537	43.13%	2.524%
36	8.875	1150	1153	1156	rVB	39956	47112	4.77%	0.279%

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

37	8.910	1156	1159	1161	rBV2	19005	22992	2.33%	0.136%
38	8.981	1166	1171	1176	rBV4	92271	141073	14.30%	0.837%
39	9.028	1177	1179	1183	rVV4	24098	34677	3.51%	0.206%
40	9.110	1189	1193	1197	rVB3	71069	105559	10.70%	0.626%
41	9.151	1197	1200	1201	rVV	40132	38987	3.95%	0.231%
42	9.175	1201	1204	1210	rVV3	103421	145218	14.72%	0.861%
43	9.234	1210	1214	1218	rVB	133125	162479	16.47%	0.964%
44	9.310	1223	1227	1232	rBV	401253	521454	52.85%	3.093%
45	9.381	1237	1239	1243	rVB	53569	62865	6.37%	0.373%
46	9.569	1264	1271	1273	rBV6	84881	169462	17.17%	1.005%
47	9.628	1277	1281	1284	rBV3	130900	190056	19.26%	1.127%
48	9.692	1289	1292	1296	rVB2	74425	89376	9.06%	0.530%
49	9.781	1303	1307	1310	rBV4	31012	50360	5.10%	0.299%
50	9.839	1313	1317	1321	rVV	387458	486020	49.26%	2.883%
51	9.910	1322	1329	1333	rVV	269088	410994	41.65%	2.438%
52	9.945	1333	1335	1338	rVB	70216	71165	7.21%	0.422%
53	10.016	1344	1347	1351	rVB2	32157	38622	3.91%	0.229%
54	10.075	1352	1357	1359	rBV	56516	95484	9.68%	0.566%
55	10.163	1368	1372	1376	rBV4	74256	106939	10.84%	0.634%
56	10.234	1381	1384	1390	rBV6	31538	70135	7.11%	0.416%
57	10.339	1396	1402	1406	rBV	394741	508262	51.51%	3.015%
58	10.457	1418	1422	1428	rBV	109070	162528	16.47%	0.964%
59	10.557	1434	1439	1445	rVB	131330	207775	21.06%	1.232%
60	10.616	1445	1449	1451	rBV4	41492	48822	4.95%	0.290%
61	10.698	1457	1463	1467	rVB2	79815	135160	13.70%	0.802%
62	10.816	1478	1483	1491	rVB	425262	673288	68.24%	3.994%
63	11.004	1512	1515	1518	rBV2	48165	69262	7.02%	0.411%
64	11.133	1534	1537	1545	rVB4	34071	73770	7.48%	0.438%
65	11.263	1554	1559	1562	rBV	289142	406177	41.17%	2.409%
66	11.292	1562	1564	1570	rVB2	144603	171792	17.41%	1.019%
67	11.398	1578	1582	1584	rBV	289778	401259	40.67%	2.380%
68	11.422	1584	1586	1591	rVV	520123	614515	62.28%	3.645%
69	11.475	1591	1595	1598	rVB	168604	203203	20.59%	1.205%
70	11.633	1619	1622	1627	rVB2	41162	62626	6.35%	0.371%
71	11.686	1627	1631	1635	rBV	257852	305339	30.95%	1.811%
72	11.851	1656	1659	1663	rBV2	23525	42168	4.27%	0.250%
73	11.898	1664	1667	1669	rVV	74663	99766	10.11%	0.592%
74	11.928	1669	1672	1677	rVV	109859	155571	15.77%	0.923%
75	11.975	1677	1680	1683	rVV2	50633	72684	7.37%	0.431%
76	12.010	1683	1686	1694	rVB2	153981	272138	27.58%	1.614%

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77	12.092	1696	1700	1705	rBV	204251	247082	25.04%	1.466%
78	12.192	1714	1717	1720	rBV	41276	49925	5.06%	0.296%
79	12.375	1745	1748	1756	rVB2	45134	76292	7.73%	0.453%
80	12.445	1757	1760	1763	rBV	52894	74547	7.56%	0.442%
81	12.480	1763	1766	1772	rVB	195379	275785	27.95%	1.636%
82	12.533	1772	1775	1780	rVB2	22942	28280	2.87%	0.168%
83	12.610	1784	1788	1793	rBV	696356	895803	90.79%	5.313%
84	12.763	1811	1814	1817	rVB2	25243	29659	3.01%	0.176%
85	12.839	1820	1827	1833	rBV	562899	986691	100.00%	5.852%
86	12.980	1844	1851	1858	rVB3	141021	273024	27.67%	1.619%
87	13.057	1859	1864	1871	rBV3	53284	118119	11.97%	0.701%
88	13.163	1876	1882	1886	rVB	121438	191262	19.38%	1.134%
89	13.210	1886	1890	1891	rBV	82034	93856	9.51%	0.557%
90	13.233	1891	1894	1897	rVV	99811	123674	12.53%	0.734%
91	13.269	1897	1900	1904	rVB2	54867	67049	6.80%	0.398%
92	13.551	1944	1948	1952	rBV	57910	87520	8.87%	0.519%
93	13.880	2001	2004	2011	rVB2	58452	84894	8.60%	0.504%
94	14.027	2024	2029	2033	rBV2	387289	671980	68.10%	3.986%
95	14.139	2045	2048	2052	rVB	49299	54887	5.56%	0.326%
96	15.080	2203	2208	2216	rBV	183920	409156	41.47%	2.427%
97	15.380	2256	2259	2265	rVB	90440	137959	13.98%	0.818%
98	15.445	2265	2270	2276	rBV	147204	225583	22.86%	1.338%
99	15.504	2276	2280	2284	rBV	108849	182336	18.48%	1.082%
100	16.974	2527	2530	2539	rVB2	57119	111152	11.27%	0.659%

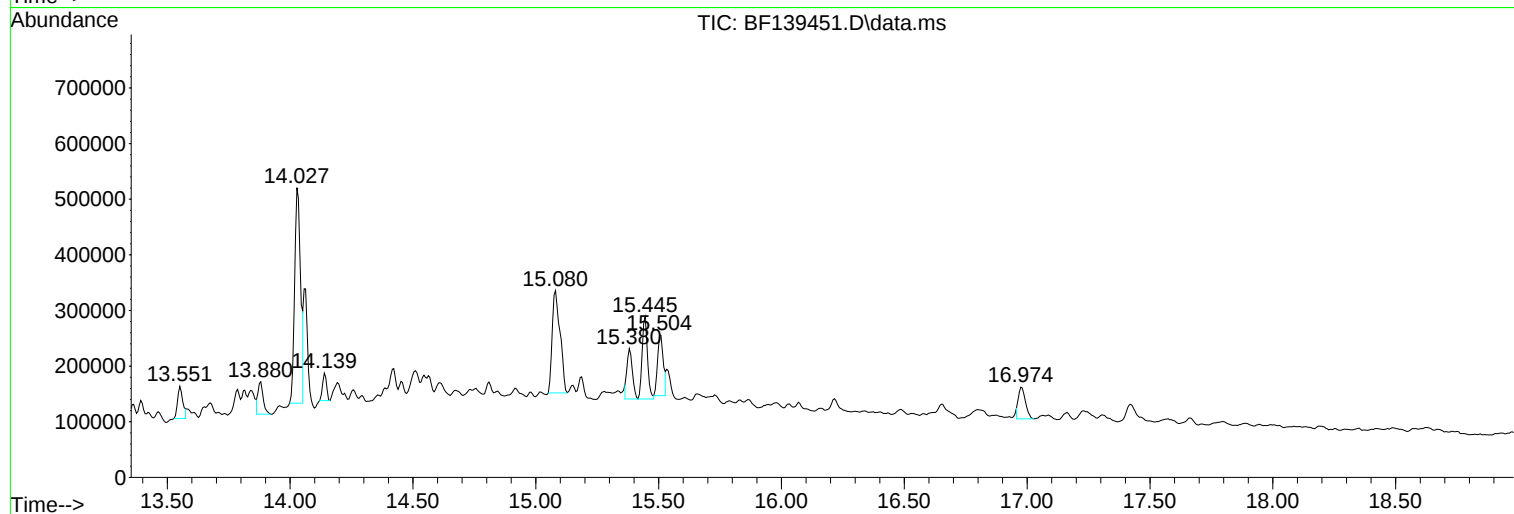
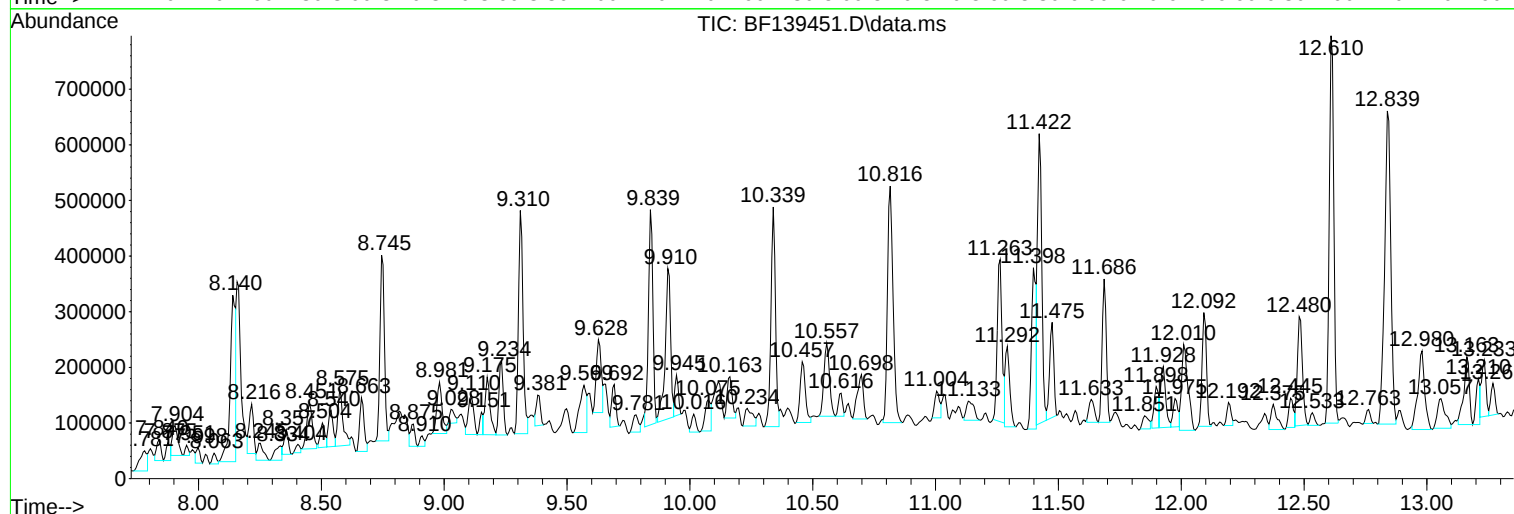
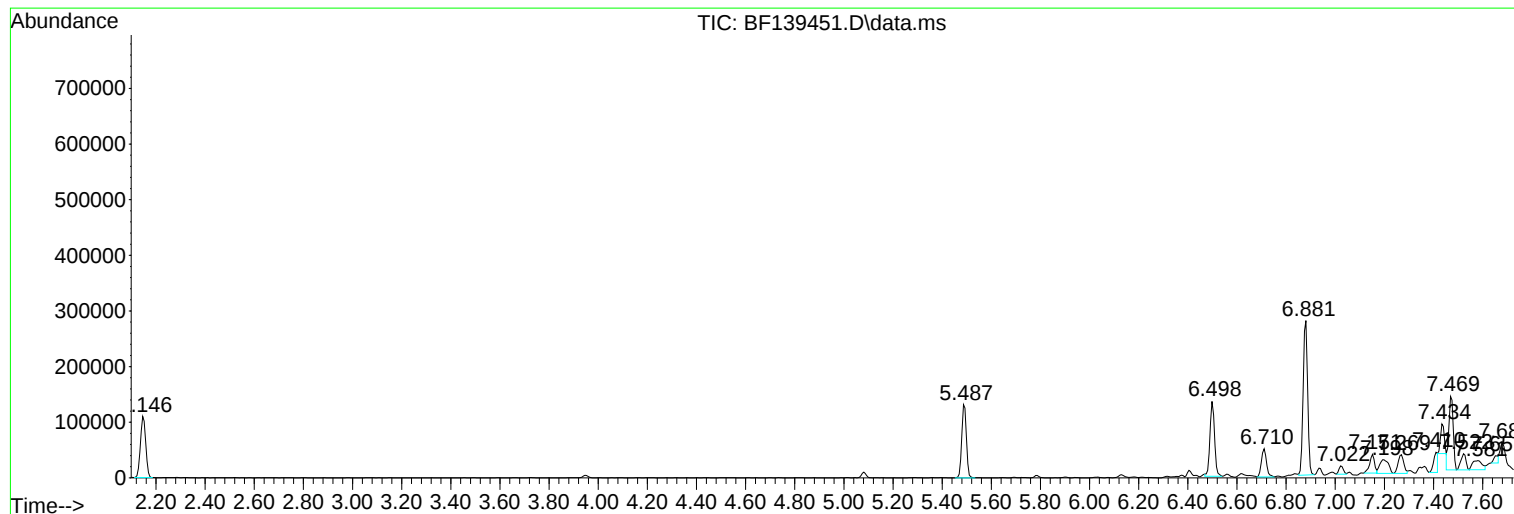
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Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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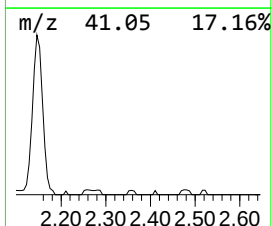
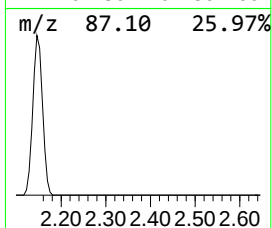
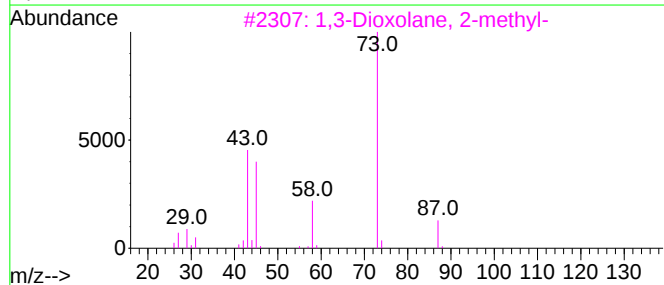
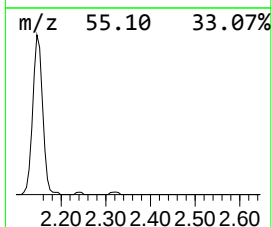
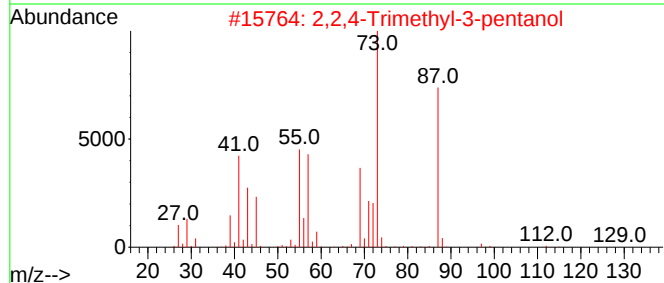
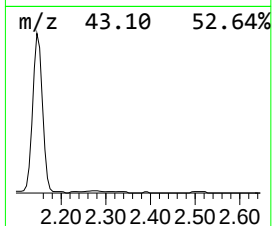
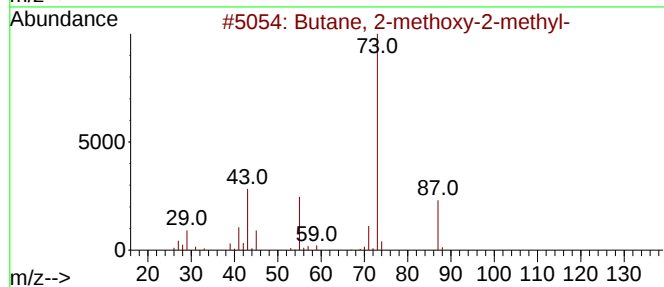
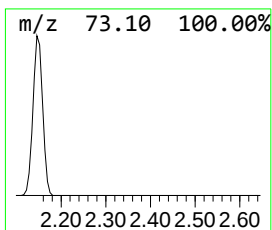
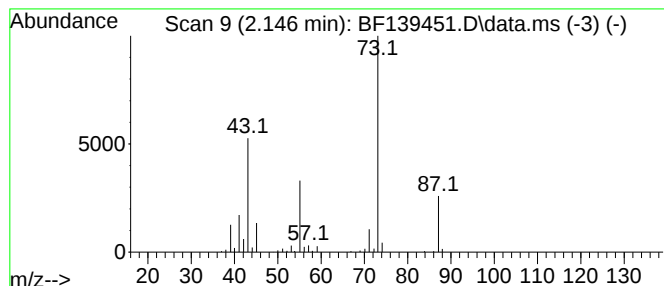
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.146	9.34 ng	165092	1,4-Dichlorobenzene-d4	6.881

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	39
3			1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	37
4			Silane, tetramethyl-	88	C4H12Si	000075-76-3	35
5			3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	23



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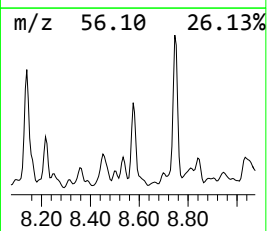
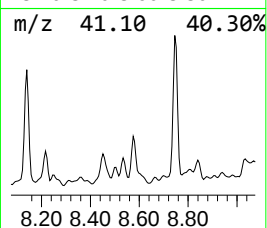
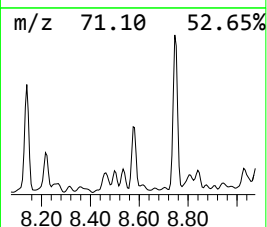
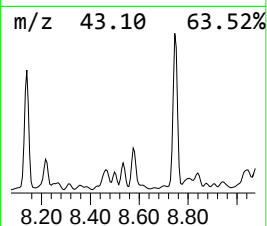
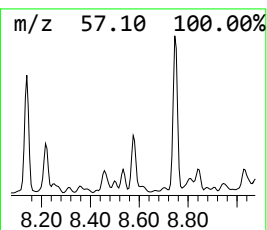
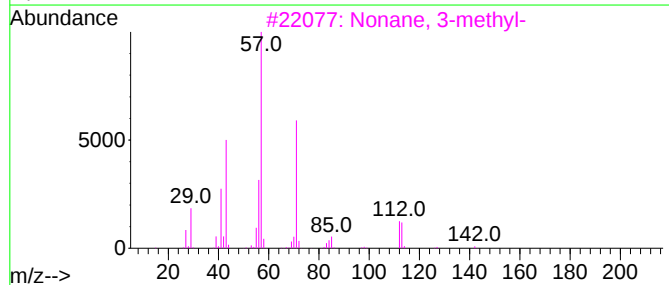
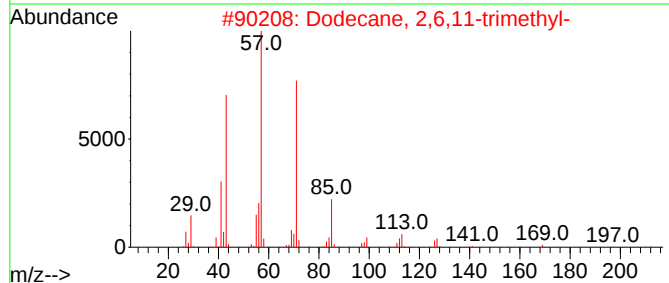
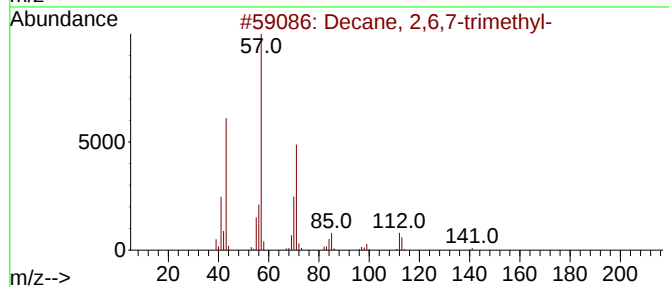
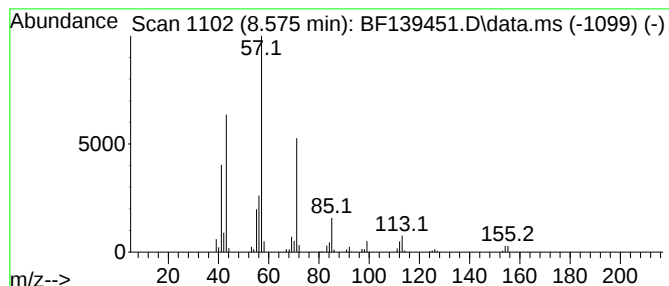
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Decane, 2,6,7-trimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.575	6.32 ng	151571	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, 2,6,11-trimethyl-	212	C15H32	031295-56-4	78
3			Nonane, 3-methyl-	142	C10H22	005911-04-6	72
4			Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	72
5			Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1010309-19-2	59



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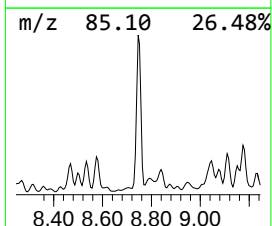
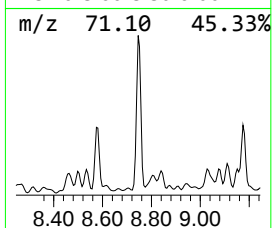
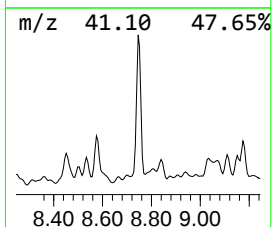
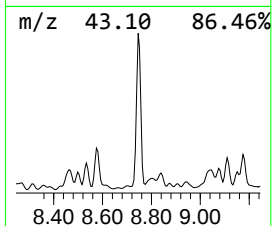
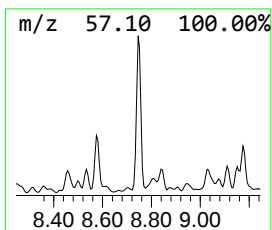
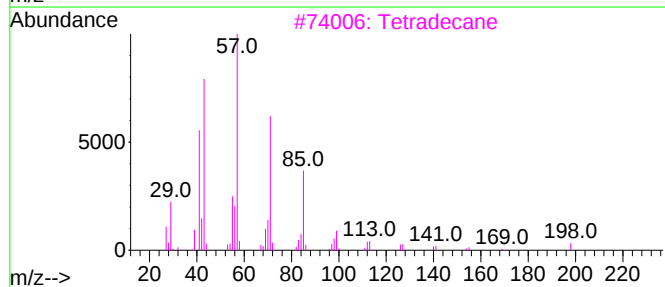
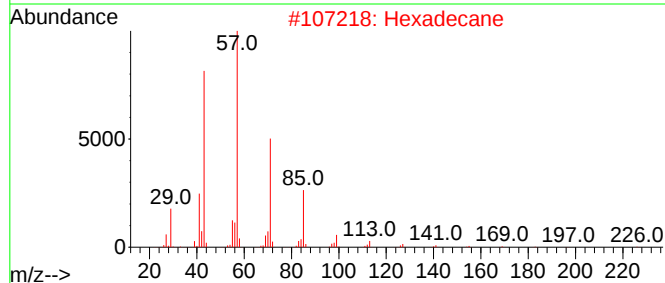
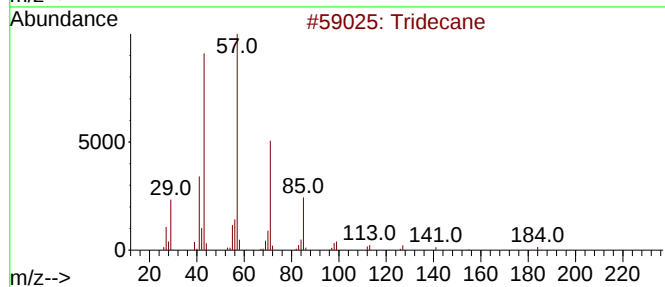
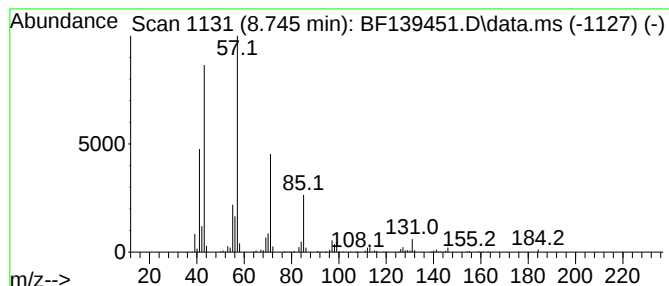
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Tridecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.745	17.73 ng	425537	Naphthalene-d8	8.163

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane	184	C13H28	000629-50-5	93
2			Hexadecane	226	C16H34	000544-76-3	86
3			Tetradecane	198	C14H30	000629-59-4	86
4			Heptadecane	240	C17H36	000629-78-7	86
5			Undecane, 4,8-dimethyl-	184	C13H28	017301-33-6	74



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091824\
Data File : BF139451.D
Acq On : 19 Sep 2024 03:22
Operator : RC/JU
Sample : P4098-03 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-04-091724

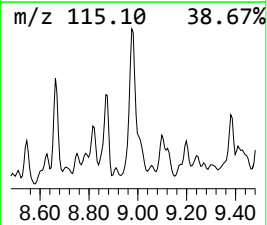
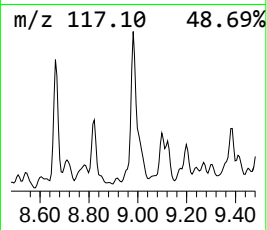
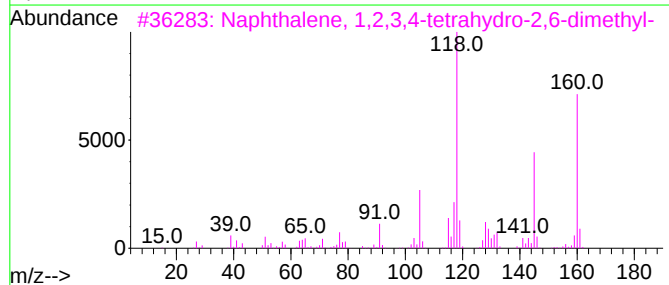
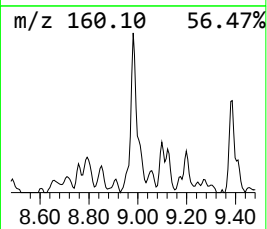
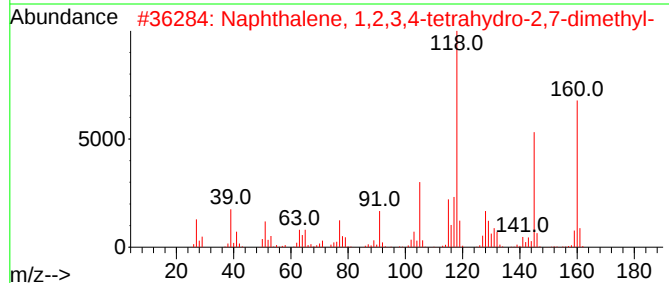
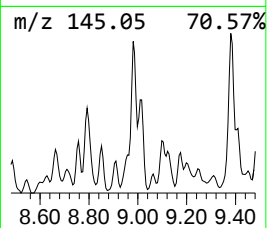
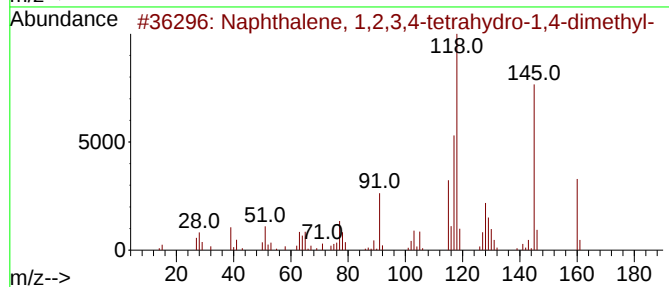
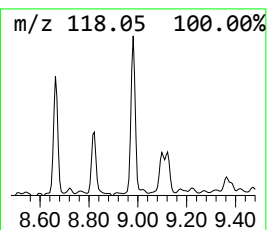
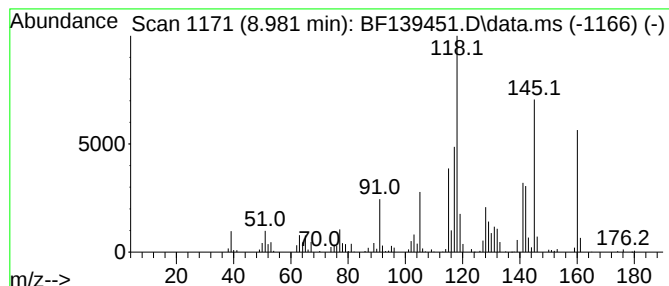
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Naphthalene, 1,2,3,4-tetrahydro-... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.981	5.88 ng	141073	Naphthalene-d8	8.163

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	93
2			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	013065-07-1	86
3			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	007524-63-2	70
4			1(2H)-Naphthalenone, 3,4-dihydro...	160	C11H12O	014944-23-1	58
5			Diboroxide, trimethylphenyl-	160	C9H14B2O	1000162-60-0	45



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091824\
Data File : BF139451.D
Acq On : 19 Sep 2024 03:22
Operator : RC/JU
Sample : P4098-03 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-04-091724

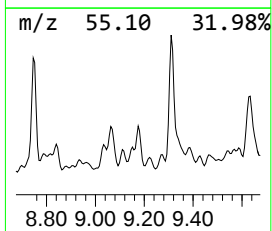
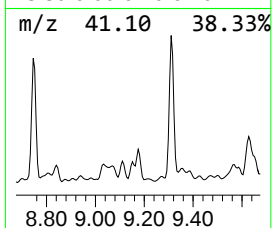
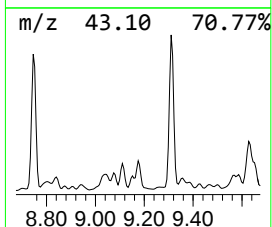
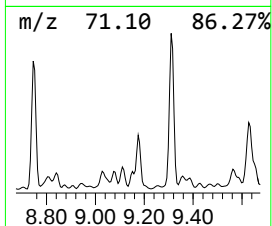
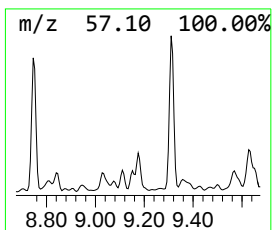
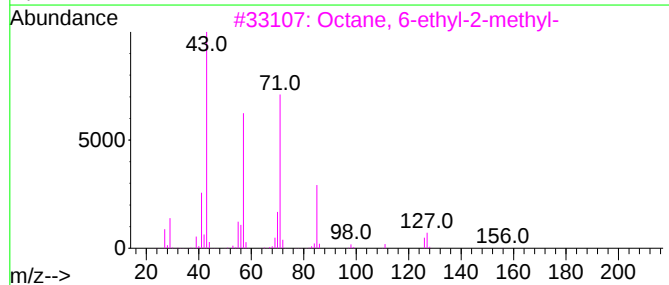
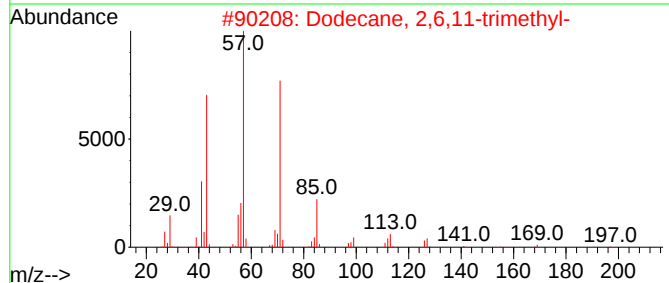
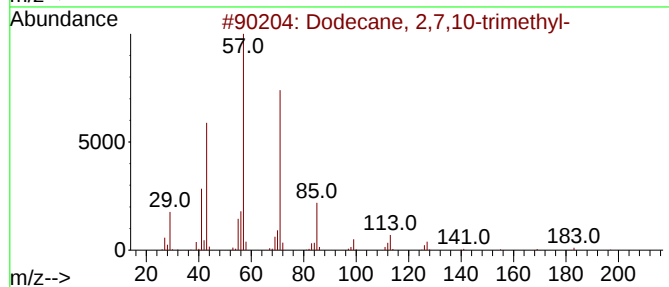
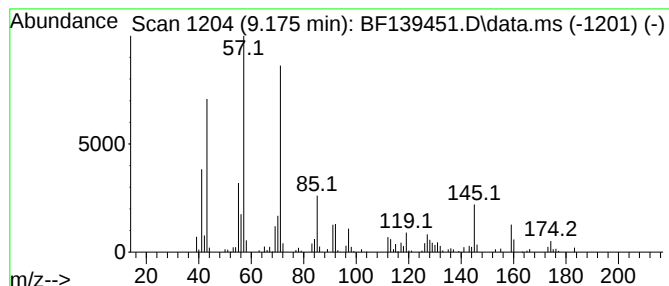
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Dodecane, 2,7,10-trimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.175	7.07 ng	145218	Acenaphthene-d10	9.916

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	52
2			Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	50
3			Octane, 6-ethyl-2-methyl-	156	C11H24	062016-19-7	47
4			Octane, 2,3,6-trimethyl-	156	C11H24	062016-33-5	46
5			Octane, 2,3,7-trimethyl-	156	C11H24	062016-34-6	43



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091824\
Data File : BF139451.D
Acq On : 19 Sep 2024 03:22
Operator : RC/JU
Sample : P4098-03 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-04-091724

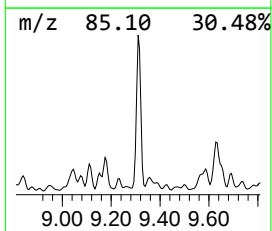
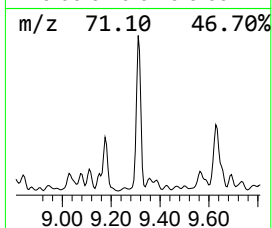
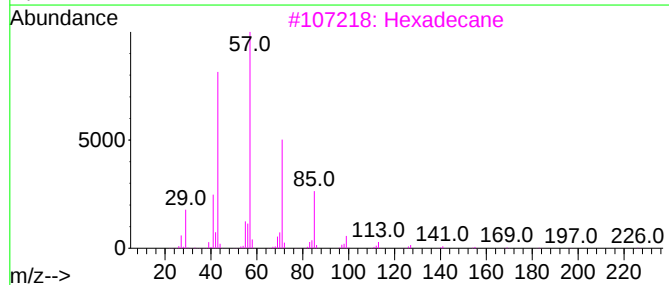
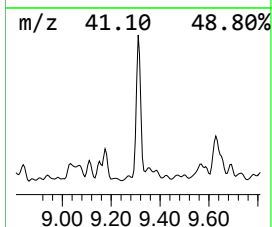
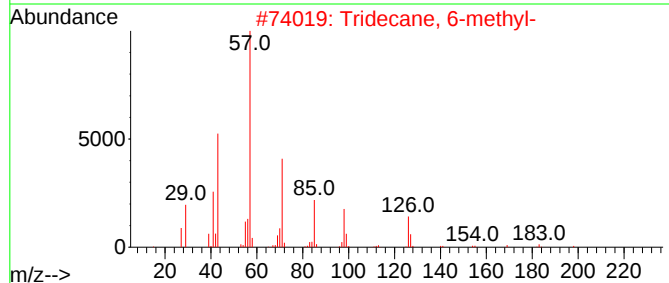
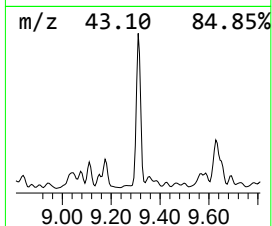
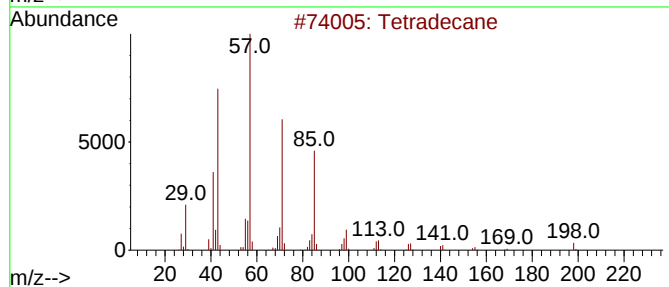
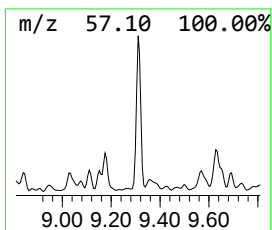
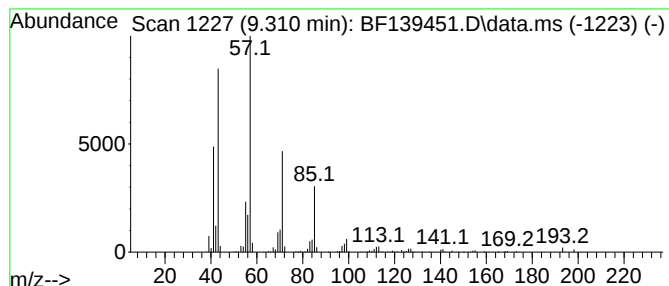
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Tetradecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.310	25.38 ng	521454	Acenaphthene-d10	9.916

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tetradecane	198	C14H30	000629-59-4	94
2		Tridecane, 6-methyl-	198	C14H30	013287-21-3	91
3		Hexadecane	226	C16H34	000544-76-3	90
4		Nonadecane	268	C19H40	000629-92-5	90
5		Heptadecane	240	C17H36	000629-78-7	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091824\
Data File : BF139451.D
Acq On : 19 Sep 2024 03:22
Operator : RC/JU
Sample : P4098-03 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
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ClientSampleId :
HR-04-091724

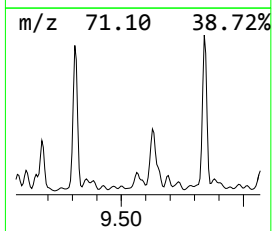
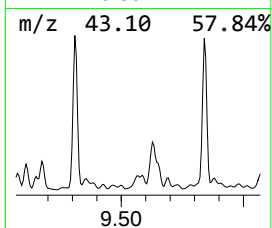
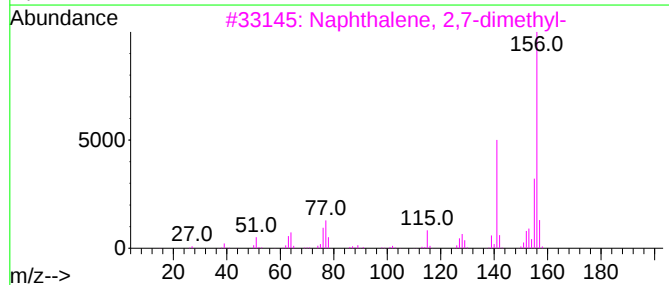
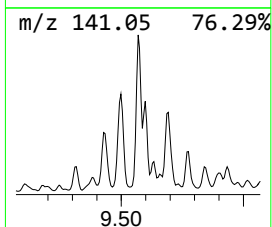
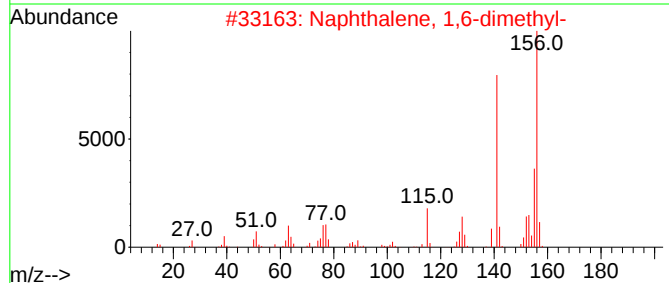
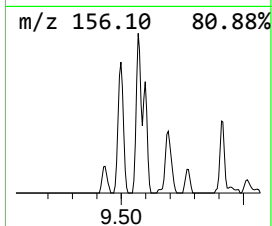
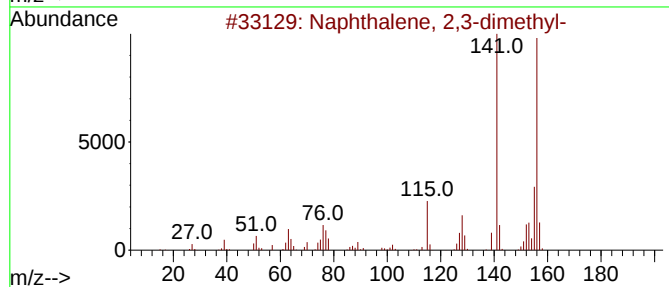
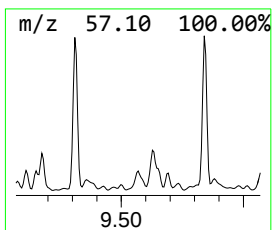
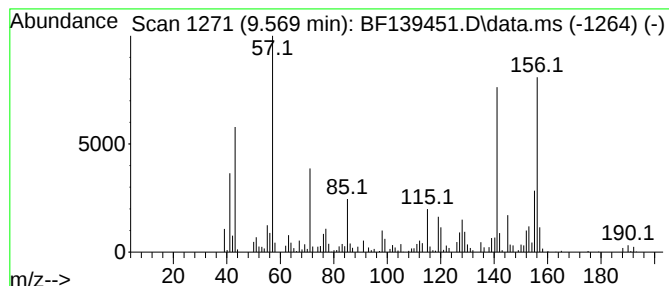
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Naphthalene, 2,3-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.569	8.25 ng	169462	Acenaphthene-d10	9.916

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
3			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
4			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
5			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091824\
Data File : BF139451.D
Acq On : 19 Sep 2024 03:22
Operator : RC/JU
Sample : P4098-03 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-04-091724

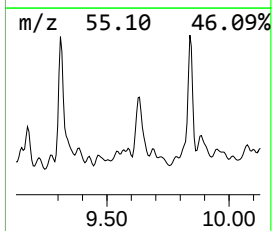
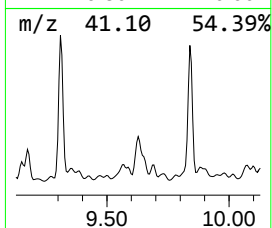
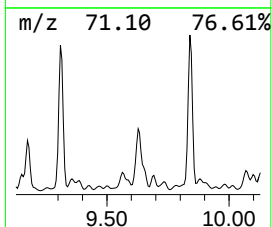
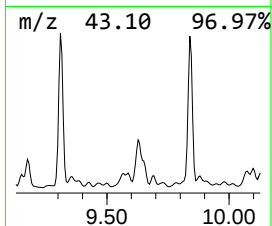
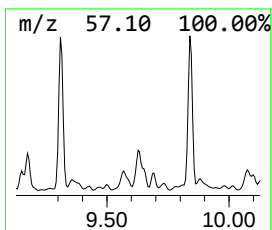
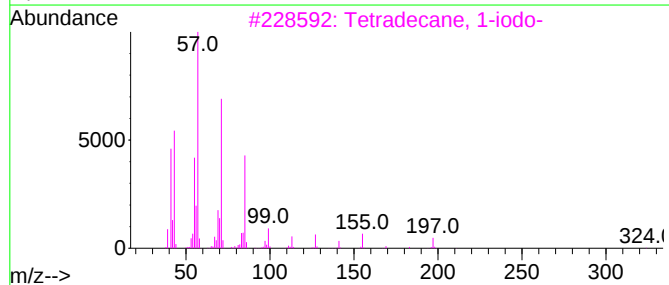
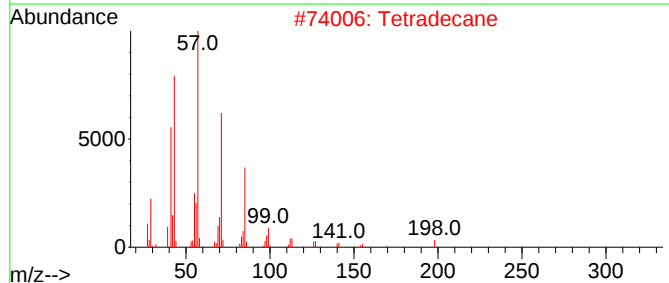
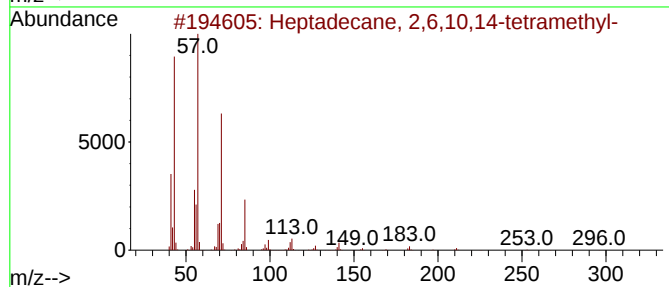
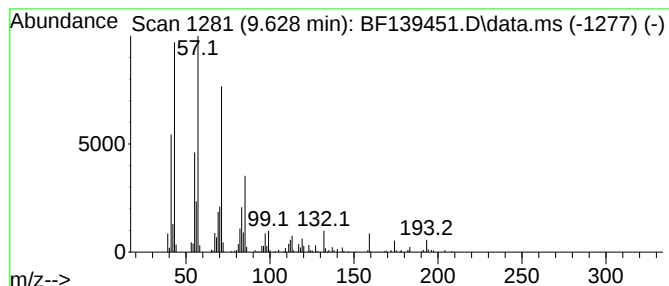
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Heptadecane, 2,6,10,14-tetr... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.628	9.25 ng	190056	Acenaphthene-d10	9.916

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heptadecane, 2,6,10,14-tetramethyl-	296	C21H44	018344-37-1	72
2		Tetradecane	198	C14H30	000629-59-4	72
3		Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	72
4		Hexadecane, 2,6,11,15-tetramethyl-	282	C20H42	000504-44-9	72
5		Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091824\
Data File : BF139451.D
Acq On : 19 Sep 2024 03:22
Operator : RC/JU
Sample : P4098-03 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

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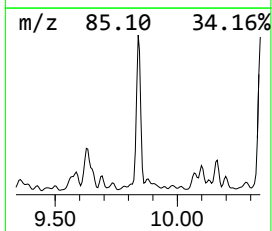
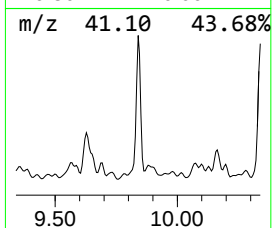
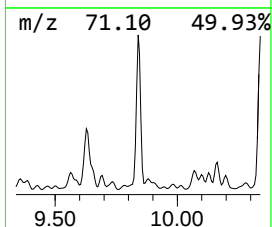
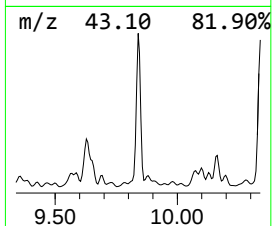
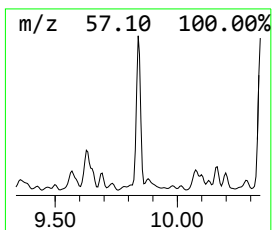
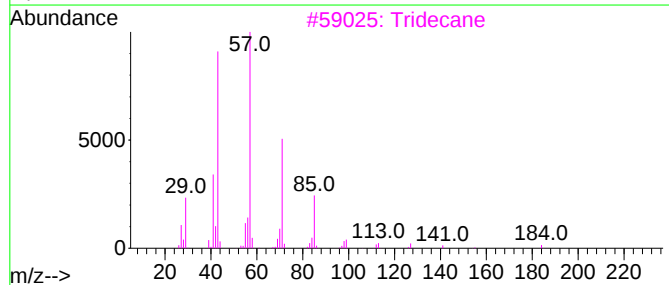
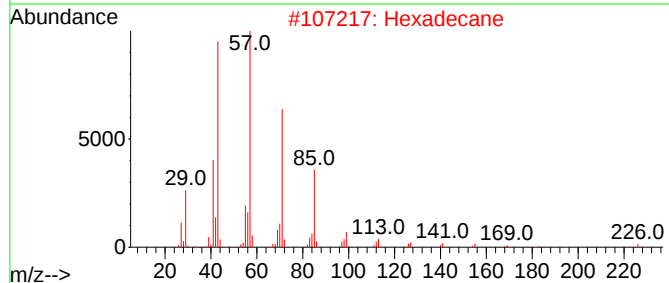
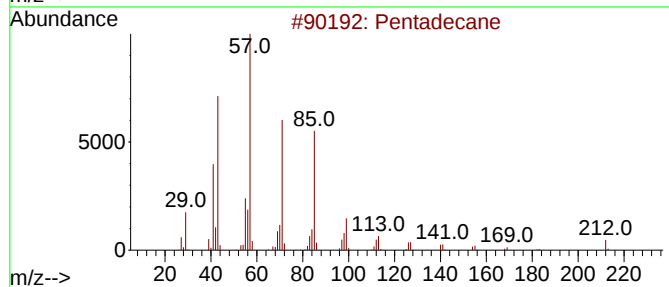
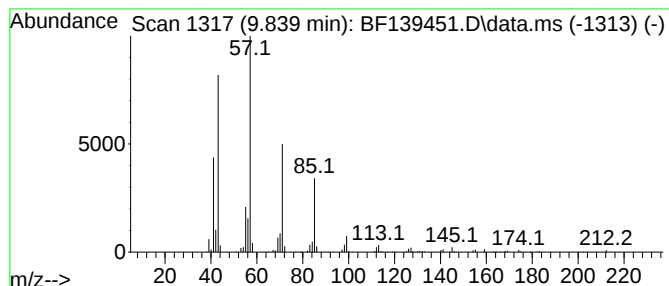
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Pentadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.839	23.65 ng	486020	Acenaphthene-d10	9.916

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentadecane	212	C15H32	000629-62-9	93
2			Hexadecane	226	C16H34	000544-76-3	91
3			Tridecane	184	C13H28	000629-50-5	90
4			Undecane	156	C11H24	001120-21-4	86
5			Dodecane, 1-iodo-	296	C12H25I	004292-19-7	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091824\
Data File : BF139451.D
Acq On : 19 Sep 2024 03:22
Operator : RC/JU
Sample : P4098-03 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-04-091724

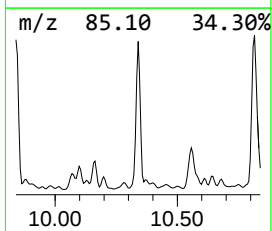
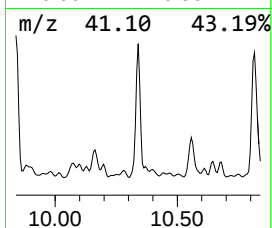
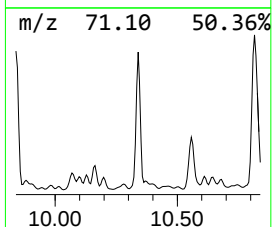
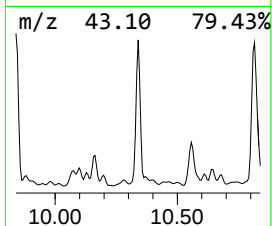
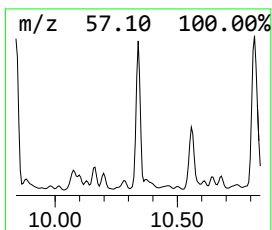
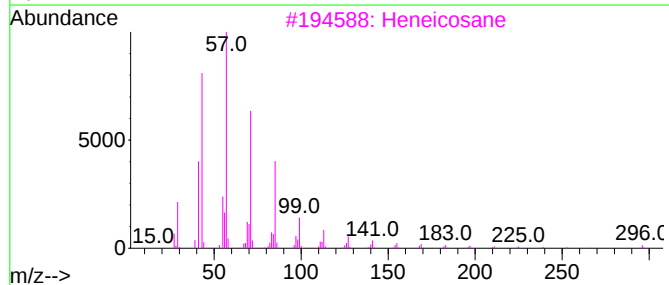
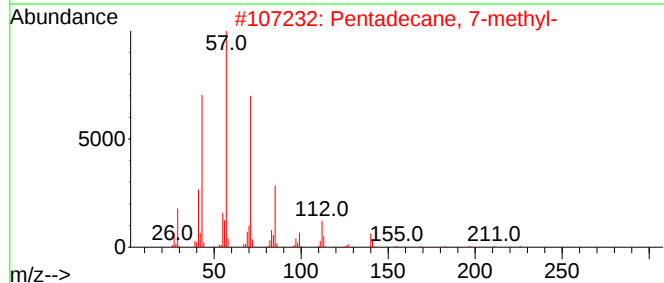
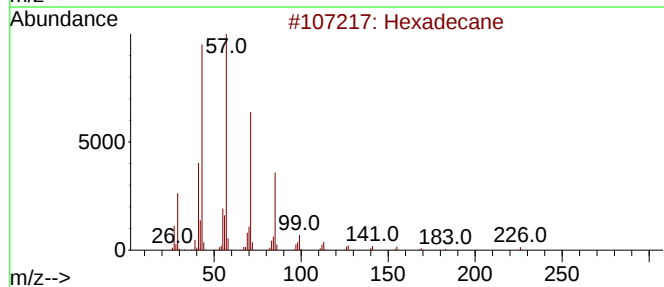
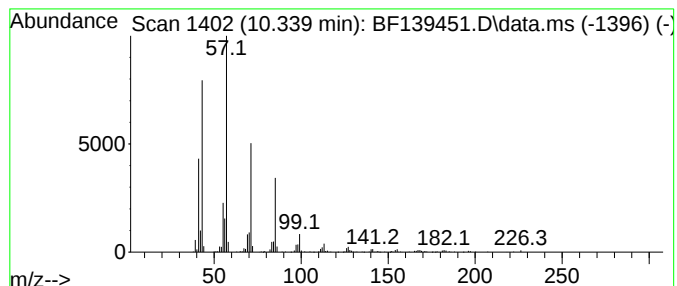
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Hexadecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.339	24.73 ng	508262	Acenaphthene-d10	9.916

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane	226	C16H34	000544-76-3	93
2			Pentadecane, 7-methyl-	226	C16H34	006165-40-8	91
3			Heneicosane	296	C21H44	000629-94-7	90
4			Tridecane	184	C13H28	000629-50-5	90
5			Nonadecane	268	C19H40	000629-92-5	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091824\
Data File : BF139451.D
Acq On : 19 Sep 2024 03:22
Operator : RC/JU
Sample : P4098-03 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

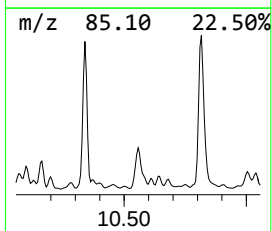
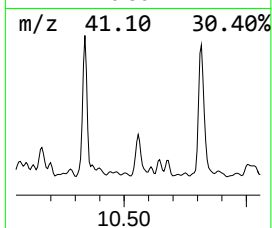
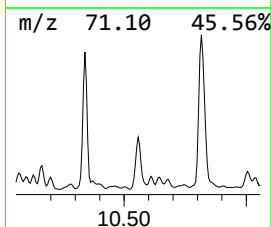
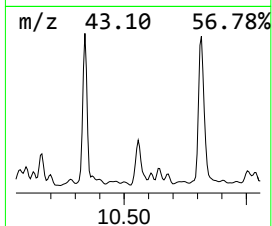
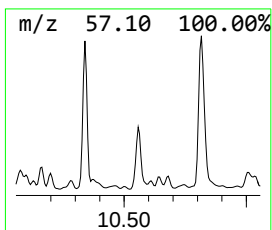
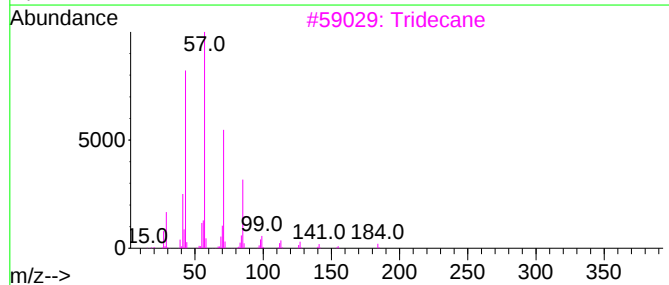
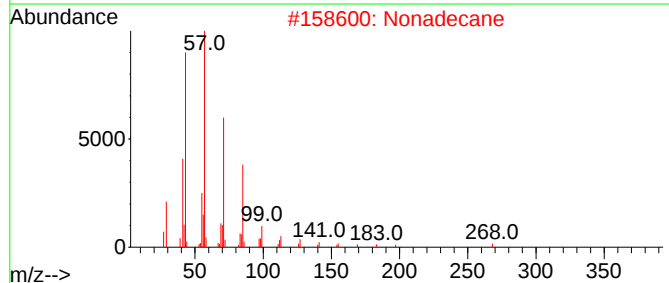
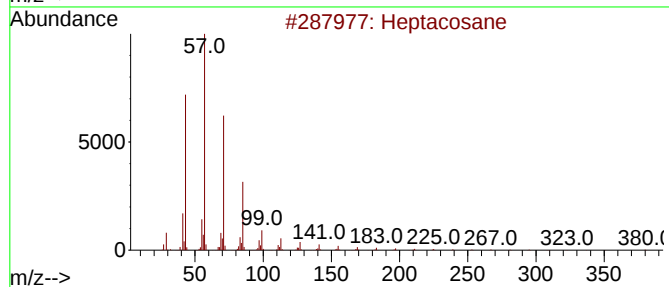
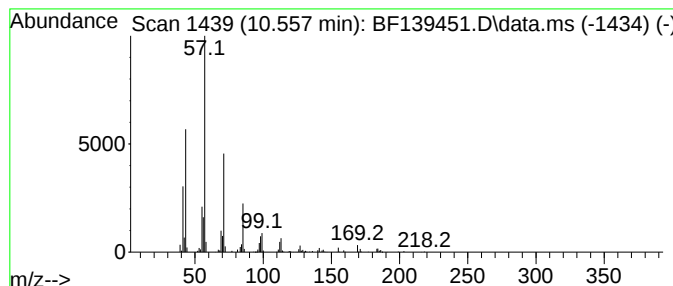
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ClientSampleId :
HR-04-091724

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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 Heptacosane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD		R.T.	
10.557	10.11 ng	207775	Acenaphthene-d10		9.916	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Heptacosane		380	C27H56	000593-49-7	87
2	Nonadecane		268	C19H40	000629-92-5	74
3	Tridecane		184	C13H28	000629-50-5	74
4	Eicosane		282	C20H42	000112-95-8	72
5	Heneicosane		296	C21H44	000629-94-7	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091824\
Data File : BF139451.D
Acq On : 19 Sep 2024 03:22
Operator : RC/JU
Sample : P4098-03 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-04-091724

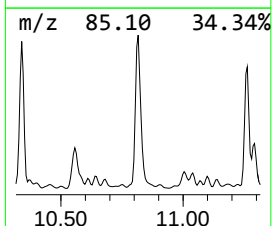
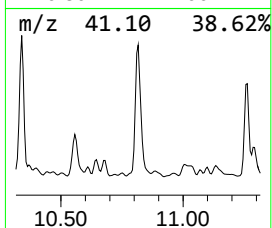
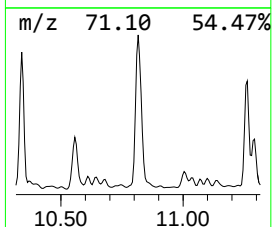
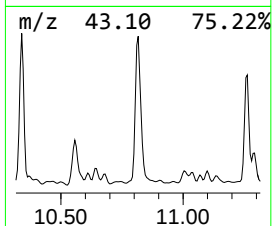
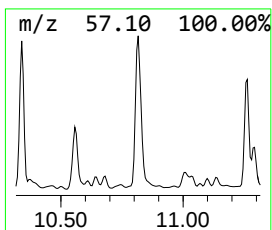
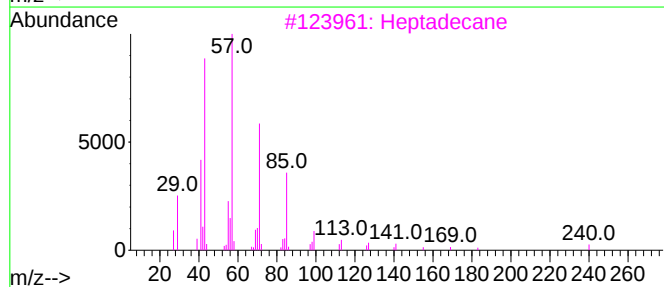
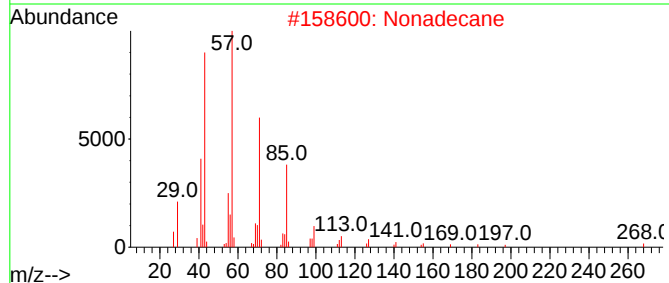
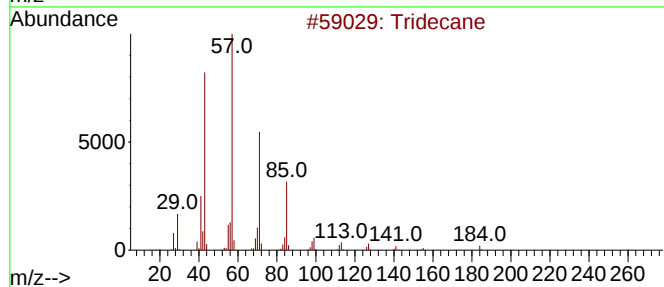
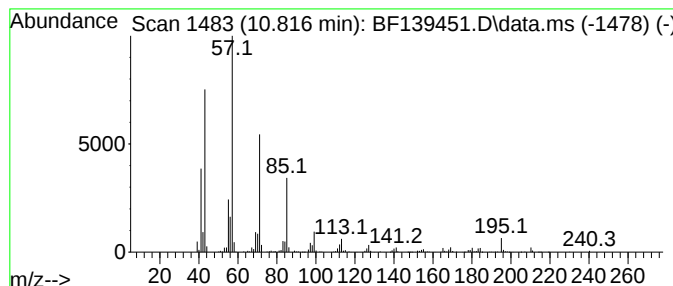
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Nonadecane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.816	33.56 ng	673288	Phenanthrene-d10	11.398

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane	184	C13H28	000629-50-5	93
2			Nonadecane	268	C19H40	000629-92-5	87
3			Heptadecane	240	C17H36	000629-78-7	83
4			Heptacosane	380	C27H56	000593-49-7	83
5			Undecane, 3-methyl-	170	C12H26	001002-43-3	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091824\
Data File : BF139451.D
Acq On : 19 Sep 2024 03:22
Operator : RC/JU
Sample : P4098-03 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
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ClientSampleId :
HR-04-091724

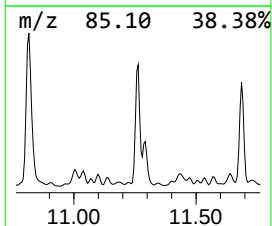
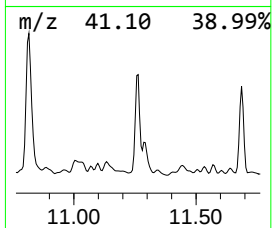
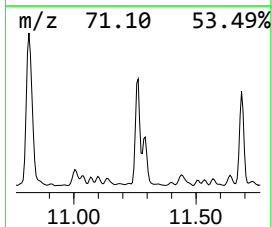
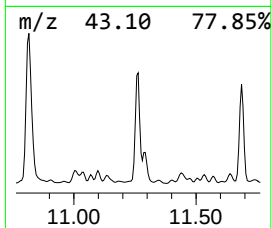
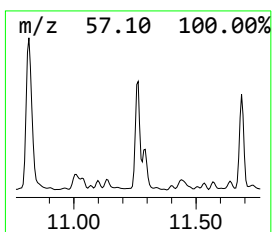
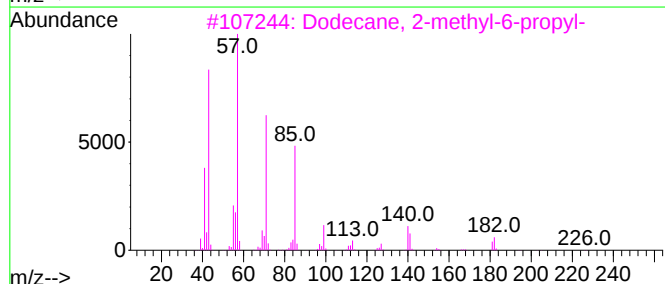
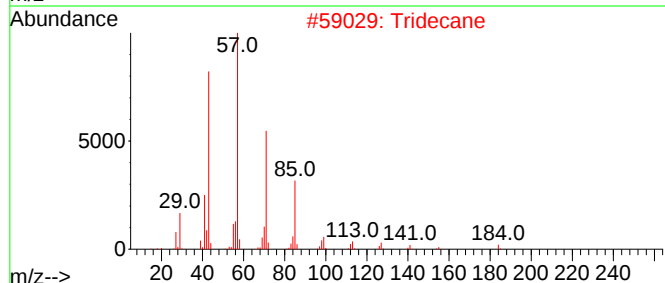
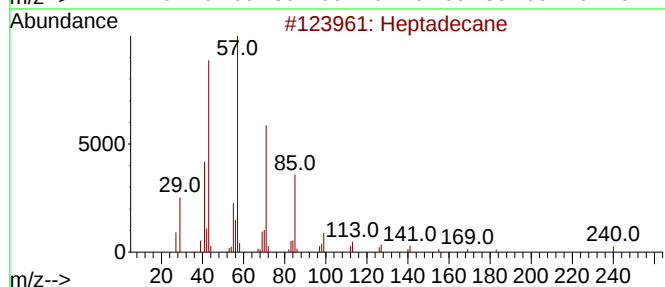
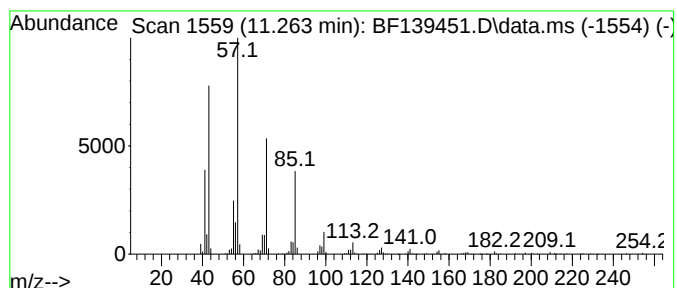
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Heptadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.263	20.25 ng	406177	Phenanthrene-d10	11.398

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heptadecane	240	C17H36	000629-78-7	91
2		Tridecane	184	C13H28	000629-50-5	90
3		Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	90
4		Eicosane	282	C20H42	000112-95-8	90
5		Pentadecane	212	C15H32	000629-62-9	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091824\
Data File : BF139451.D
Acq On : 19 Sep 2024 03:22
Operator : RC/JU
Sample : P4098-03 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-04-091724

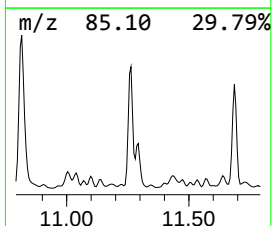
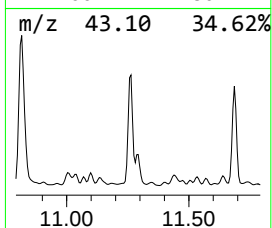
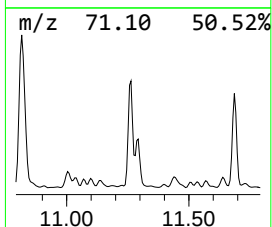
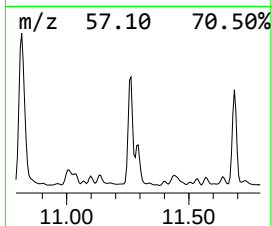
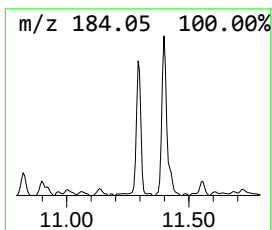
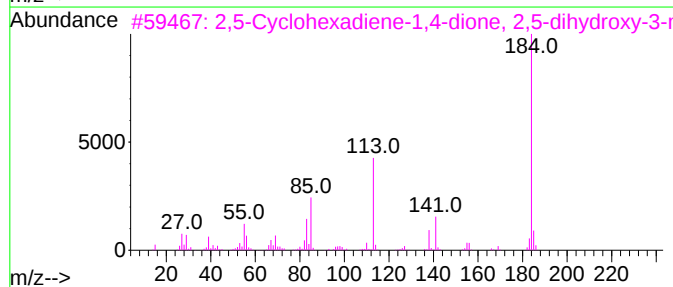
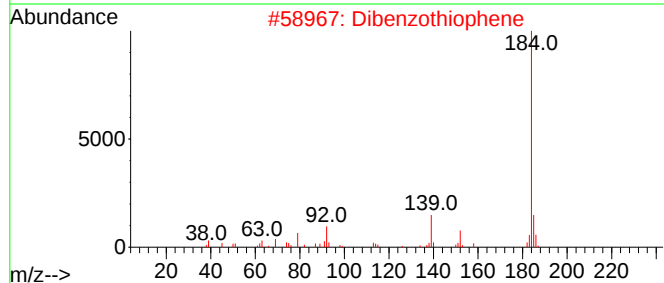
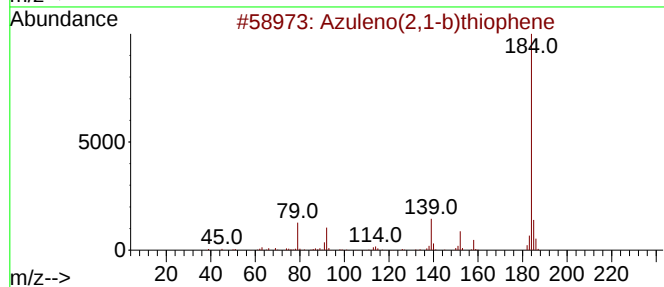
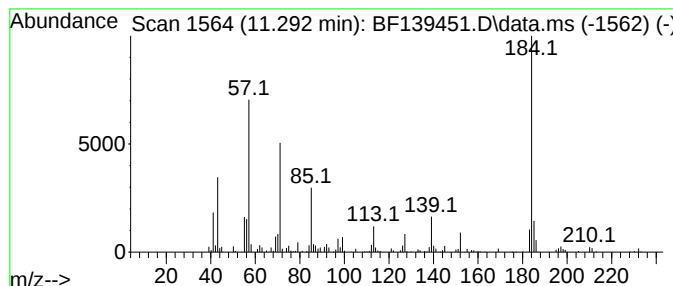
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Azuleno(2,1-b)thiophene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.292	8.56 ng	171792	Phenanthrene-d10	11.398

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	64
2			Dibenzothiophene	184	C12H8S	000132-65-0	64
3			2,5-Cyclohexadiene-1,4-dione, 2,...	184	C8H8O5	000085-23-4	50
4			Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	49
5			Benzidine	184	C12H12N2	000092-87-5	43



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091824\
Data File : BF139451.D
Acq On : 19 Sep 2024 03:22
Operator : RC/JU
Sample : P4098-03 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
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ClientSampleId :
HR-04-091724

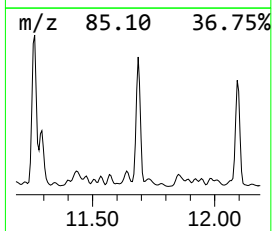
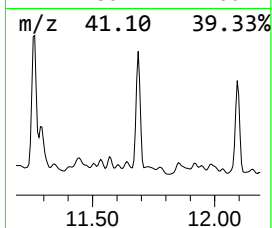
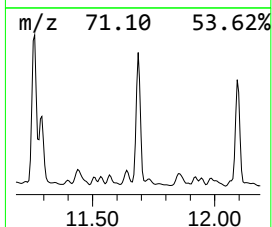
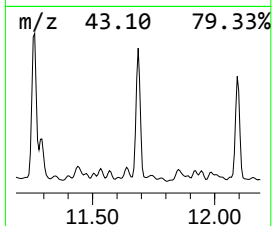
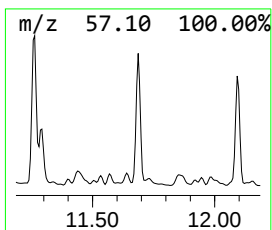
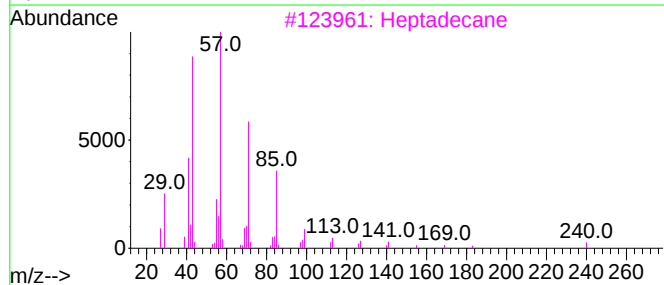
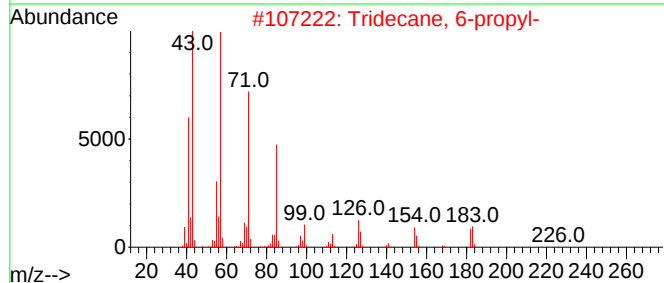
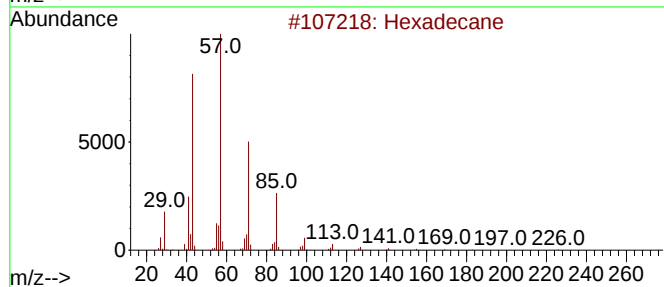
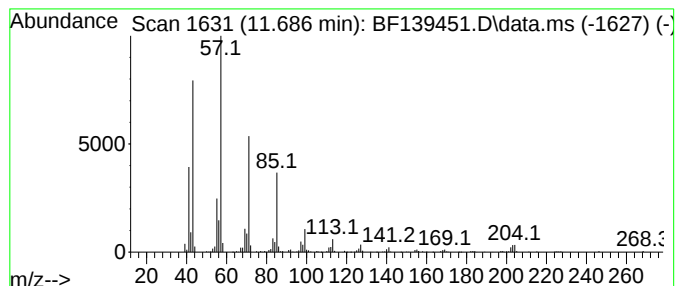
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Tridecane, 6-propyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.686	15.22 ng	305339	Phenanthrene-d10	11.398

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane	226	C16H34	000544-76-3	96
2			Tridecane, 6-propyl-	226	C16H34	055045-10-8	91
3			Heptadecane	240	C17H36	000629-78-7	91
4			Heneicosane	296	C21H44	000629-94-7	91
5			Nonadecane	268	C19H40	000629-92-5	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091824\
Data File : BF139451.D
Acq On : 19 Sep 2024 03:22
Operator : RC/JU
Sample : P4098-03 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
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ClientSampleId :
HR-04-091724

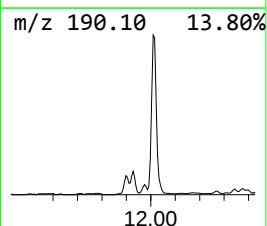
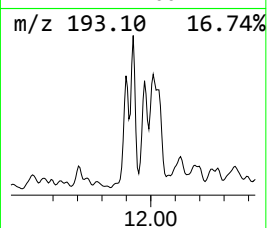
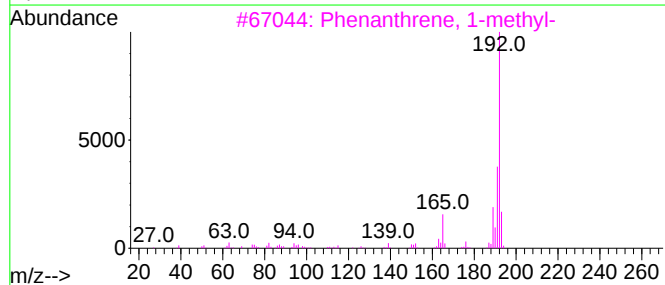
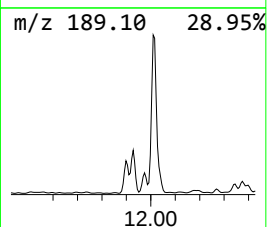
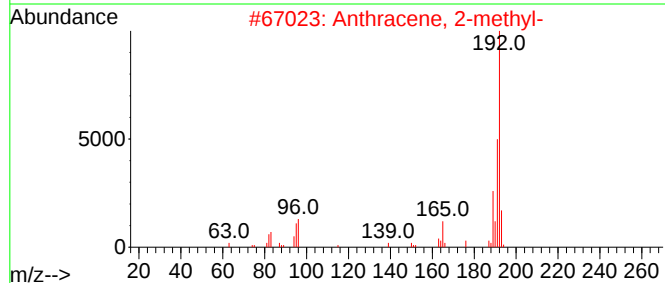
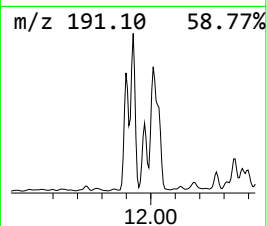
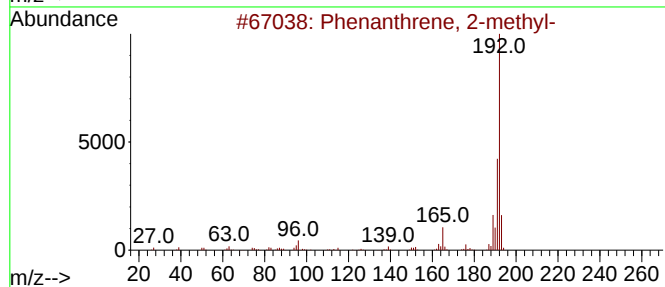
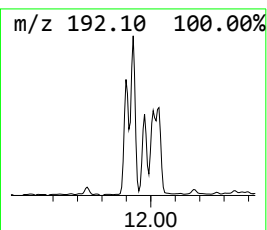
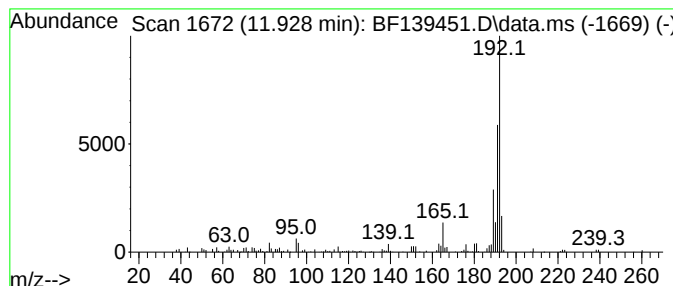
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Phenanthrene, 2-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.928	7.75 ng	155571	Phenanthrene-d10	11.398

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
2			Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
3			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
4			1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	92
5			Anthracene, 1-methyl-	192	C15H12	000610-48-0	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091824\
Data File : BF139451.D
Acq On : 19 Sep 2024 03:22
Operator : RC/JU
Sample : P4098-03 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-04-091724

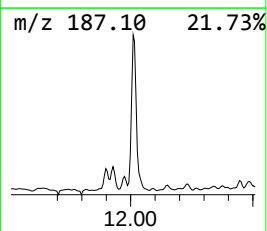
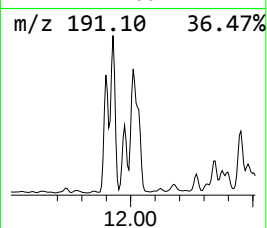
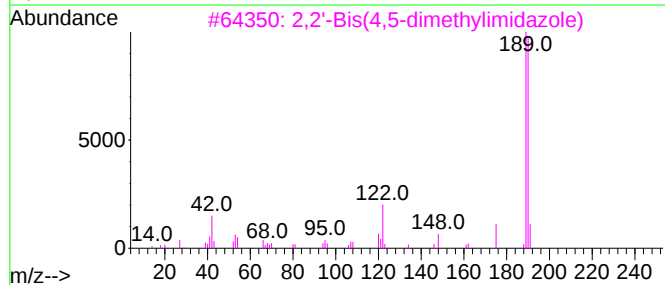
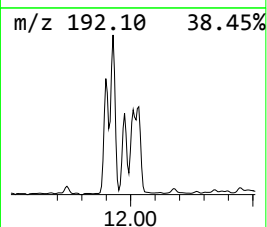
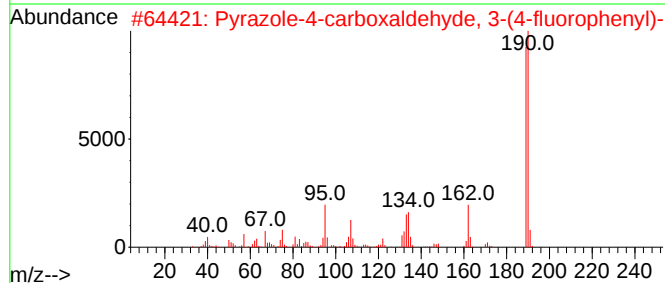
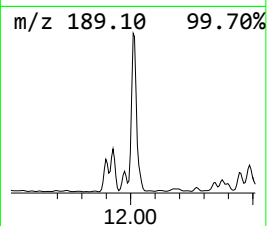
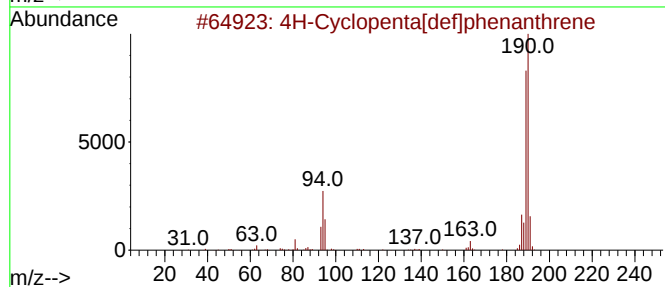
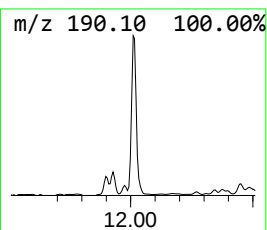
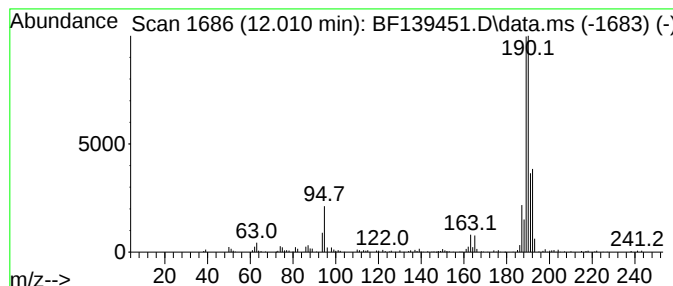
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 4H-Cyclopenta[def]phenanthrene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.010	13.56 ng	272138	Phenanthrene-d10	11.398

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	81
2			Pyrazole-4-carboxaldehyde, 3-(4-...	190	C10H7FN2O	306936-57-2	50
3			2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	38
4			4-Oxo-2-(4-fluorophenyl)-3,4-dih...	190	C10H7FN2O	076128-79-5	22
5			Methyl 2-chloro-5-nitrothiophene...	221	C6H4ClNO4S	1000436-96-2	17



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091824\
Data File : BF139451.D
Acq On : 19 Sep 2024 03:22
Operator : RC/JU
Sample : P4098-03 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-04-091724

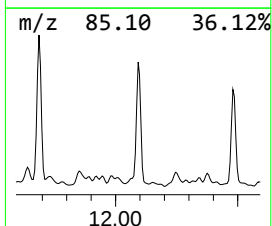
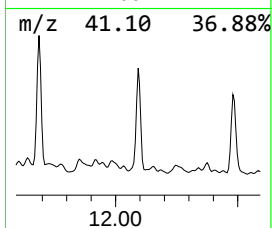
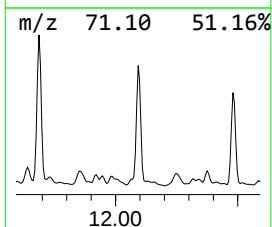
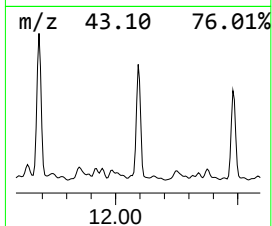
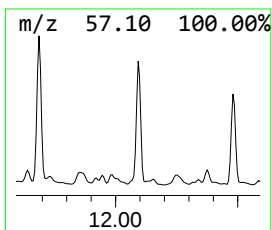
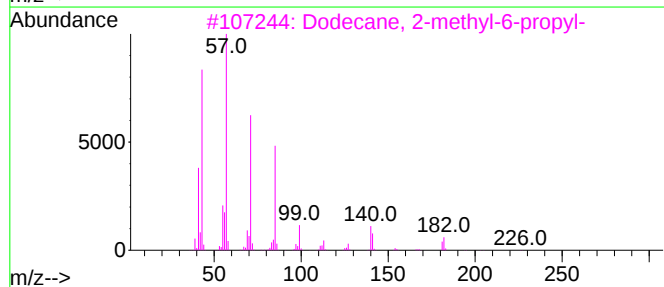
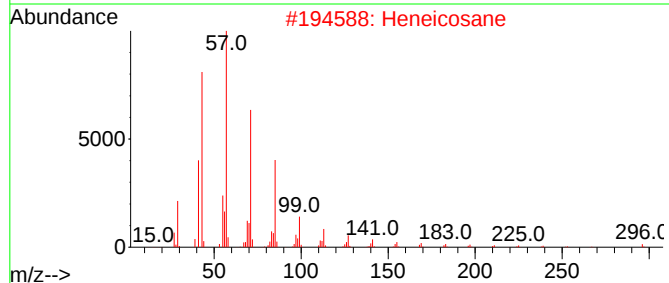
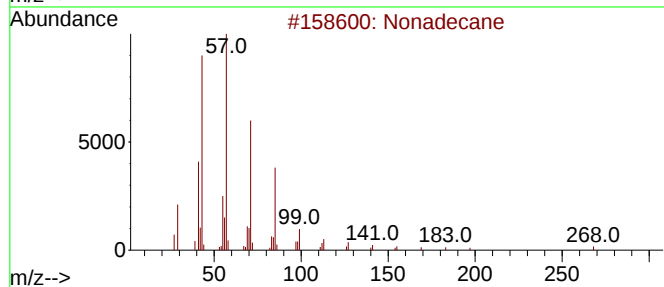
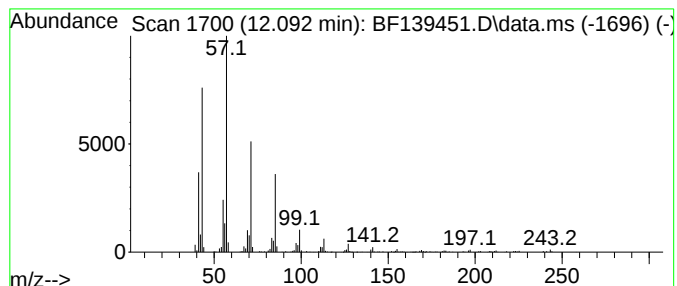
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Heneicosane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.092	12.32 ng	247082	Phenanthrene-d10	11.398

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Nonadecane	268	C19H40	000629-92-5	91
2		Heneicosane	296	C21H44	000629-94-7	91
3		Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	90
4		Eicosane	282	C20H42	000112-95-8	90
5		Hexadecane	226	C16H34	000544-76-3	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091824\
Data File : BF139451.D
Acq On : 19 Sep 2024 03:22
Operator : RC/JU
Sample : P4098-03 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-04-091724

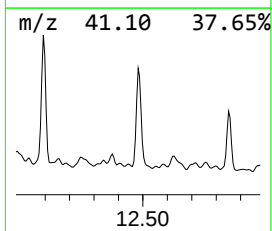
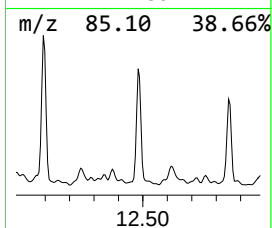
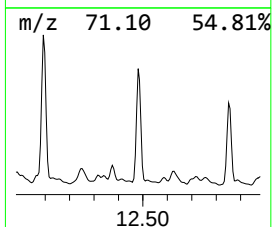
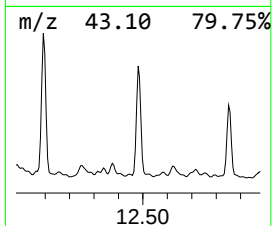
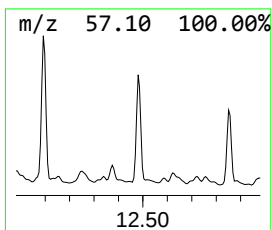
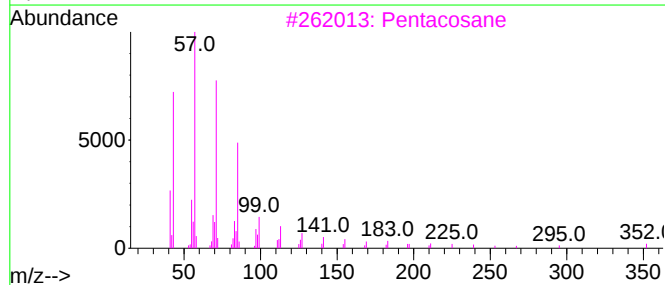
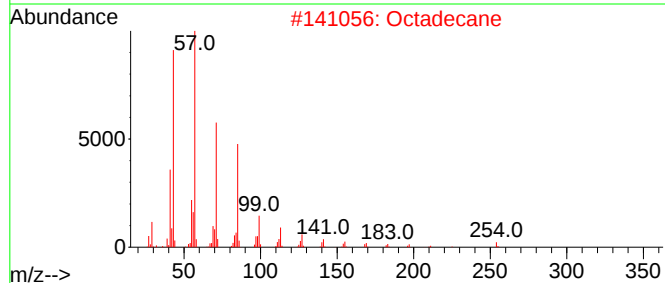
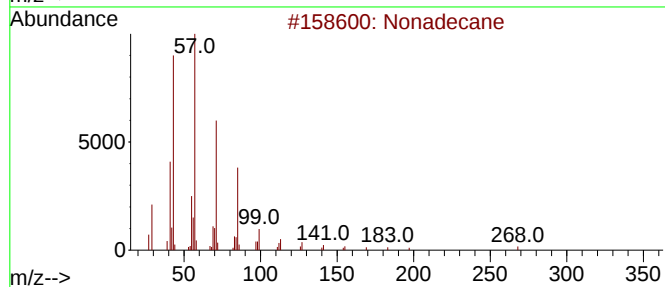
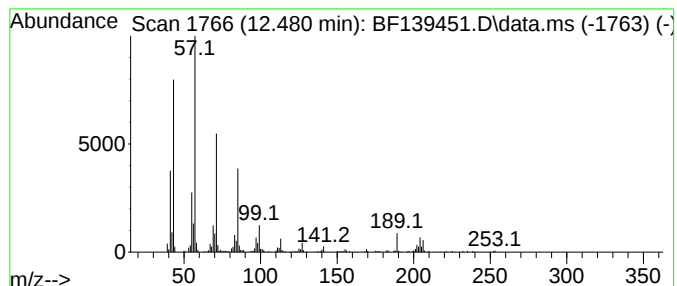
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Octadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.480	13.75 ng	275785	Phenanthrene-d10	11.398

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonadecane	268	C19H40	000629-92-5	87
2			Octadecane	254	C18H38	000593-45-3	87
3			Pentacosane	352	C25H52	000629-99-2	87
4			Heptadecane	240	C17H36	000629-78-7	87
5			Heneicosane	296	C21H44	000629-94-7	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091824\
Data File : BF139451.D
Acq On : 19 Sep 2024 03:22
Operator : RC/JU
Sample : P4098-03 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-04-091724

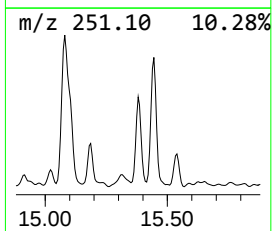
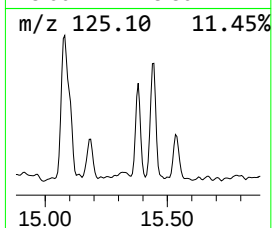
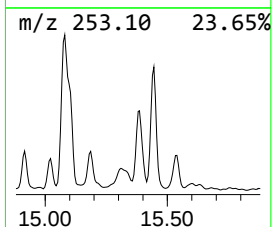
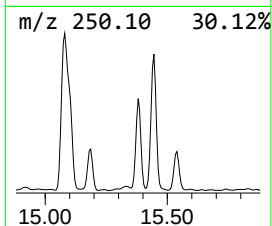
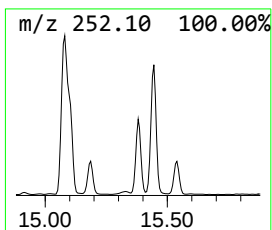
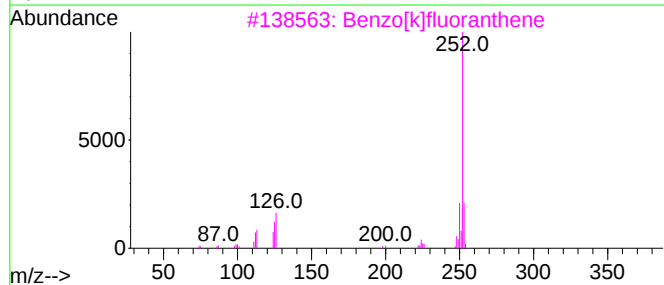
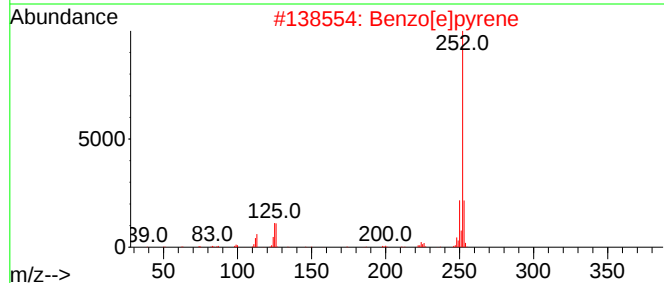
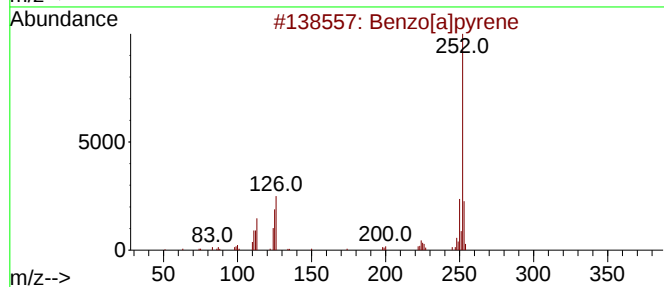
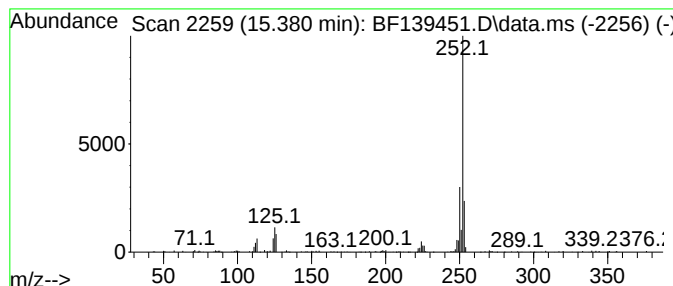
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Benzo[e]pyrene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.380	15.13 ng	137959	Perylene-d12	15.510

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[a]pyrene	252	C20H12	000050-32-8	95
2			Benzo[e]pyrene	252	C20H12	000192-97-2	94
3			Benzo[k]fluoranthene	252	C20H12	000207-08-9	94
4			Benzo[b]fluoranthene	252	C20H12	000205-99-2	93
5			Perylene	252	C20H12	000198-55-0	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091824\
Data File : BF139451.D
Acq On : 19 Sep 2024 03:22
Operator : RC/JU
Sample : P4098-03 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-04-091724

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...	2.146	9.3	ng	165092	1	6.881	353415	20.0
Decane, 2,6,7-t...	8.575	6.3	ng	151571	2	8.163	479908	20.0
Tridecane	8.745	17.7	ng	425537	2	8.163	479908	20.0
Naphthalene, 1,...	8.981	5.9	ng	141073	2	8.163	479908	20.0
Dodecane, 2,7,1...	9.175	7.1	ng	145218	3	9.916	410994	20.0
Tetradecane	9.310	25.4	ng	521454	3	9.916	410994	20.0
Naphthalene, 2,...	9.569	8.3	ng	169462	3	9.916	410994	20.0
Heptadecane, 2,...	9.628	9.3	ng	190056	3	9.916	410994	20.0
Pentadecane	9.839	23.6	ng	486020	3	9.916	410994	20.0
Hexadecane	10.339	24.7	ng	508262	3	9.916	410994	20.0
Heptacosane	10.557	10.1	ng	207775	3	9.916	410994	20.0
Nonadecane	10.816	33.6	ng	673288	4	11.398	401259	20.0
Heptadecane	11.263	20.3	ng	406177	4	11.398	401259	20.0
Azuleno(2,1-b)t...	11.292	8.6	ng	171792	4	11.398	401259	20.0
Tridecane, 6-pr...	11.686	15.2	ng	305339	4	11.398	401259	20.0
Phenanthrene, 2...	11.928	7.8	ng	155571	4	11.398	401259	20.0
4H-Cyclopenta[d...	12.010	13.6	ng	272138	4	11.398	401259	20.0
Heneicosane	12.092	12.3	ng	247082	4	11.398	401259	20.0
Octadecane	12.480	13.8	ng	275785	4	11.398	401259	20.0
Benzo[e]pyrene	15.380	15.1	ng	137959	6	15.510	182336	20.0