

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061223\
 Data File : BF133714.D
 Acq On : 12 Jun 2023 20:42
 Operator : CG\JU
 Sample : 03044-14
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-08-0-2.0

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-BF060923.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF133714.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.034	497	501	506	rBV	32961	37780	2.66%	0.211%
2	5.440	566	570	573	rBV	1503649	1349865	95.20%	7.554%
3	6.457	739	743	746	rBV	1468644	1393614	98.28%	7.799%
4	6.663	774	778	781	rBV2	77375	64318	4.54%	0.360%
5	6.834	803	807	811	rVB	530544	462594	32.62%	2.589%
6	7.104	850	853	856	rVB	28355	23241	1.64%	0.130%
7	7.169	862	864	867	rVB	29263	22006	1.55%	0.123%
8	7.216	869	872	876	rBV2	27554	32550	2.30%	0.182%
9	7.369	892	898	899	rBV3	23597	31721	2.24%	0.178%
10	7.392	899	902	905	rVV	1081221	870900	61.42%	4.874%
11	7.428	905	908	911	rVV	163677	130540	9.21%	0.731%
12	7.475	911	916	919	rVB5	23555	36211	2.55%	0.203%
13	7.540	919	927	930	rBV4	16262	36586	2.58%	0.205%
14	7.634	941	943	946	rVB3	20719	19326	1.36%	0.108%
15	7.798	967	971	973	rVB2	35955	39173	2.76%	0.219%
16	7.828	973	976	978	rBV	36047	27456	1.94%	0.154%
17	7.863	978	982	986	rBV2	56454	53684	3.79%	0.300%
18	7.904	986	989	992	rBV	44473	34709	2.45%	0.194%
19	8.063	1012	1016	1019	rBV5	17392	33306	2.35%	0.186%
20	8.092	1019	1021	1023	rVV	346063	313459	22.11%	1.754%
21	8.116	1023	1025	1027	rVV	671519	505313	35.64%	2.828%
22	8.134	1027	1028	1031	rVV	74954	62048	4.38%	0.347%
23	8.175	1032	1035	1037	rVB	107591	89488	6.31%	0.501%
24	8.204	1037	1040	1042	rBV4	25861	28988	2.04%	0.162%
25	8.269	1047	1051	1053	rBV	17892	19136	1.35%	0.107%
26	8.316	1056	1059	1061	rBV2	21315	23107	1.63%	0.129%
27	8.410	1067	1075	1076	rBV2	98751	117339	8.28%	0.657%
28	8.457	1080	1083	1086	rVB2	66790	49911	3.52%	0.279%
29	8.487	1086	1088	1093	rVB	90737	89523	6.31%	0.501%
30	8.534	1093	1096	1098	rBV	189351	148365	10.46%	0.830%
31	8.622	1108	1111	1113	rVB3	25884	23026	1.62%	0.129%
32	8.657	1113	1117	1119	rBV4	21921	31327	2.21%	0.175%
33	8.704	1122	1125	1128	rVV	623719	451061	31.81%	2.524%
34	8.739	1129	1131	1133	rVV2	21267	24227	1.71%	0.136%
35	8.763	1133	1135	1138	rVV3	29774	40244	2.84%	0.225%
36	8.798	1138	1141	1144	rVB2	56233	62643	4.42%	0.351%

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

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Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	8.828	1144	1146	1150	rBV	57483	44059	3.11%	0.247%
38	8.887	1154	1156	1160	rBV5	29017	36161	2.55%	0.202%
39	8.928	1160	1163	1167	rVB3	38683	47996	3.38%	0.269%
40	8.987	1171	1173	1175	rBV	56130	50953	3.59%	0.285%
41	9.069	1183	1187	1191	rVB	72880	60988	4.30%	0.341%
42	9.110	1191	1194	1196	rBV	59344	43476	3.07%	0.243%
43	9.134	1196	1198	1201	rVV	92900	66993	4.72%	0.375%
44	9.192	1204	1208	1211	rBV	1754086	1417951	100.00%	7.935%
45	9.269	1218	1221	1224	rBV	312454	246937	17.42%	1.382%
46	9.339	1231	1233	1239	rVB7	19896	22834	1.61%	0.128%
47	9.457	1249	1253	1256	rVB3	32072	43294	3.05%	0.242%
48	9.528	1262	1265	1267	rBV	54227	44287	3.12%	0.248%
49	9.551	1267	1269	1271	rVB2	32878	25553	1.80%	0.143%
50	9.592	1271	1276	1278	rBV4	54288	60945	4.30%	0.341%
51	9.645	1283	1285	1290	rBV2	31913	30609	2.16%	0.171%
52	9.734	1297	1300	1303	rBV	37906	38034	2.68%	0.213%
53	9.798	1309	1311	1315	rVB	66099	49713	3.51%	0.278%
54	9.869	1320	1323	1326	rVV	592823	502368	35.43%	2.811%
55	9.904	1326	1329	1332	rVB	84483	70500	4.97%	0.395%
56	9.975	1338	1341	1345	rVB4	22748	30184	2.13%	0.169%
57	10.028	1345	1350	1352	rBV4	20984	28739	2.03%	0.161%
58	10.075	1354	1358	1362	rVB	54856	58938	4.16%	0.330%
59	10.110	1362	1364	1371	rBV3	25568	32355	2.28%	0.181%
60	10.186	1374	1377	1379	rBV	25268	22425	1.58%	0.125%
61	10.275	1388	1392	1394	rBV4	20356	24258	1.71%	0.136%
62	10.298	1394	1396	1399	rVB2	41741	31304	2.21%	0.175%
63	10.416	1412	1416	1422	rBV2	76190	85371	6.02%	0.478%
64	10.481	1422	1427	1429	rVV2	20163	30522	2.15%	0.171%
65	10.522	1429	1434	1438	rVV4	38226	69272	4.89%	0.388%
66	10.581	1440	1444	1447	rVB2	102498	108002	7.62%	0.604%
67	10.657	1452	1457	1461	rBV	995991	863526	60.90%	4.832%
68	10.786	1474	1479	1484	rVB	98230	113523	8.01%	0.635%
69	10.998	1512	1515	1517	rVB2	21421	20163	1.42%	0.113%
70	11.163	1540	1543	1546	rVB4	24513	21780	1.54%	0.122%
71	11.222	1551	1553	1555	rVV	41935	39968	2.82%	0.224%
72	11.251	1555	1558	1565	rVB	96876	106930	7.54%	0.598%
73	11.363	1573	1577	1578	rBV	540214	500684	35.31%	2.802%
74	11.386	1578	1581	1584	rVV	542470	487615	34.39%	2.729%
75	11.433	1586	1589	1592	rVB	146685	114204	8.05%	0.639%
76	11.469	1592	1595	1597	rBV2	26160	31795	2.24%	0.178%

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77	11.592	1613	1616	1624	rBV2	36393	57563	4.06%	0.322%
78	11.651	1624	1626	1629	rBV2	40494	31726	2.24%	0.178%
79	11.692	1631	1633	1635	rBV	26455	20975	1.48%	0.117%
80	11.863	1659	1662	1664	rBV	100631	97613	6.88%	0.546%
81	11.886	1664	1666	1671	rVV2	266310	243176	17.15%	1.361%
82	11.939	1672	1675	1677	rVV	45153	46500	3.28%	0.260%
83	11.975	1677	1681	1683	rVV2	171986	178862	12.61%	1.001%
84	11.998	1683	1685	1689	rVB	81330	70713	4.99%	0.396%
85	12.063	1693	1696	1698	rBV2	38485	31964	2.25%	0.179%
86	12.157	1710	1712	1714	rBV	66780	59688	4.21%	0.334%
87	12.186	1714	1717	1720	rVB3	55082	60231	4.25%	0.337%
88	12.339	1740	1743	1746	rBV3	74791	90671	6.39%	0.507%
89	12.416	1753	1756	1758	rBV	98667	101301	7.14%	0.567%
90	12.451	1759	1762	1764	rVV2	69469	67358	4.75%	0.377%
91	12.498	1768	1770	1774	rBV3	55353	59432	4.19%	0.333%
92	12.575	1780	1783	1787	rVB	788056	715620	50.47%	4.005%
93	12.810	1817	1823	1828	rBV	759506	897889	63.32%	5.025%
94	12.951	1843	1847	1850	rBV	1536260	1294340	91.28%	7.243%
95	13.133	1876	1878	1881	rVB	124161	103640	7.31%	0.580%
96	14.004	2022	2026	2029	rBV2	480492	672173	47.40%	3.762%
97	14.033	2029	2031	2034	rVB	237680	191830	13.53%	1.074%
98	15.051	2201	2204	2207	rBV	205301	271889	19.17%	1.522%

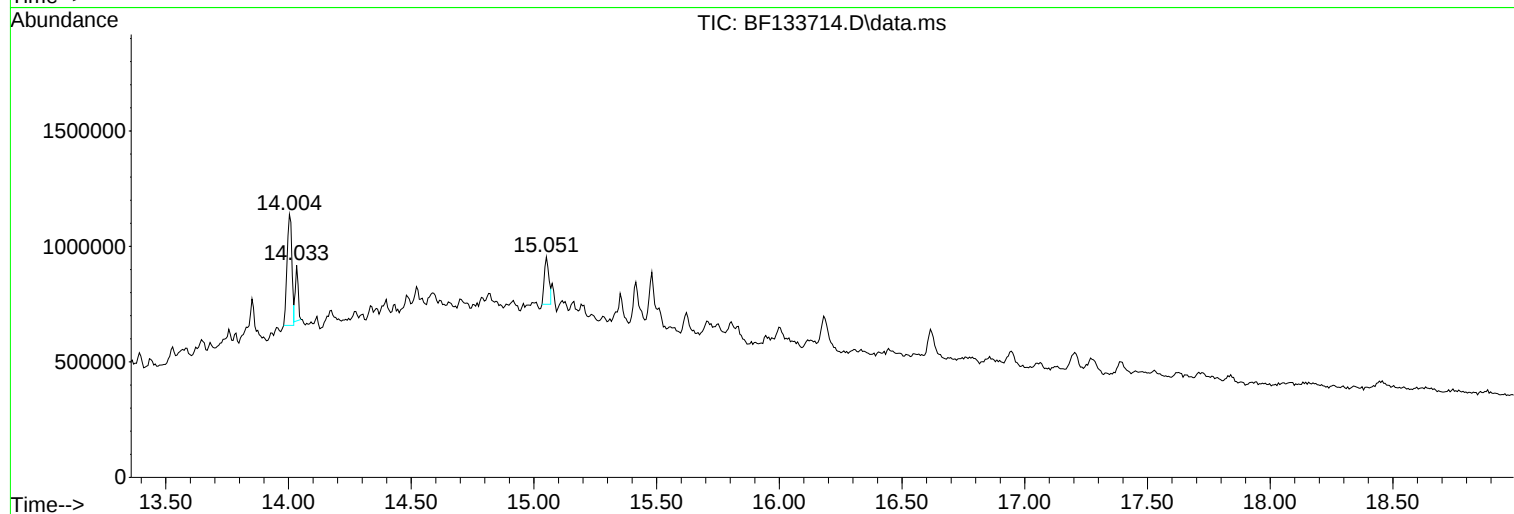
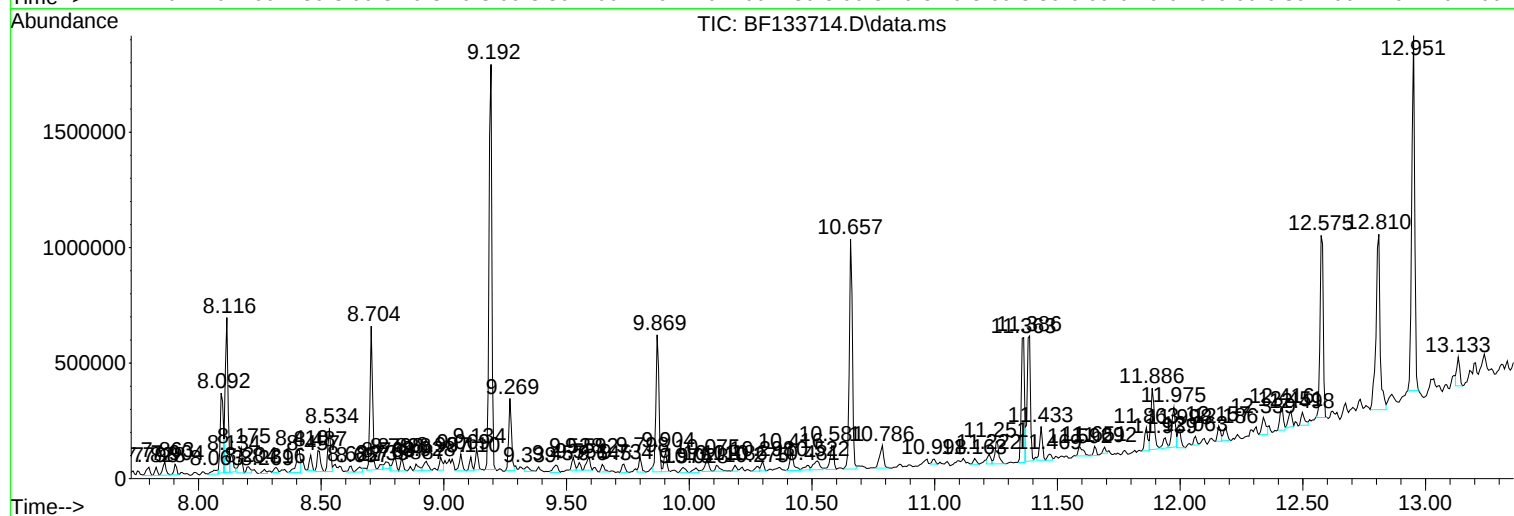
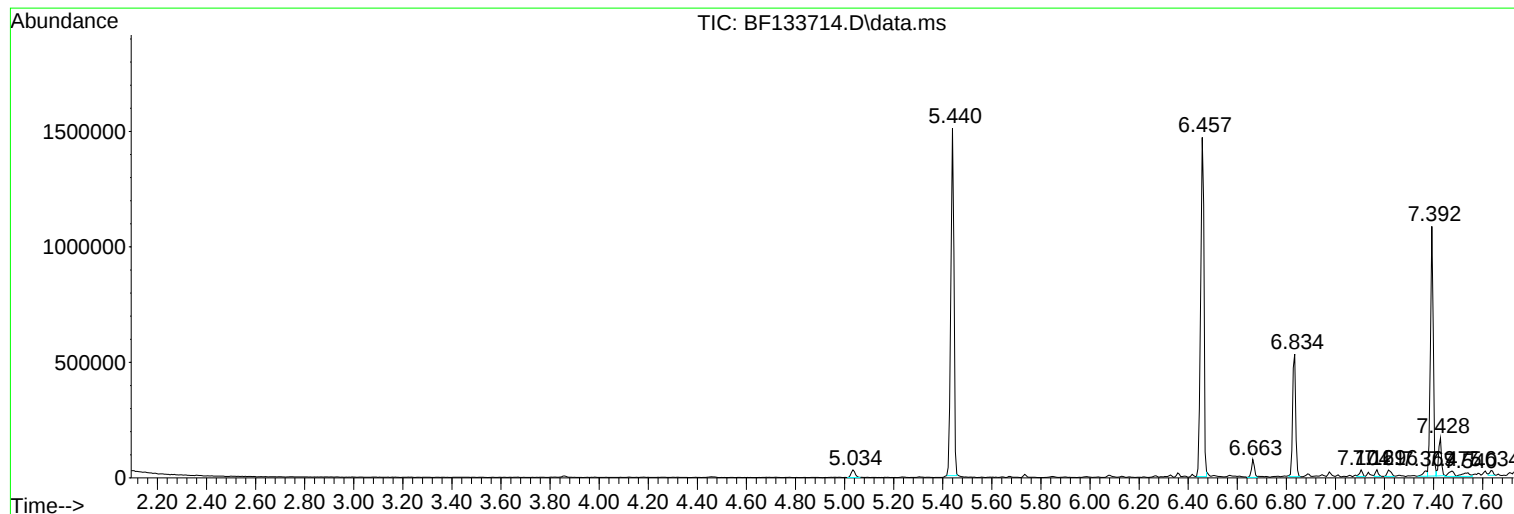
Sum of corrected areas: 17869148

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.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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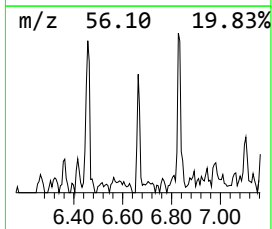
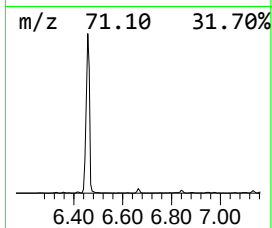
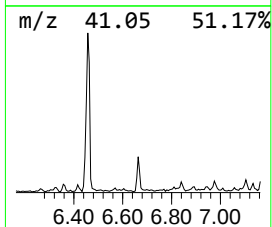
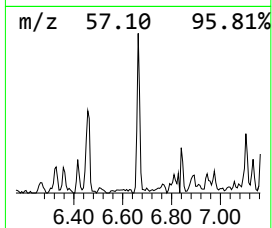
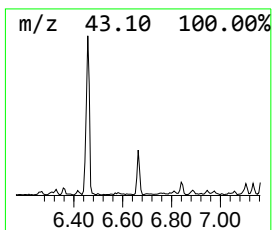
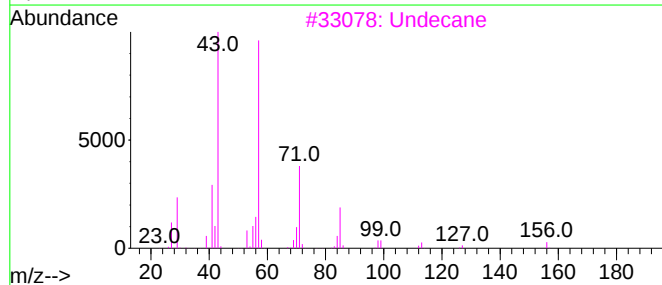
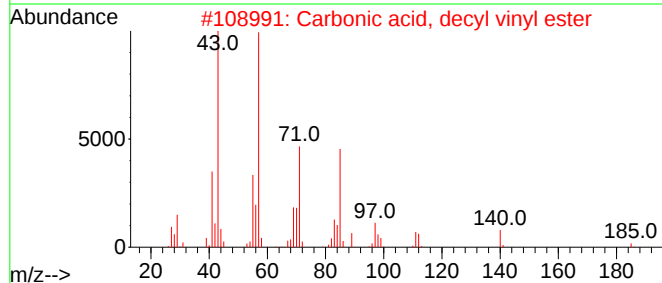
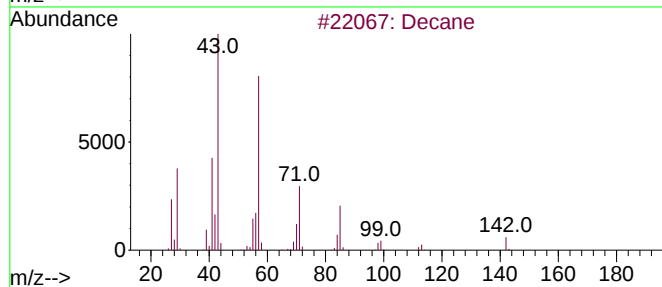
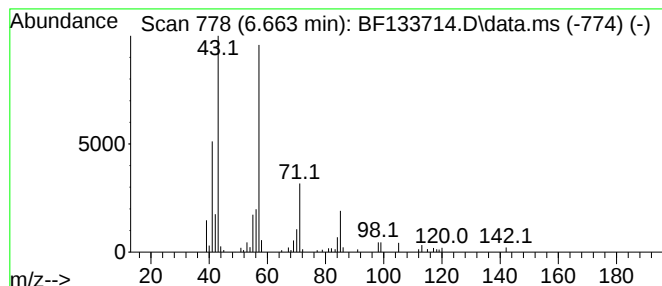
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Decane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.663	2.78 ng	64318	1,4-Dichlorobenzene-d4	6.834

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane	142	C10H22	000124-18-5	90
2			Carbonic acid, decyl vinyl ester	228	C13H24O3	1000383-25-7	83
3			Undecane	156	C11H24	001120-21-4	78
4			Hexatriacontane	507	C36H74	000630-06-8	72
5			Nonane	128	C9H20	000111-84-2	72



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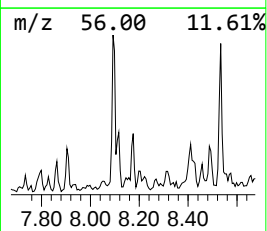
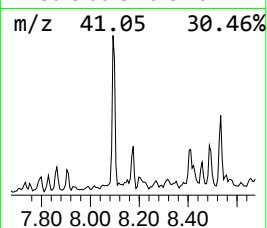
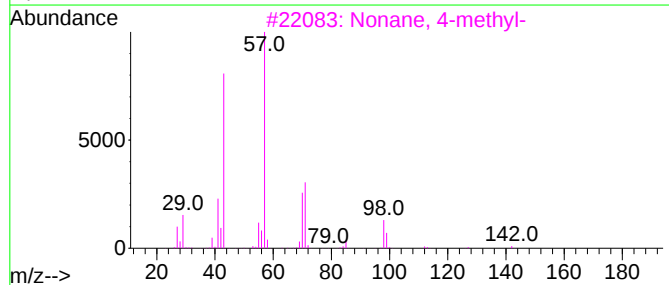
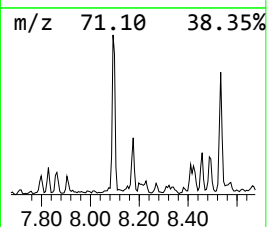
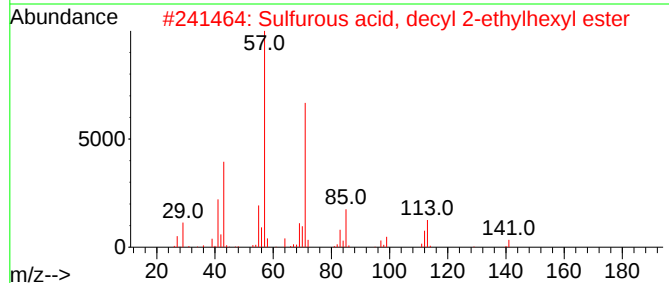
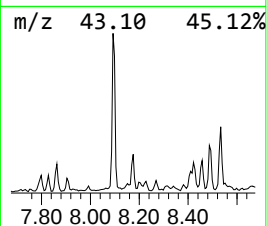
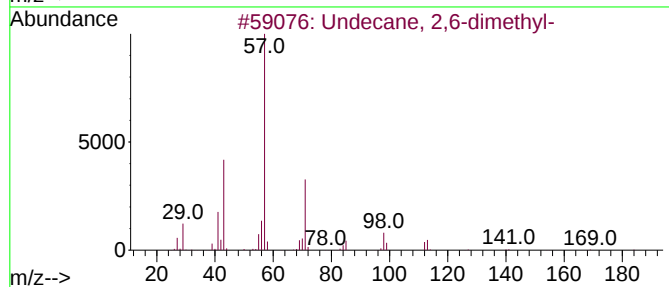
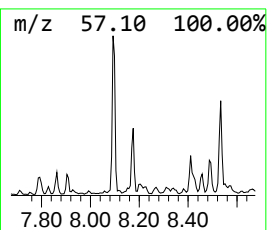
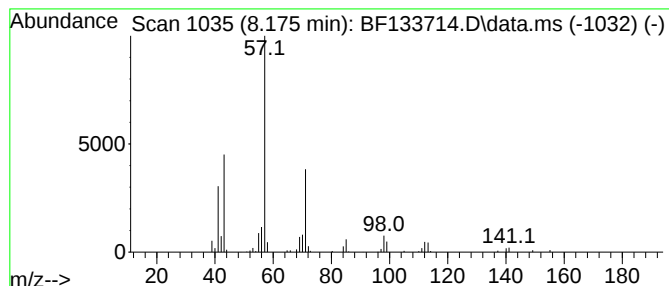
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Undecane, 2,6-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.175	3.54 ng	89488	Naphthalene-d8	8.116

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	90
2			Sulfurous acid, decyl 2-ethylhex...	334	C18H38O3S	1000309-19-3	72
3			Nonane, 4-methyl-	142	C10H22	017301-94-9	72
4			Dodecane, 6-methyl-	184	C13H28	006044-71-9	72
5			Heptane, 3-(bromomethyl)-	192	C8H17Br	018908-66-2	64



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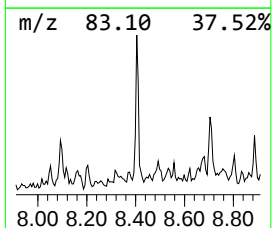
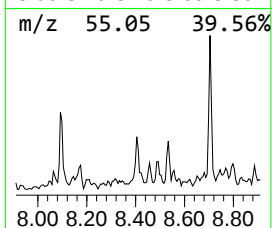
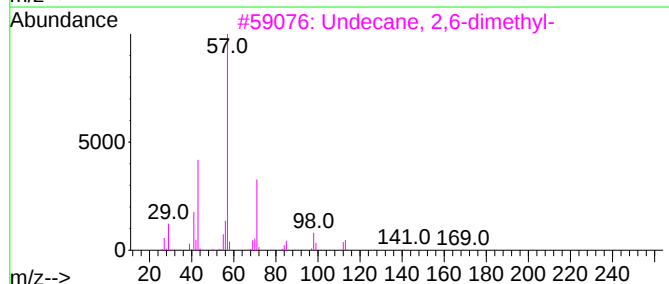
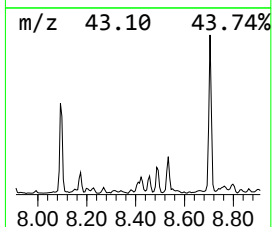
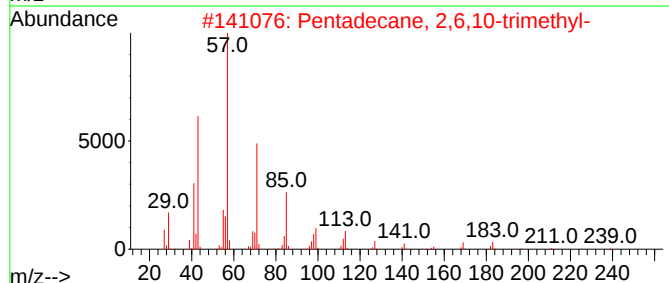
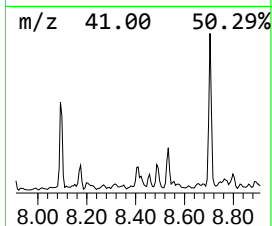
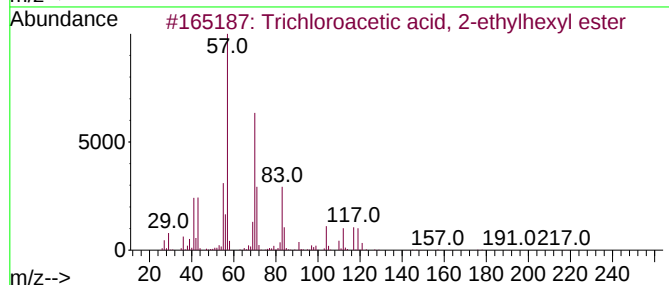
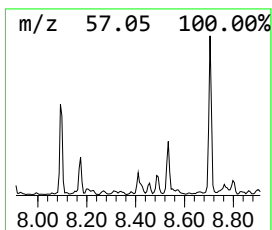
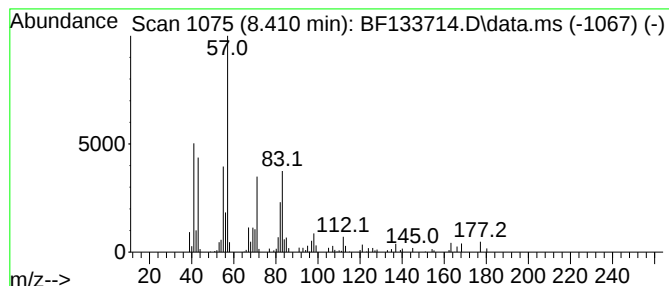
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 unknown8.410 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.410	4.64 ng	117339	Naphthalene-d8	8.116

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Trichloroacetic acid, 2-ethylhex...	274	C10H17Cl3O2	016397-79-8	35
2			Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	27
3			Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	27
4			Propanoic acid, 2,2-dimethyl-, c...	184	C11H20O2	029878-49-7	27
5			Oxalic acid, isobutyl octyl ester	258	C14H26O4	1000309-37-3	27



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061223\
Data File : BF133714.D
Acq On : 12 Jun 2023 20:42
Operator : CG\JU
Sample : 03044-14
Misc :
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ClientSampleId :
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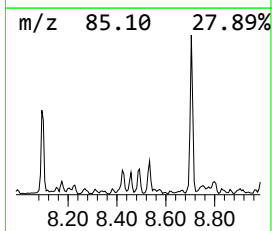
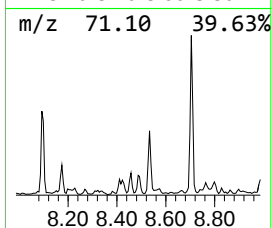
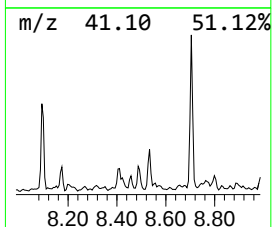
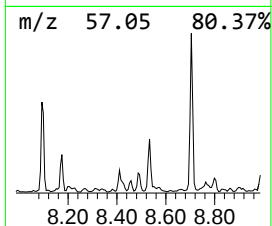
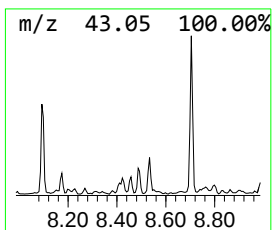
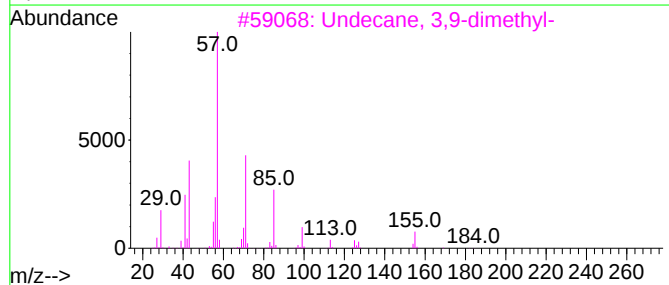
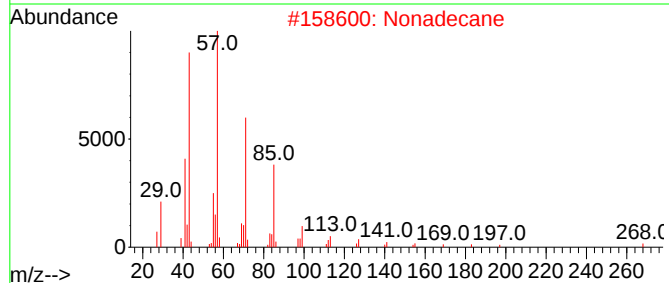
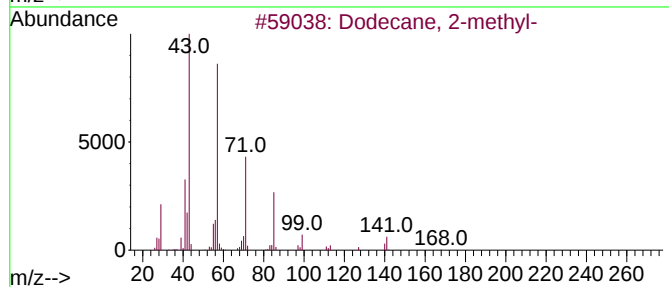
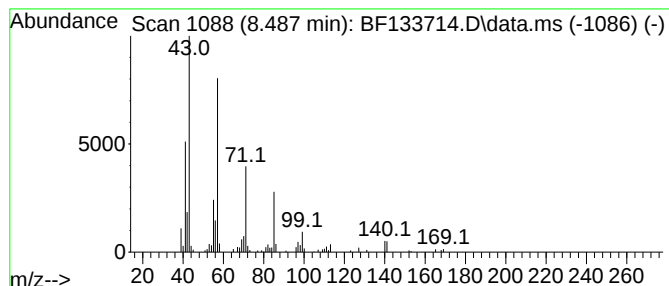
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Dodecane, 2-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.487	3.54 ng	89523	Naphthalene-d8	8.116

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 2-methyl-	184	C13H28	001560-97-0	90
2			Nonadecane	268	C19H40	000629-92-5	80
3			Undecane, 3,9-dimethyl-	184	C13H28	017301-31-4	72
4			Pentadecane	212	C15H32	000629-62-9	72
5			Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061223\
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Sample : 03044-14
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ClientSampleId :
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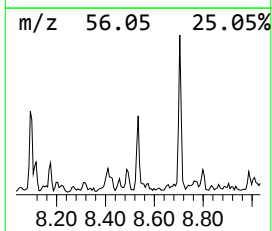
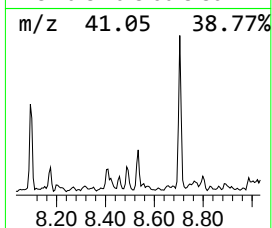
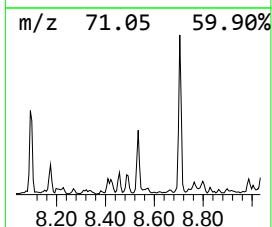
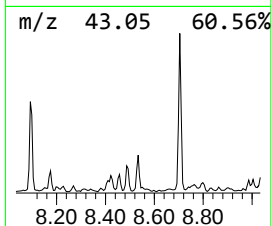
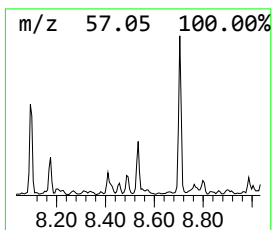
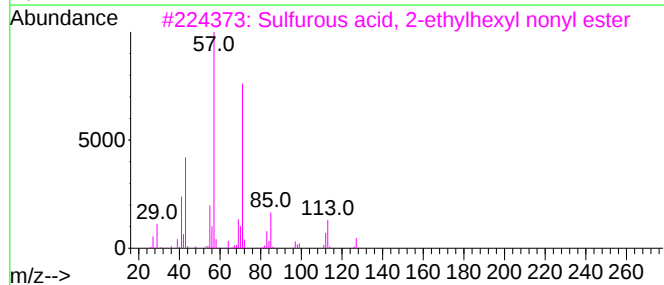
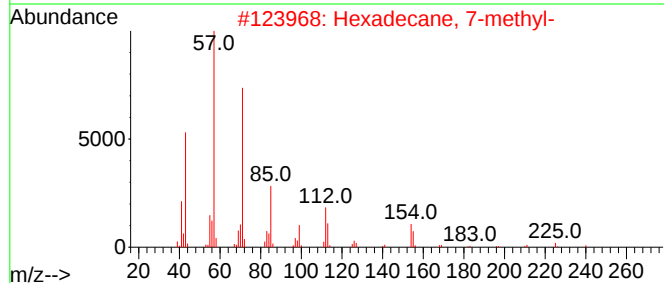
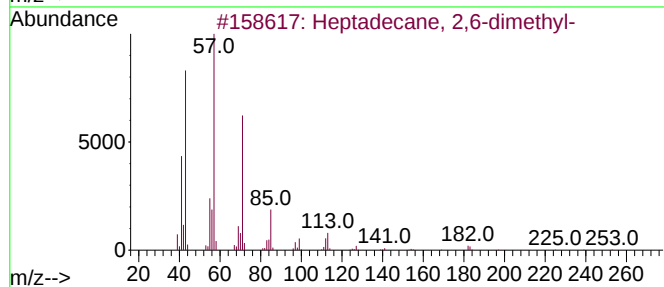
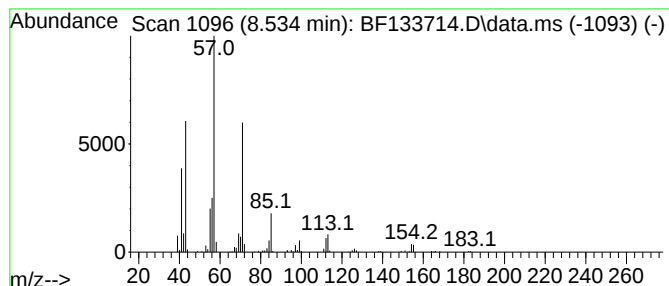
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Heptadecane, 2,6-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.534	5.87 ng	148365	Naphthalene-d8	8.116

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptadecane, 2,6-dimethyl-	268	C19H40	054105-67-8	72
2			Hexadecane, 7-methyl-	240	C17H36	026730-20-1	72
3			Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1010309-19-2	64
4			Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	64
5			Nonane, 3-methyl-	142	C10H22	005911-04-6	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061223\
Data File : BF133714.D
Acq On : 12 Jun 2023 20:42
Operator : CG\JU
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Misc :
ALS Vial : 15 Sample Multiplier: 1

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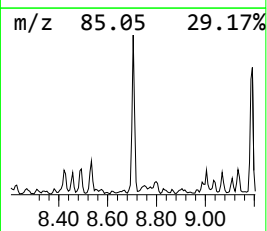
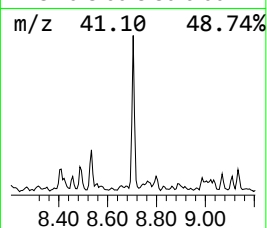
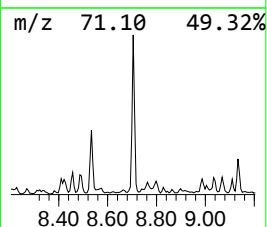
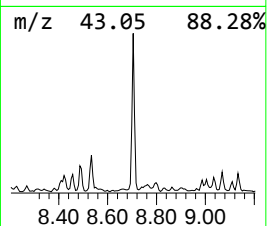
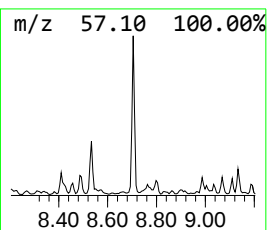
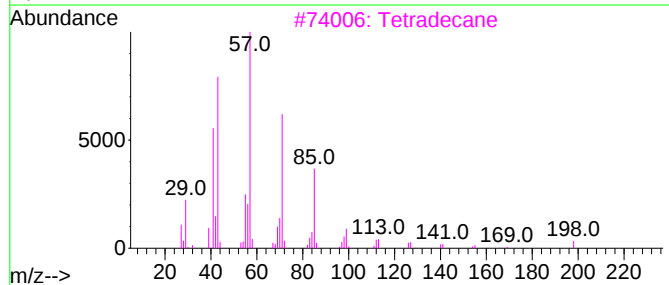
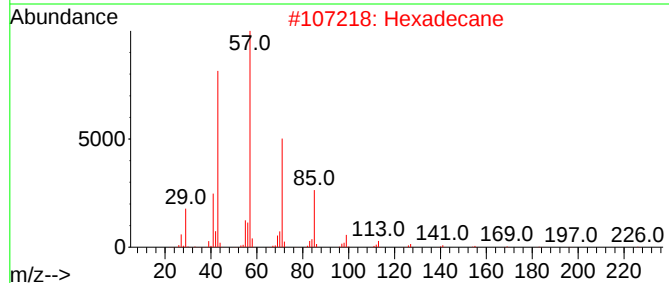
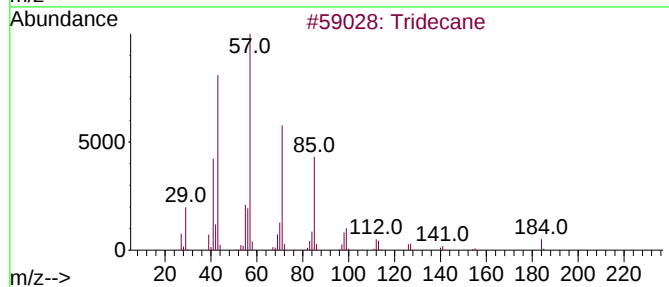
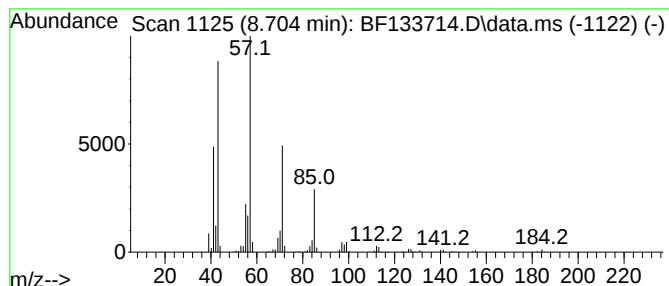
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Tridecane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.704	17.85 ng	451061	Naphthalene-d8	8.116

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane	184	C13H28	000629-50-5	95
2			Hexadecane	226	C16H34	000544-76-3	90
3			Tetradecane	198	C14H30	000629-59-4	86
4			Dodecane	170	C12H26	000112-40-3	86
5			Heptadecane	240	C17H36	000629-78-7	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061223\
Data File : BF133714.D
Acq On : 12 Jun 2023 20:42
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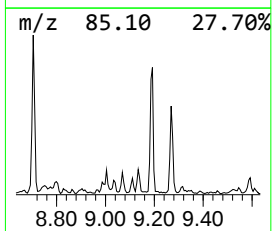
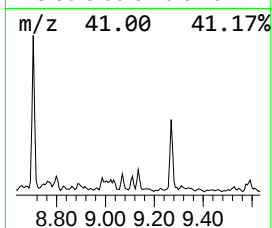
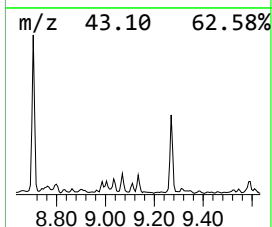
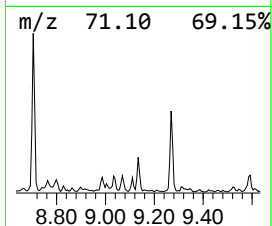
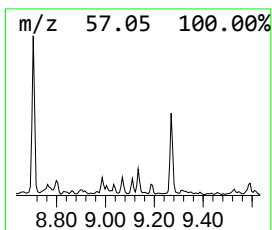
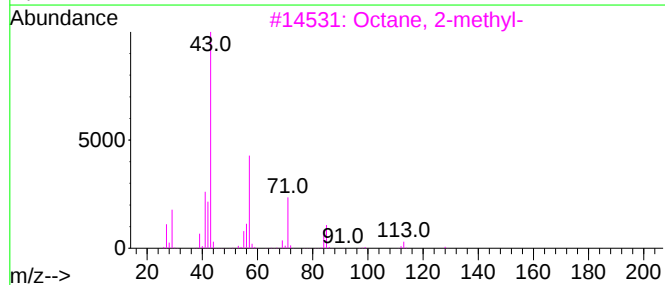
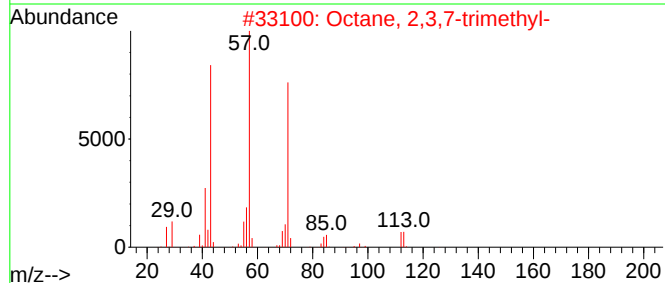
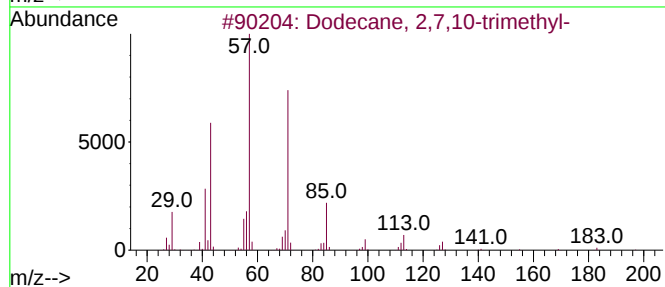
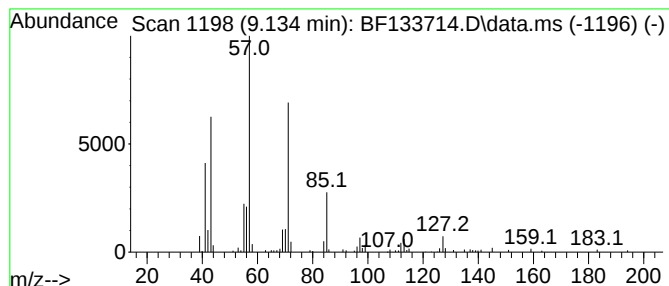
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Dodecane, 2,7,10-trimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.134	2.67 ng	66993	Acenaphthene-d10	9.869

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	78
2			Octane, 2,3,7-trimethyl-	156	C11H24	062016-34-6	64
3			Octane, 2-methyl-	128	C9H20	003221-61-2	53
4			Sulfurous acid, hexyl pentyl ester	236	C11H24O3S	1000309-14-1	52
5			Butane, 2,2-dimethyl-	86	C6H14	000075-83-2	50



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061223\
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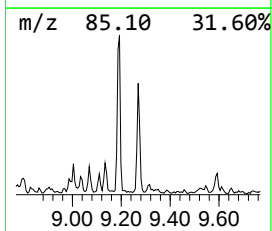
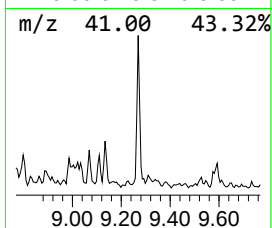
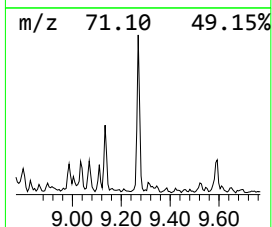
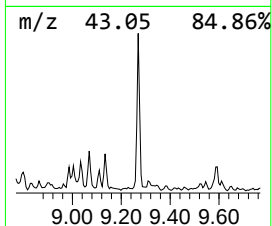
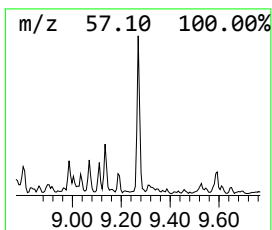
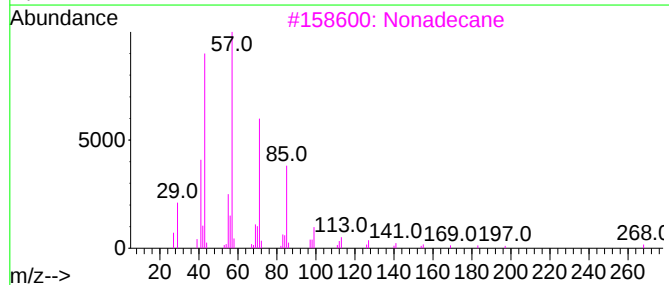
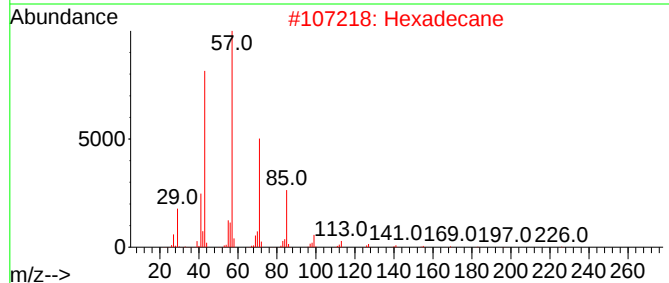
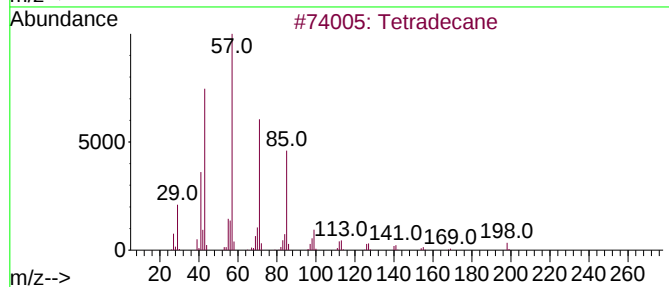
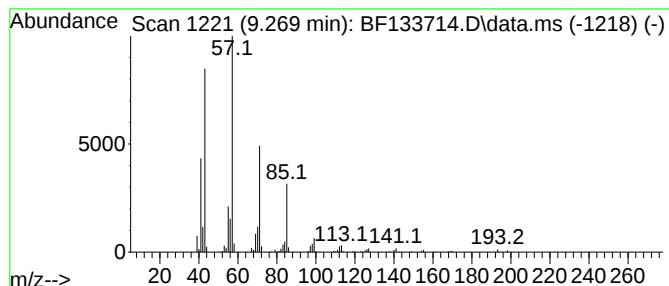
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Tetradecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.269	9.83 ng	246937	Acenaphthene-d10	9.869

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tetradecane	198	C14H30	000629-59-4	94
2		Hexadecane	226	C16H34	000544-76-3	91
3		Nonadecane	268	C19H40	000629-92-5	90
4		Tridecane	184	C13H28	000629-50-5	90
5		Silane, trichlorooctadecyl-	386	C18H37Cl3Si	000112-04-9	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061223\
Data File : BF133714.D
Acq On : 12 Jun 2023 20:42
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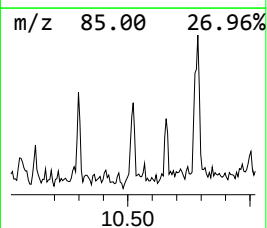
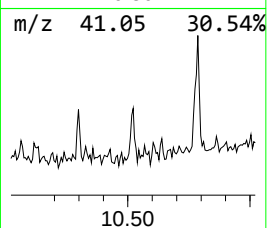
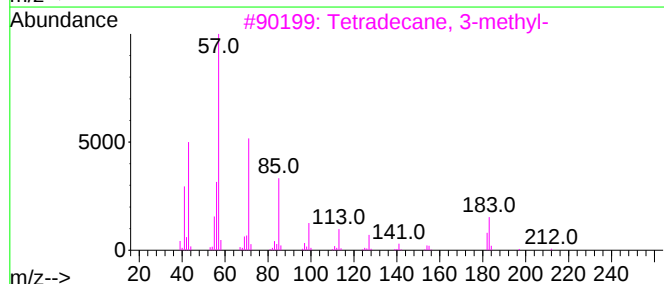
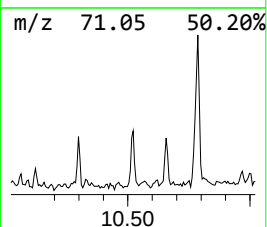
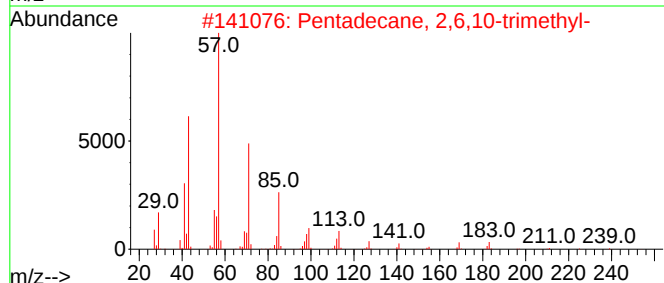
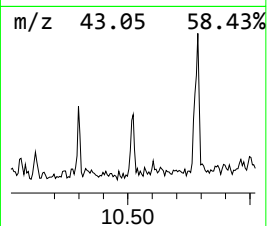
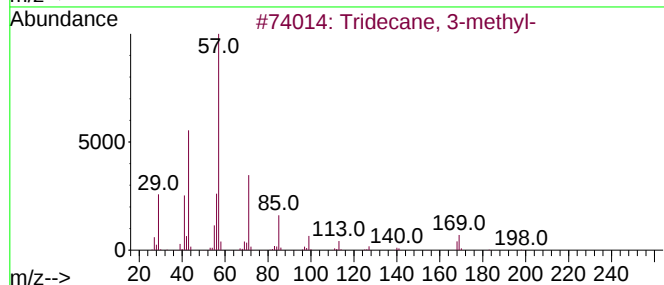
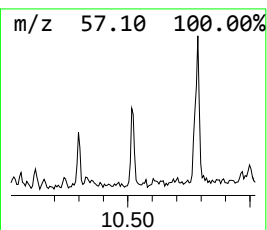
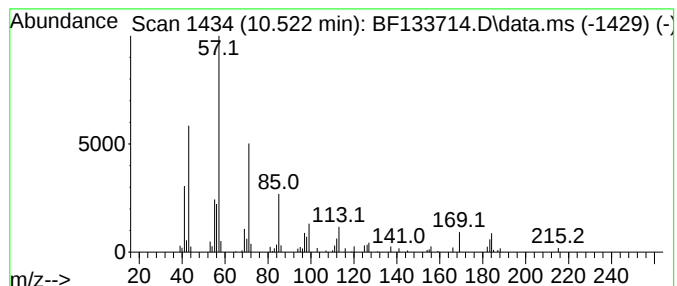
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Tridecane, 3-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.522	2.76 ng	69272	Acenaphthene-d10	9.869

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane, 3-methyl-	198	C14H30	006418-41-3	86
2			Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	86
3			Tetradecane, 3-methyl-	212	C15H32	018435-22-8	72
4			Dodecane, 3-methyl-	184	C13H28	017312-57-1	64
5			2-Bromo dodecane	248	C12H25Br	013187-99-0	58



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061223\
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ALS Vial : 15 Sample Multiplier: 1

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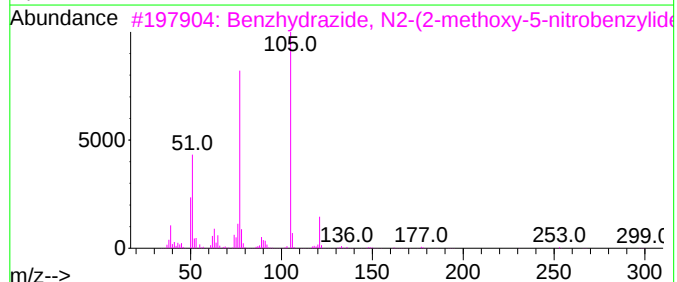
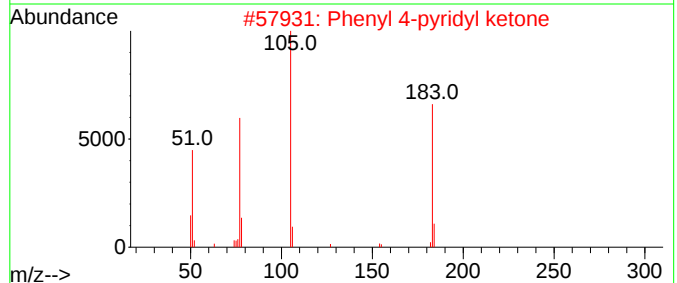
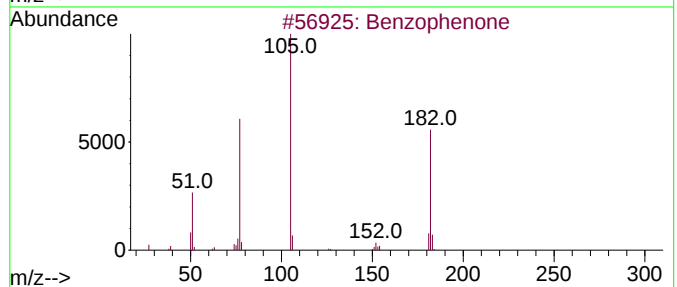
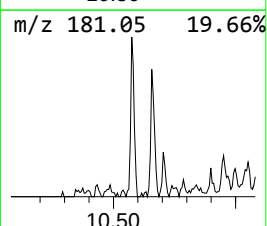
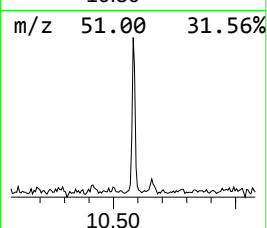
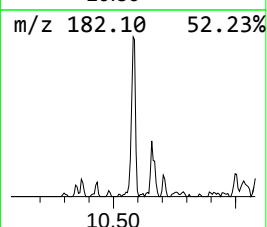
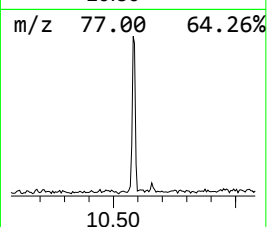
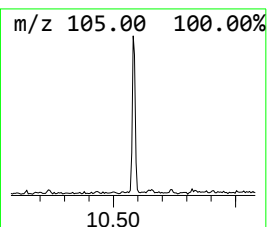
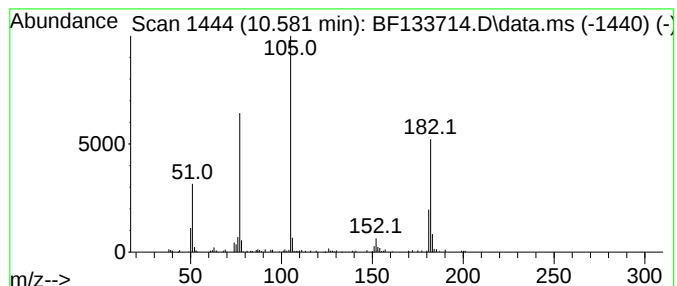
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Benzophenone Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.581	4.30 ng	108002	Acenaphthene-d10	9.869

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzophenone	182	C13H10O	000119-61-9	95
2			Phenyl 4-pyridyl ketone	183	C12H9NO	014548-46-0	49
3			Benzhydrazide, N2-(2-methoxy-5-n...	299	C15H13N3O4	349572-84-5	43
4			Benzoylformic acid	150	C8H6O3	000611-73-4	43
5			1-Propanone, 2-bromo-1-phenyl-	212	C9H9BrO	002114-00-3	43



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061223\
Data File : BF133714.D
Acq On : 12 Jun 2023 20:42
Operator : CG\JU
Sample : 03044-14
Misc :
ALS Vial : 15 Sample Multiplier: 1

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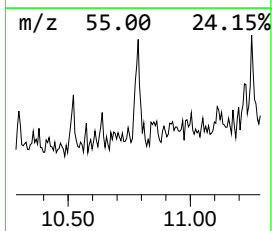
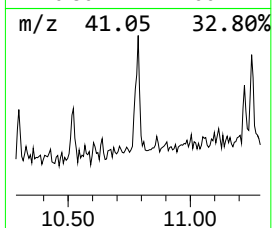
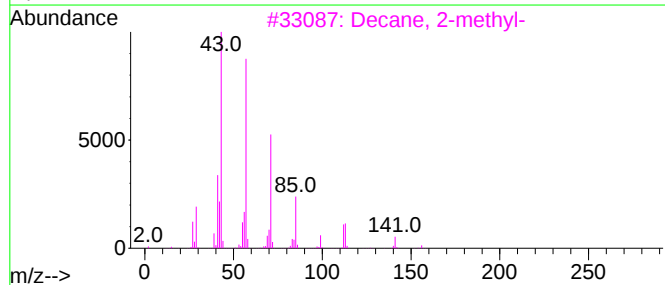
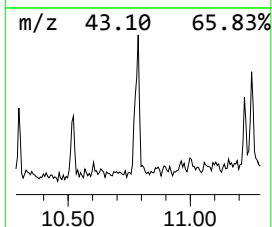
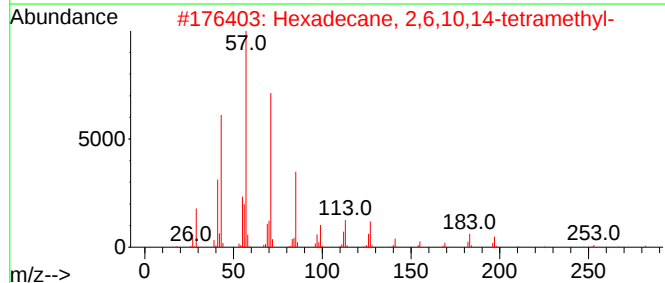
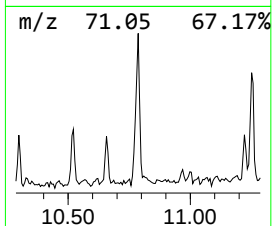
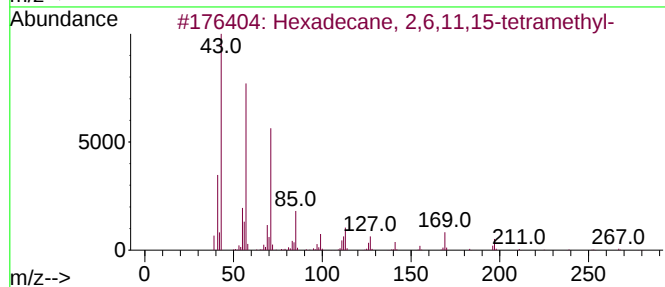
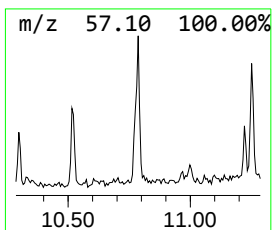
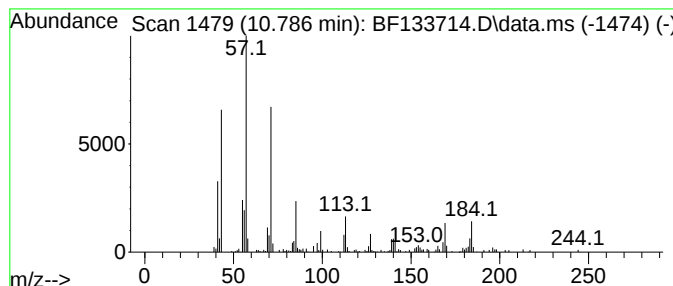
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Hexadecane, 2,6,11,15-tetra... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.786	4.53 ng	113523	Phenanthrene-d10	11.363

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Hexadecane, 2,6,11,15-tetramethyl-	282	C20H42	000504-44-9	86
2		Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	74
3		Decane, 2-methyl-	156	C11H24	006975-98-0	72
4		Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	68
5		Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	59



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061223\
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Sample : 03044-14
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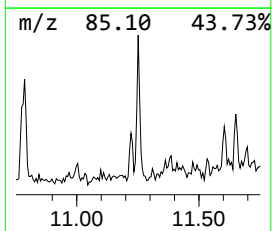
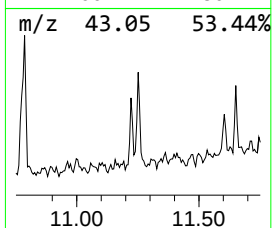
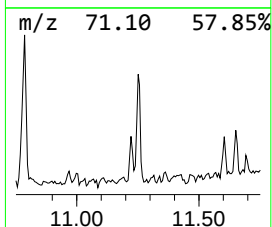
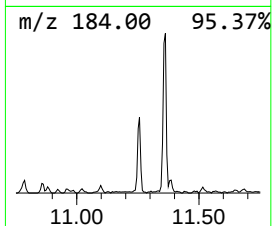
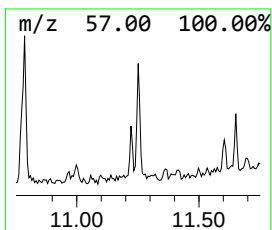
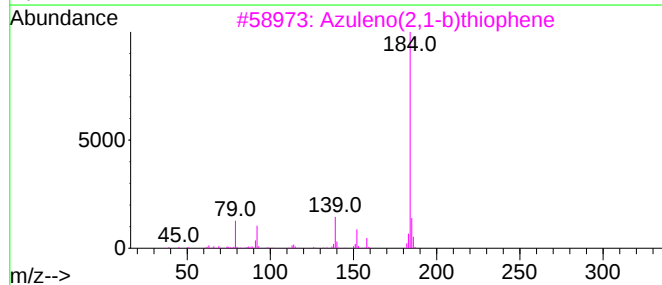
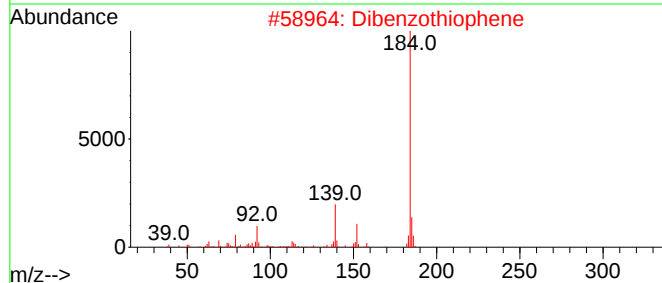
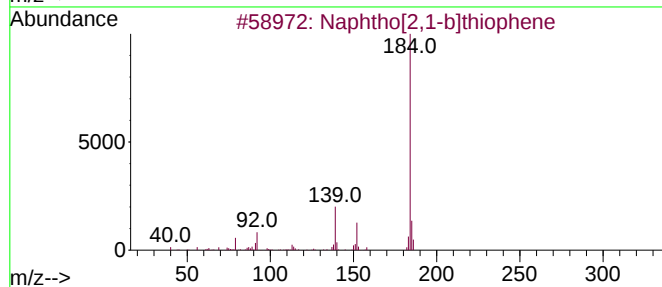
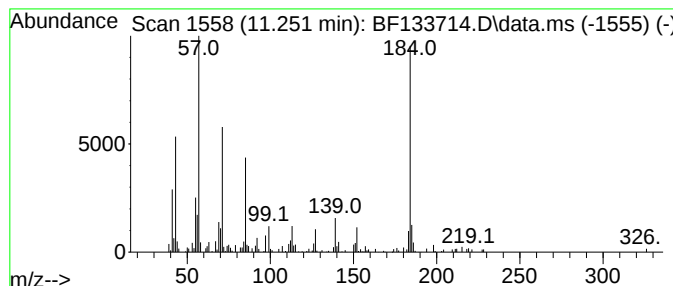
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Naphtho[2,1-b]thiophene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.251	4.27 ng	106930	Phenanthrene-d10	11.363	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	55
2	Dibenzothiophene	184	C12H8S	000132-65-0	50
3	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	49
4	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	43
5	Docosane, 1-iodo-	436	C22H45I	1000406-31-9	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061223\
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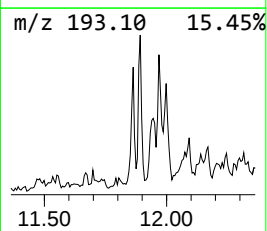
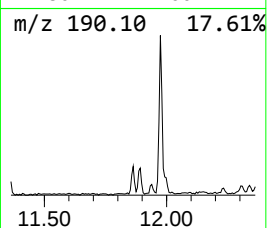
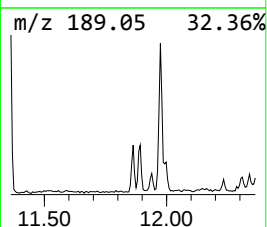
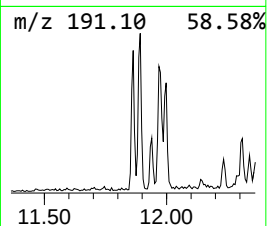
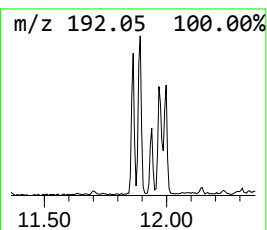
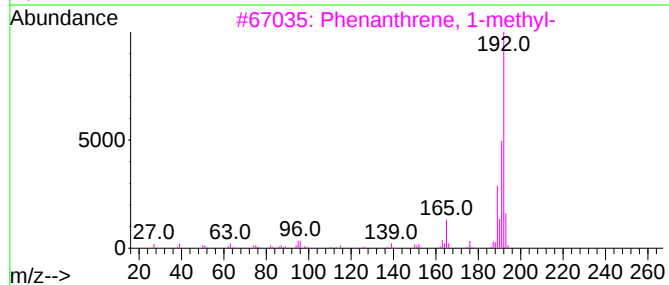
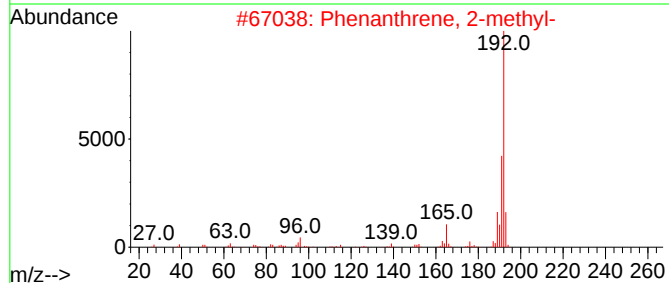
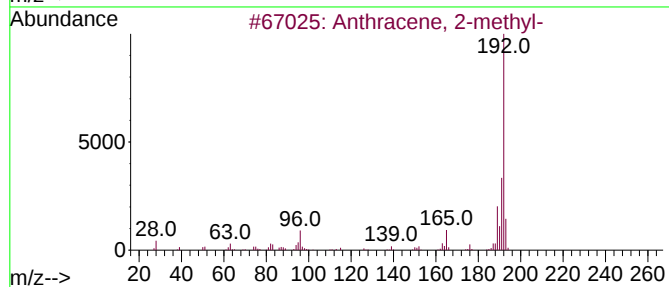
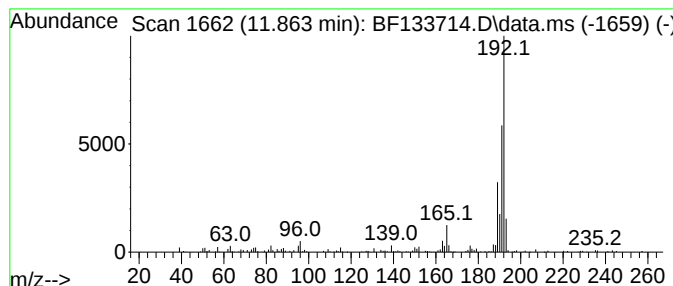
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Anthracene, 2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD		R.T.	
11.863	3.90 ng	97613	Phenanthrene-d10		11.363	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-		192	C15H12	000613-12-7	94
2	Phenanthrene, 2-methyl-		192	C15H12	002531-84-2	93
3	Phenanthrene, 1-methyl-		192	C15H12	000832-69-9	93
4	Anthracene, 1-methyl-		192	C15H12	000610-48-0	91
5	Phenanthrene, 4-methyl-		192	C15H12	000832-64-4	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061223\
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Acq On : 12 Jun 2023 20:42
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Misc :
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Instrument :
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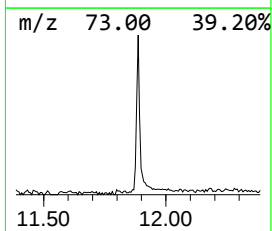
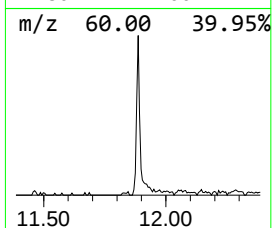
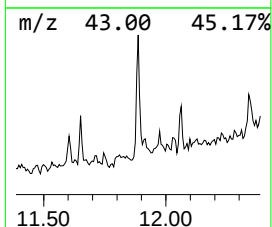
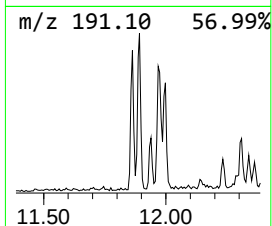
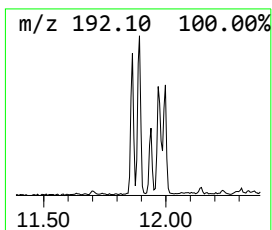
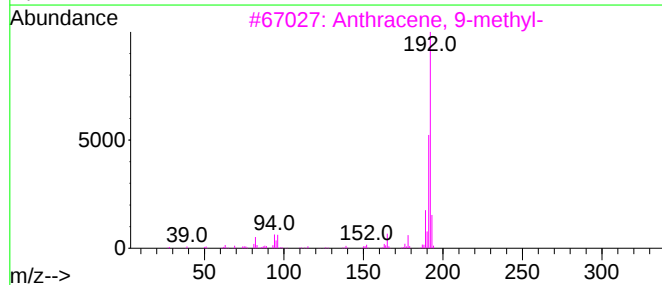
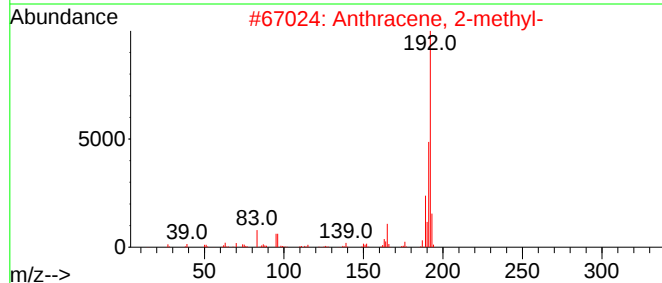
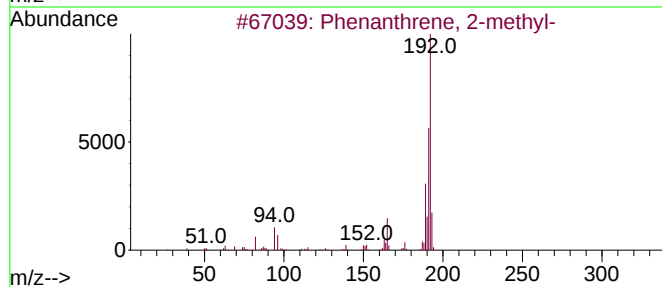
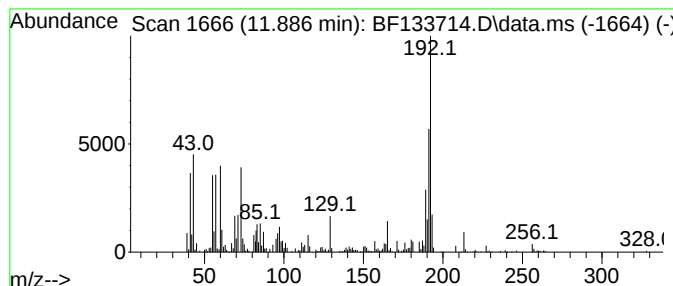
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Phenanthrene, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.886	9.71 ng	243176	Phenanthrene-d10	11.363

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			Anthracene, 9-methyl-	192	C15H12	000779-02-2	92
4			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	92
5			1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	92



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061223\
Data File : BF133714.D
Acq On : 12 Jun 2023 20:42
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ClientSampleId :
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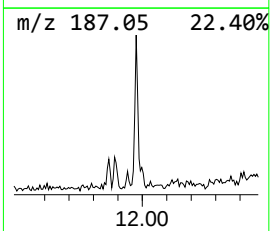
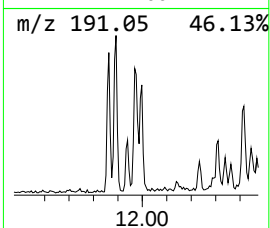
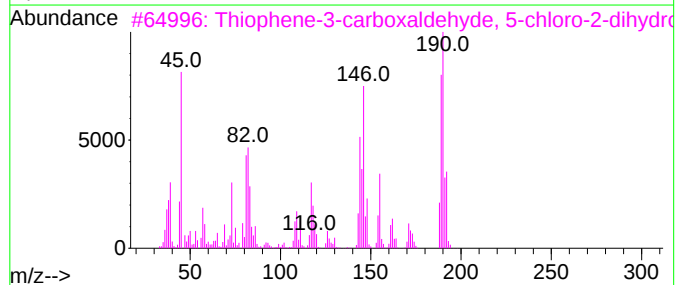
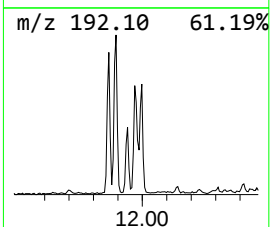
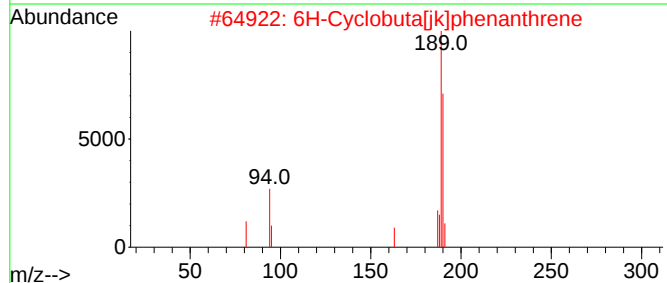
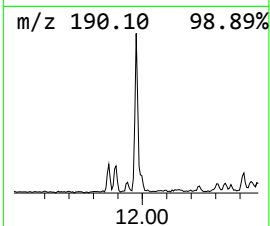
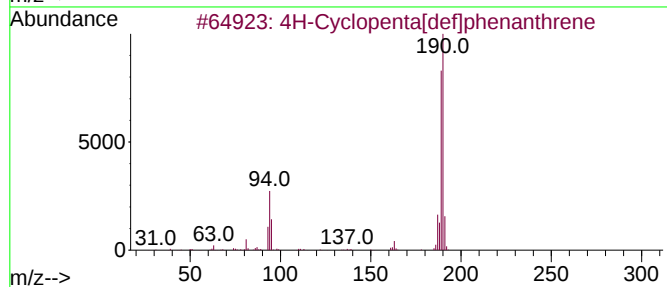
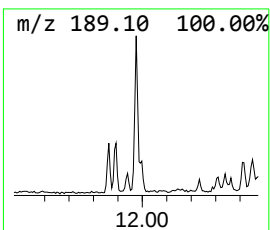
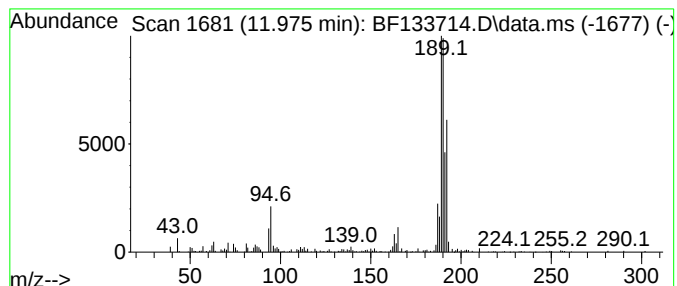
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 4H-Cyclopenta[def]phenanthrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.975	7.14 ng	178862	Phenanthrene-d10	11.363

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
2		6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	50
3		Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	50
4		Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	40
5		2-Amino-4,6-dichloropyrimidine-5...	191	C5H3Cl2N3O	005604-46-6	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061223\
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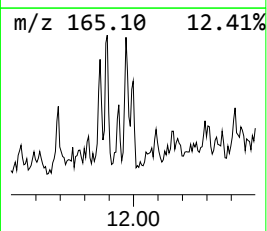
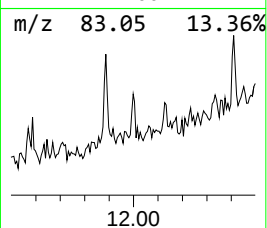
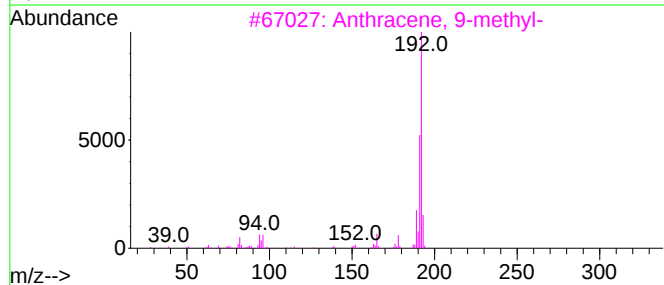
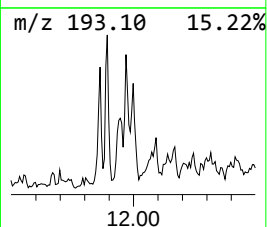
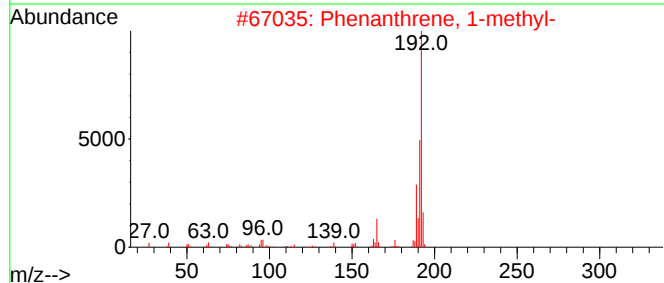
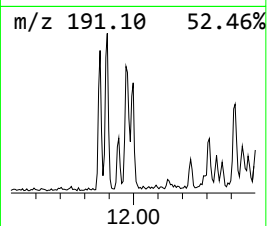
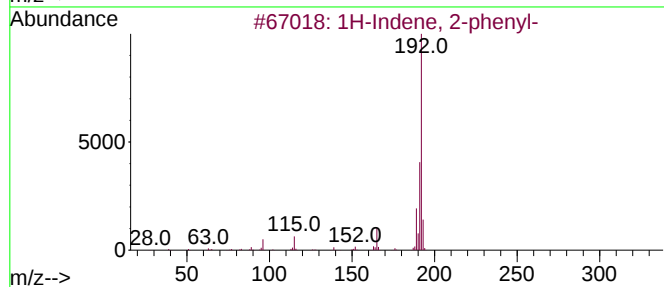
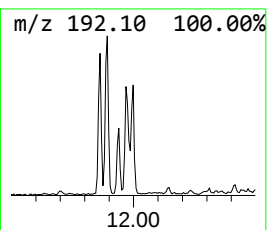
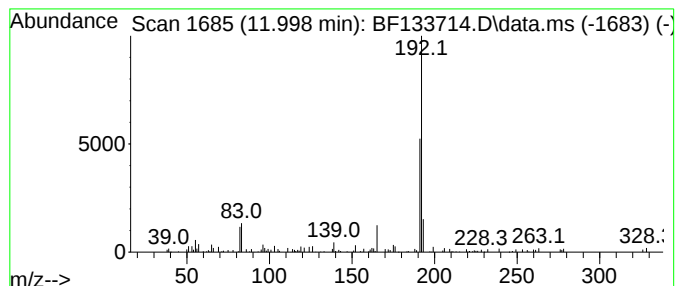
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 1H-Indene, 2-phenyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD		R.T.	
11.998	2.82 ng	70713	Phenanthrene-d10		11.363	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	1H-Indene, 2-phenyl-		192	C15H12	004505-48-0	87
2	Phenanthrene, 1-methyl-		192	C15H12	000832-69-9	86
3	Anthracene, 9-methyl-		192	C15H12	000779-02-2	86
4	Anthracene, 1-methyl-		192	C15H12	000610-48-0	86
5	Phenanthrene, 4-methyl-		192	C15H12	000832-64-4	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061223\
Data File : BF133714.D
Acq On : 12 Jun 2023 20:42
Operator : CG\JU
Sample : 03044-14
Misc :
ALS Vial : 15 Sample Multiplier: 1

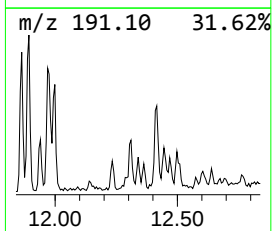
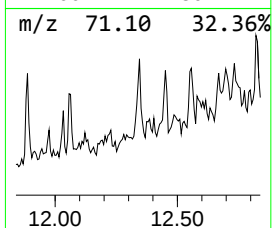
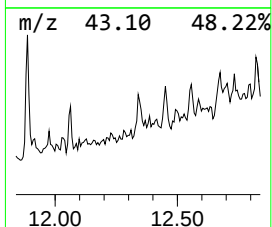
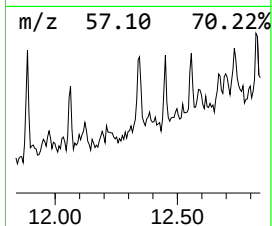
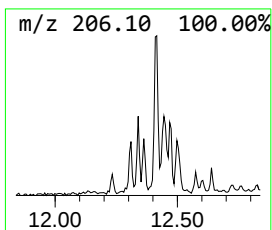
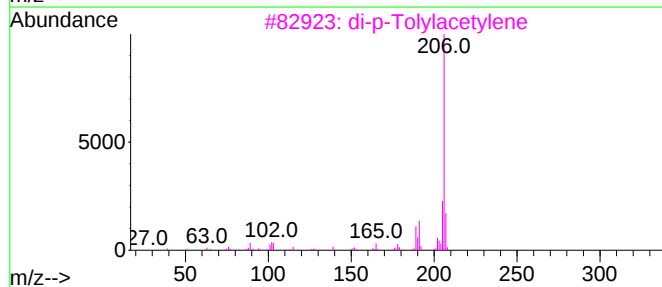
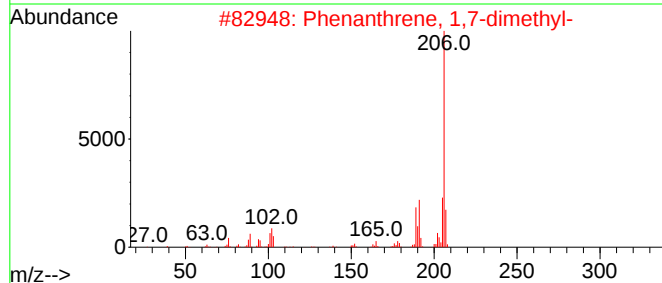
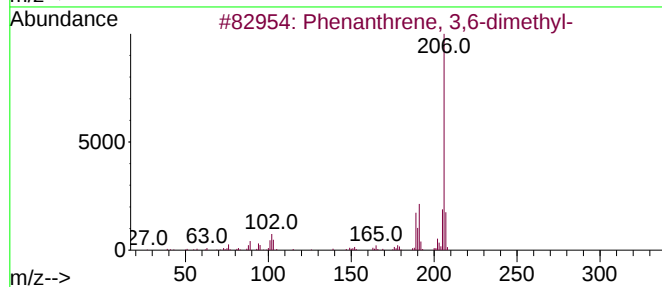
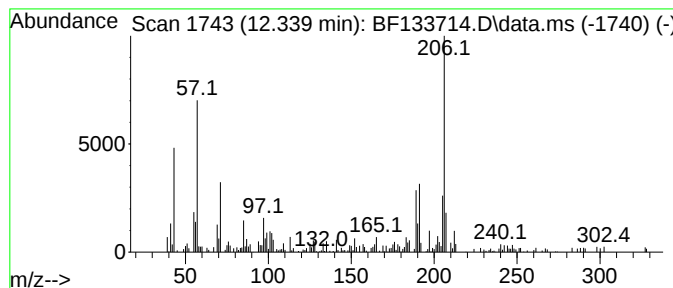
Instrument :
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ClientSampleId :
SB-08-0-2.0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Phenanthrene, 3,6-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.339	3.62 ng	90671	Phenanthrene-d10	11.363	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	95
2	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	92
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	90
4	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	70
5	Naphthalene, 1,2-dihydro-4-phenyl-	206	C16H14	007469-40-1	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061223\
Data File : BF133714.D
Acq On : 12 Jun 2023 20:42
Operator : CG\JU
Sample : 03044-14
Misc :
ALS Vial : 15 Sample Multiplier: 1

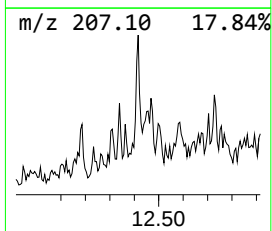
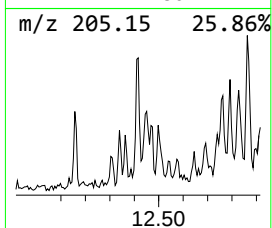
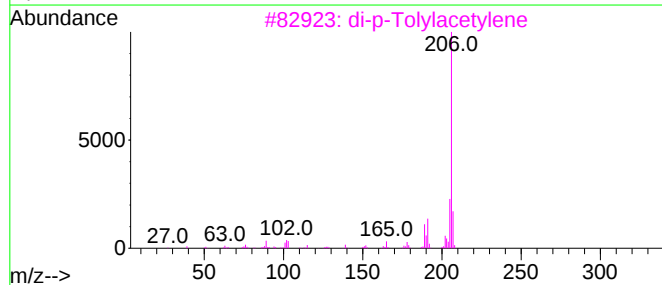
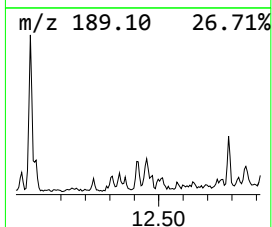
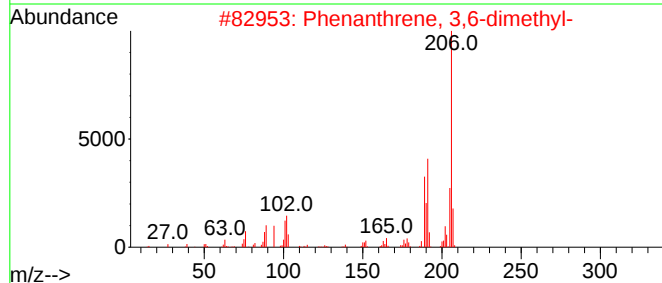
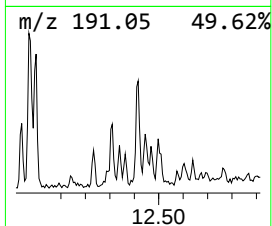
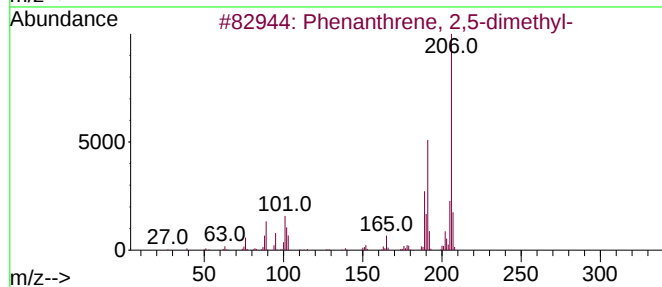
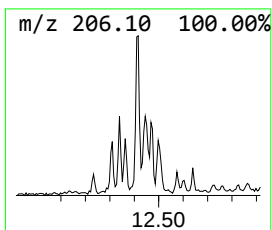
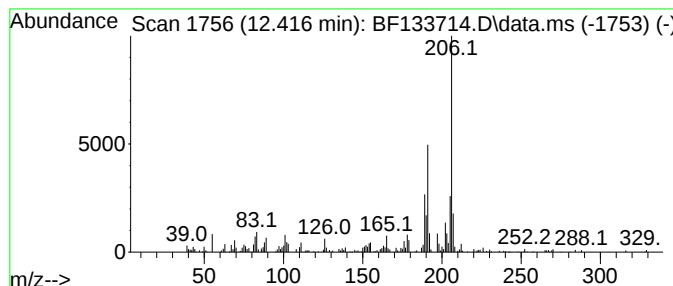
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Phenanthrene, 2,5-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD		R.T.	
12.416	4.05 ng	101301	Phenanthrene-d10		11.363	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-		206	C16H14	003674-66-6	95
2	Phenanthrene, 3,6-dimethyl-		206	C16H14	001576-67-6	93
3	di-p-Tolylacetylene		206	C16H14	002789-88-0	91
4	Phenanthrene, 1,7-dimethyl-		206	C16H14	000483-87-4	90
5	9,10-Dimethylanthracene		206	C16H14	000781-43-1	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061223\
Data File : BF133714.D
Acq On : 12 Jun 2023 20:42
Operator : CG\JU
Sample : 03044-14
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-08-0-2.0

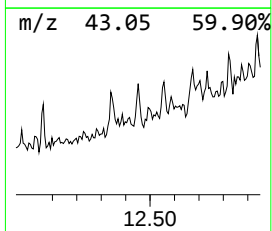
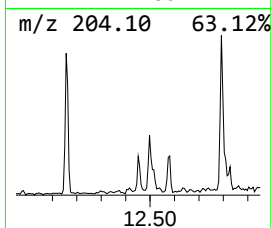
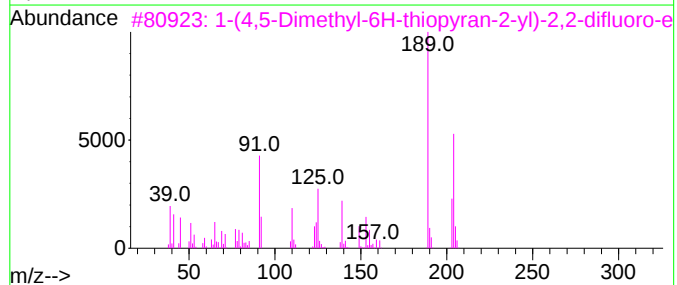
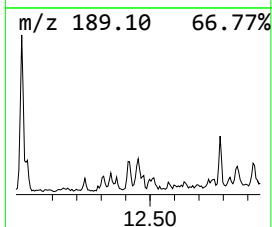
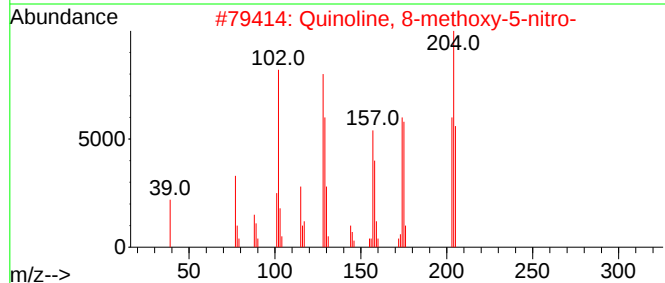
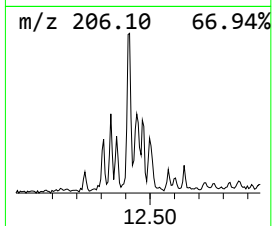
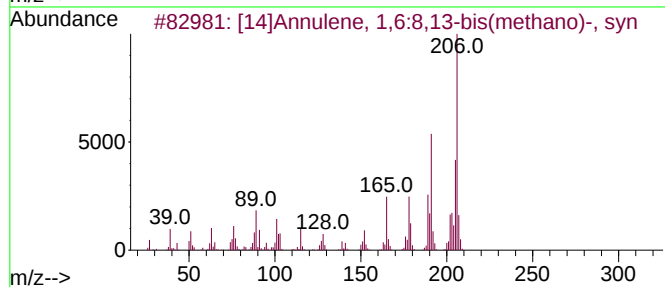
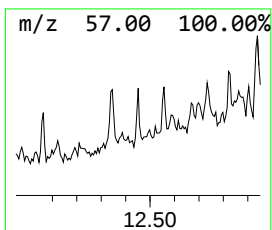
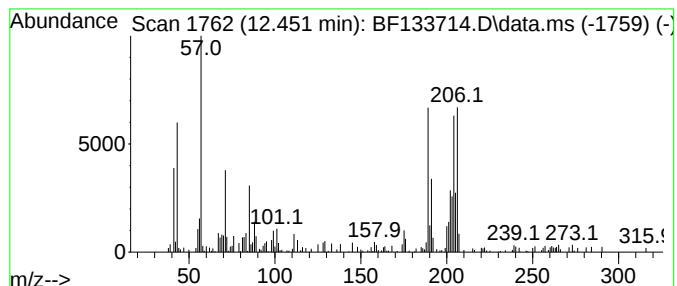
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 unknown12.451 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD		R.T.
12.451	2.69 ng	67358	Phenanthrene-d10		11.363

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	[14]Annulene, 1,6:8,13-bis(metha...	206	C16H14		085385-68-8	38
2	Quinoline, 8-methoxy-5-nitro-	204	C10H8N2O3		1000298-88-7	38
3	1-(4,5-Dimethyl-6H-thiopyran-2-y...	204	C9H10F2O5		1000318-25-0	35
4	Phenanthrene, 2,7-dimethyl-	206	C16H14		001576-69-8	27
5	9,10-Dimethylanthracene	206	C16H14		000781-43-1	25



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061223\
Data File : BF133714.D
Acq On : 12 Jun 2023 20:42
Operator : CG\JU
Sample : 03044-14
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-08-0-2.0

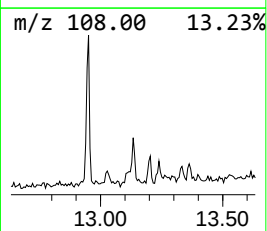
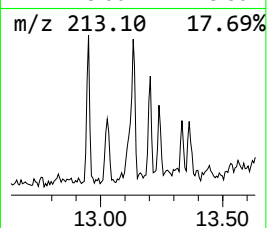
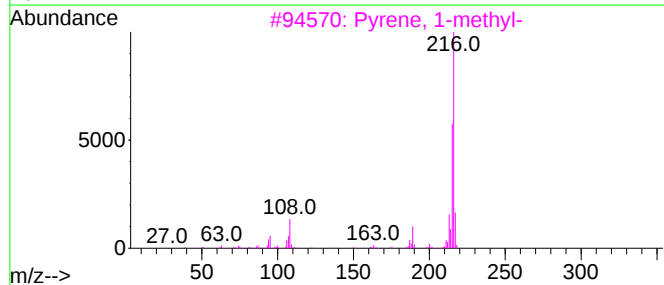
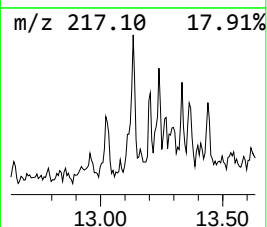
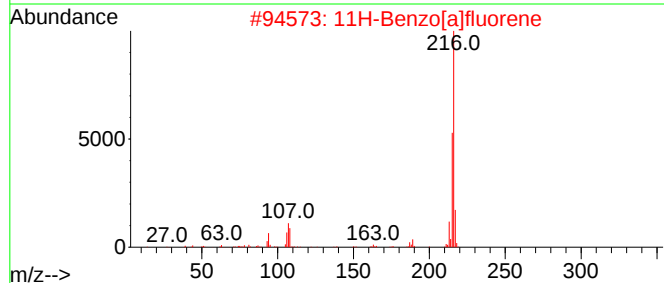
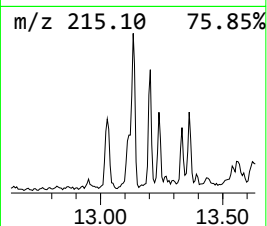
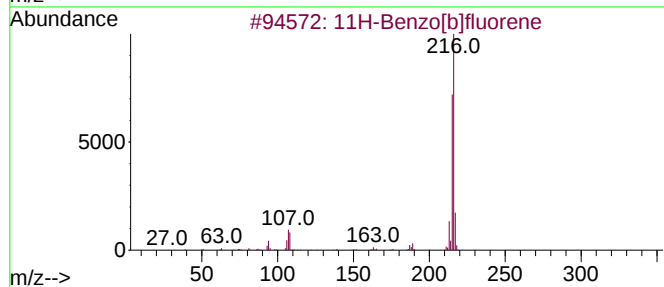
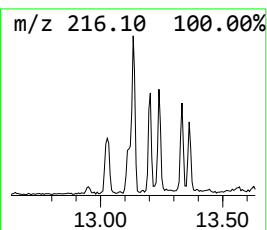
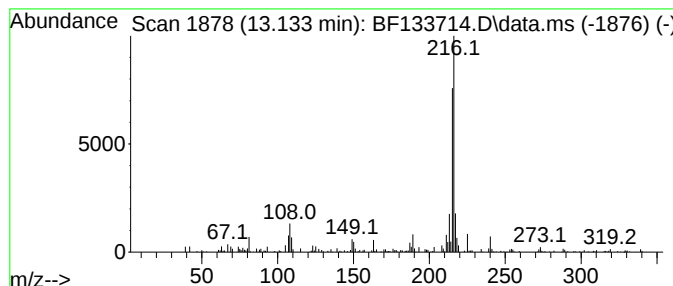
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 11H-Benzo[b]fluorene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.133	3.08 ng	103640	Chrysene-d12	14.010

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
2		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
3		Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
4		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	87
5		6H-Thiazolo[5,4-e]indole, 2,7,8-...	216	C12H12N2S	1000338-32-0	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061223\
Data File : BF133714.D
Acq On : 12 Jun 2023 20:42
Operator : CG\JU
Sample : 03044-14
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-08-0-2.0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.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
Decane	6.663	2.8	ng	64318	1	6.834	462594	20.0
Undecane, 2,6-d...	8.175	3.5	ng	89488	2	8.116	505313	20.0
unknown8.410	8.410	4.6	ng	117339	2	8.116	505313	20.0
Dodecane, 2-met...	8.487	3.5	ng	89523	2	8.116	505313	20.0
Heptadecane, 2,...	8.534	5.9	ng	148365	2	8.116	505313	20.0
Tridecane	8.704	17.9	ng	451061	2	8.116	505313	20.0
Dodecane, 2,7,1...	9.134	2.7	ng	66993	3	9.869	502368	20.0
Tetradecane	9.269	9.8	ng	246937	3	9.869	502368	20.0
Tridecane, 3-me...	10.522	2.8	ng	69272	3	9.869	502368	20.0
Benzophenone	10.581	4.3	ng	108002	3	9.869	502368	20.0
Hexadecane, 2,6...	10.786	4.5	ng	113523	4	11.363	500684	20.0
Naphtho[2,1-b]t...	11.251	4.3	ng	106930	4	11.363	500684	20.0
Anthracene, 2-m...	11.863	3.9	ng	97613	4	11.363	500684	20.0
Phenanthrene, 2...	11.886	9.7	ng	243176	4	11.363	500684	20.0
4H-Cyclopenta[d...	11.975	7.1	ng	178862	4	11.363	500684	20.0
1H-Indene, 2-ph...	11.998	2.8	ng	70713	4	11.363	500684	20.0
Phenanthrene, 3...	12.339	3.6	ng	90671	4	11.363	500684	20.0
Phenanthrene, 2...	12.416	4.0	ng	101301	4	11.363	500684	20.0
unknown12.451	12.451	2.7	ng	67358	4	11.363	500684	20.0
11H-Benzo[b]flu...	13.133	3.1	ng	103640	5	14.010	672173	20.0