

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070523\
 Data File : BF134076.D
 Acq On : 05 Jul 2023 20:24
 Operator : CG\JU
 Sample : 03498-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NB-07-063023

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-BF062623.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF134076.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.140	4	9	17	rVB	483452	620211	4.91%	0.812%
2	5.481	572	577	580	rBV	2327049	2100143	16.64%	2.750%
3	6.481	743	747	754	rBV	2219436	2372990	18.80%	3.107%
4	6.845	805	809	813	rBV	978134	769314	6.10%	1.007%
5	7.410	901	905	908	rVV	1742627	1556597	12.33%	2.038%
6	7.645	942	945	948	rVB2	125858	141391	1.12%	0.185%
7	8.081	1013	1019	1020	rVV5	80215	130041	1.03%	0.170%
8	8.104	1020	1023	1024	rVV	460573	398093	3.15%	0.521%
9	8.128	1024	1027	1029	rVV	1126223	1092198	8.65%	1.430%
10	8.181	1032	1036	1039	rVB2	198922	252815	2.00%	0.331%
11	8.322	1058	1060	1063	rVB2	198772	164128	1.30%	0.215%
12	8.416	1071	1076	1080	rBV5	195959	265654	2.11%	0.348%
13	8.475	1083	1086	1088	rVB4	128243	131767	1.04%	0.173%
14	8.504	1088	1091	1094	rBV3	177057	211760	1.68%	0.277%
15	8.545	1094	1098	1099	rBV3	193014	185055	1.47%	0.242%
16	8.628	1109	1112	1115	rBV2	449905	361603	2.87%	0.474%
17	8.716	1124	1127	1130	rBV2	674576	570596	4.52%	0.747%
18	8.839	1146	1148	1151	rVB	248030	172061	1.36%	0.225%
19	8.945	1162	1166	1169	rBV2	431952	489208	3.88%	0.641%
20	9.080	1185	1189	1193	rVB5	167505	276402	2.19%	0.362%
21	9.145	1197	1200	1202	rBV2	323120	256987	2.04%	0.337%
22	9.204	1206	1210	1213	rBV	3418665	2752799	21.81%	3.605%
23	9.280	1219	1223	1226	rBV	1007775	909902	7.21%	1.192%
24	9.351	1232	1235	1238	rVB	282720	261197	2.07%	0.342%
25	9.469	1251	1255	1260	rVB5	228955	325085	2.58%	0.426%
26	9.516	1260	1263	1265	rBV3	167023	193688	1.53%	0.254%
27	9.539	1265	1267	1269	rVV	363653	339520	2.69%	0.445%
28	9.563	1269	1271	1274	rVV3	275264	284184	2.25%	0.372%
29	9.604	1274	1278	1280	rVV4	550124	612564	4.85%	0.802%
30	9.628	1280	1282	1285	rVV2	288382	286793	2.27%	0.376%
31	9.663	1285	1288	1291	rVB2	347327	303269	2.40%	0.397%
32	9.745	1299	1302	1306	rBV5	198352	253398	2.01%	0.332%
33	9.786	1306	1309	1311	rVV3	120459	148090	1.17%	0.194%
34	9.816	1311	1314	1318	rVB	1273430	1036445	8.21%	1.357%
35	9.886	1318	1326	1329	rBV	1134260	1240758	9.83%	1.625%
36	9.916	1329	1331	1333	rVV2	191520	142638	1.13%	0.187%

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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-BF062623.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	9.951	1335	1337	1340	rVB2	167802	157930	1.25%	0.207%
38	9.986	1340	1343	1348	rBV	158279	148061	1.17%	0.194%
39	10.045	1350	1353	1356	rBV2	155423	240764	1.91%	0.315%
40	10.133	1365	1368	1372	rBV3	319538	444234	3.52%	0.582%
41	10.169	1372	1374	1377	rVB	161389	157144	1.25%	0.206%
42	10.204	1377	1380	1383	rBV3	183158	287073	2.27%	0.376%
43	10.316	1396	1399	1402	rVV	1475685	1144181	9.07%	1.498%
44	10.369	1406	1408	1414	rVB3	122442	190173	1.51%	0.249%
45	10.433	1416	1419	1425	rVV	249506	297089	2.35%	0.389%
46	10.539	1432	1437	1442	rVB	470592	657553	5.21%	0.861%
47	10.598	1443	1447	1449	rBV3	220097	289018	2.29%	0.378%
48	10.622	1449	1451	1454	rVB2	151360	143990	1.14%	0.189%
49	10.657	1454	1457	1458	rBV2	217548	171248	1.36%	0.224%
50	10.680	1458	1461	1464	rVB	1214342	1094961	8.68%	1.434%
51	10.792	1477	1480	1489	rVB	1476764	1704951	13.51%	2.233%
52	10.986	1509	1513	1516	rBV4	186237	267543	2.12%	0.350%
53	11.016	1516	1518	1521	rVB2	219401	180960	1.43%	0.237%
54	11.239	1553	1556	1559	rBV	1090002	1014301	8.04%	1.328%
55	11.269	1559	1561	1567	rVB2	536543	605521	4.80%	0.793%
56	11.380	1576	1580	1582	rBV	1004688	867979	6.88%	1.137%
57	11.404	1582	1584	1591	rVV	967398	923138	7.32%	1.209%
58	11.457	1591	1593	1596	rVV	216183	171735	1.36%	0.225%
59	11.621	1617	1621	1626	rBV5	155441	206942	1.64%	0.271%
60	11.669	1626	1629	1632	rBV	897147	814898	6.46%	1.067%
61	11.774	1643	1647	1650	rBV	3464191	2980493	23.62%	3.903%
62	11.886	1663	1666	1668	rBV	195890	248539	1.97%	0.325%
63	11.927	1668	1673	1677	rVV2	1966138	2700699	21.40%	3.537%
64	11.998	1682	1685	1687	rBV3	236653	247589	1.96%	0.324%
65	12.080	1696	1699	1704	rVB2	855545	753763	5.97%	0.987%
66	12.363	1744	1747	1750	rBV	140342	132769	1.05%	0.174%
67	12.433	1756	1759	1761	rBV2	157686	168398	1.33%	0.221%
68	12.480	1761	1767	1769	rVV	8134365	12619422	100.00%	16.525%
69	12.504	1769	1771	1776	rVB2	7844073	6860444	54.36%	8.984%
70	12.574	1779	1783	1786	rBV	2457156	2078978	16.47%	2.722%
71	12.604	1786	1788	1791	rBV	1008709	854252	6.77%	1.119%
72	12.716	1800	1807	1812	rBV	2507095	3262865	25.86%	4.273%
73	12.833	1821	1827	1833	rBV2	994811	1462714	11.59%	1.915%
74	12.980	1848	1852	1855	rVB	2365489	2006487	15.90%	2.628%
75	13.057	1862	1865	1872	rVB5	100940	191848	1.52%	0.251%
76	13.163	1881	1883	1887	rVB	217835	215811	1.71%	0.283%

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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-BF062623.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	13.210	1887	1891	1892	rBV	338242	352729	2.80%	0.462%
78	13.227	1892	1894	1898	rVV2	222994	219070	1.74%	0.287%
79	13.268	1899	1901	1904	rVV2	157687	139963	1.11%	0.183%
80	13.304	1904	1907	1909	rVB2	240129	199238	1.58%	0.261%
81	13.463	1931	1934	1942	rVB2	160514	208834	1.65%	0.273%
82	13.551	1946	1949	1953	rBV	253789	245653	1.95%	0.322%
83	13.886	2003	2006	2008	rBV	192793	176543	1.40%	0.231%
84	13.974	2019	2021	2025	rVB	229375	207896	1.65%	0.272%
85	14.039	2027	2032	2035	rVV2	882978	1286377	10.19%	1.685%
86	14.068	2035	2037	2044	rVB	493152	472840	3.75%	0.619%
87	14.204	2057	2060	2064	rVB	154458	148303	1.18%	0.194%
88	14.510	2110	2112	2117	rVB4	142874	161477	1.28%	0.211%
89	14.827	2163	2166	2169	rBV	125401	126955	1.01%	0.166%
90	15.104	2209	2213	2220	rVB	346024	653361	5.18%	0.856%
91	15.415	2263	2266	2273	rVB	214804	280546	2.22%	0.367%
92	15.480	2273	2277	2284	rBV	276500	385678	3.06%	0.505%
93	15.545	2284	2288	2292	rBV	382530	522261	4.14%	0.684%

Sum of corrected areas: 76363526

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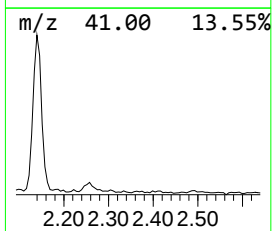
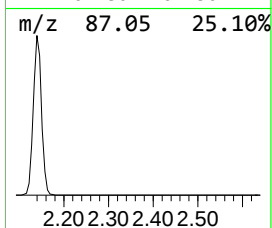
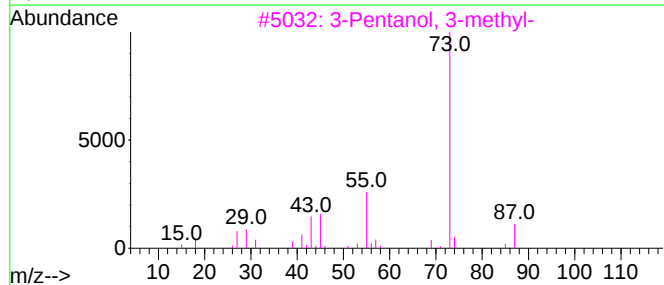
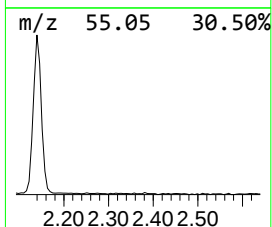
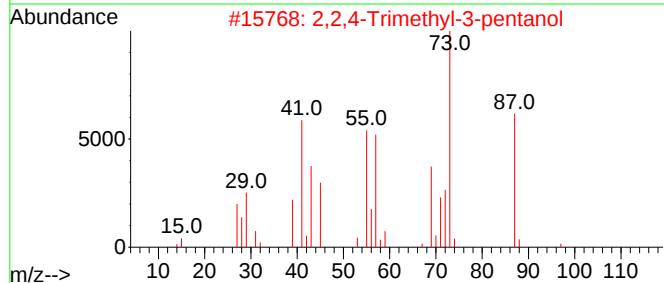
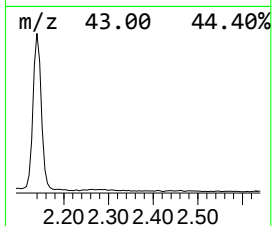
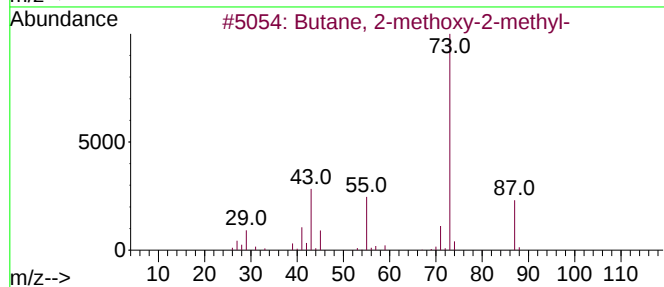
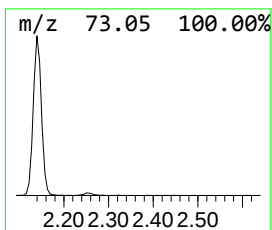
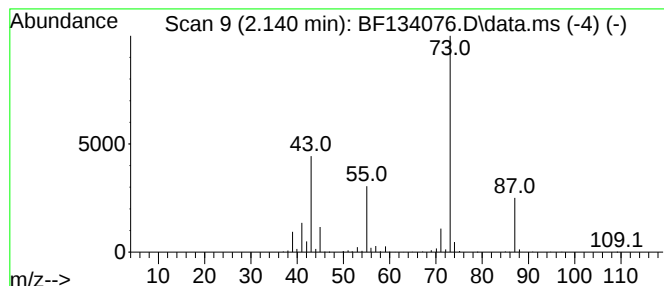
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.140	16.12 ng	620211	1,4-Dichlorobenzene-d4	6.845

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2			2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3			3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	38
4			2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	38
5			Silane, tetramethyl-	88	C4H12Si	000075-76-3	38



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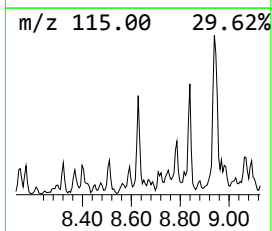
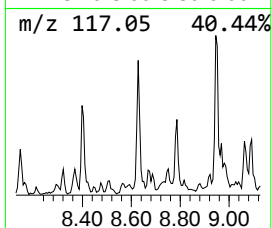
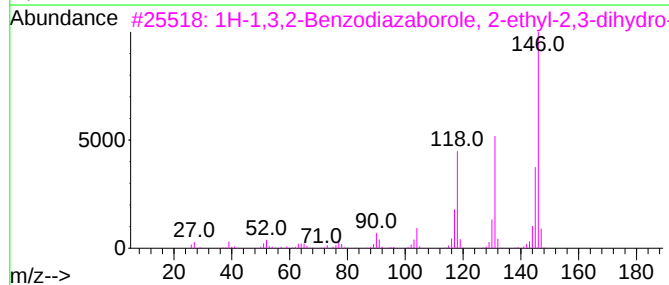
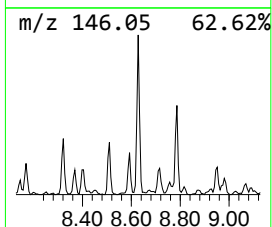
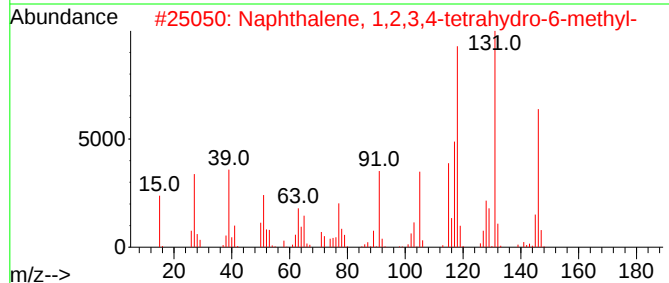
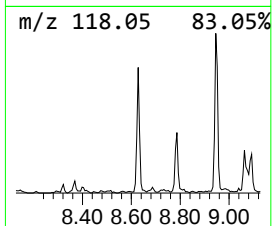
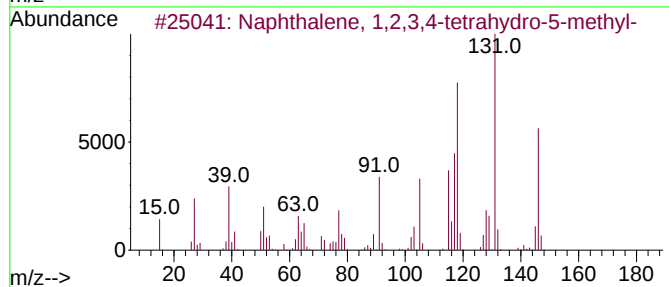
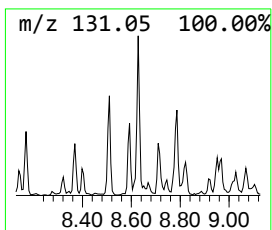
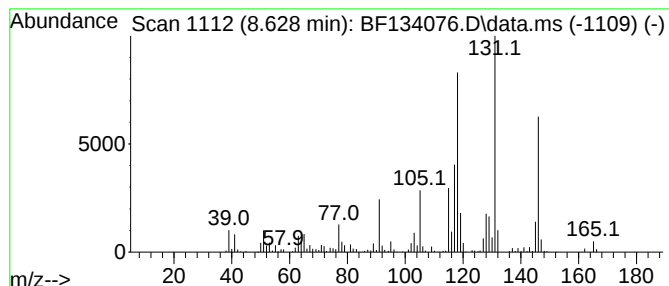
Instrument :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.	
8.628	6.62 ng	361603	Naphthalene-d8	8.128	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	96
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	96
3	1H-1,3,2-Benzodiazaborole, 2-eth...	146	C8H11BN2	074663-81-3	83
4	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	55
5	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	55



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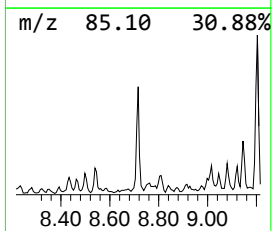
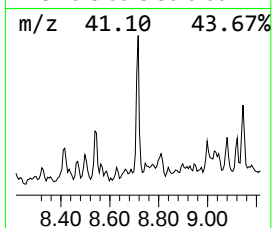
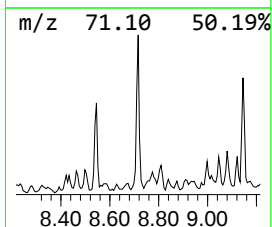
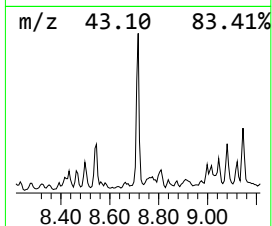
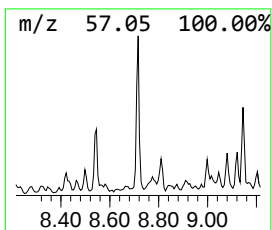
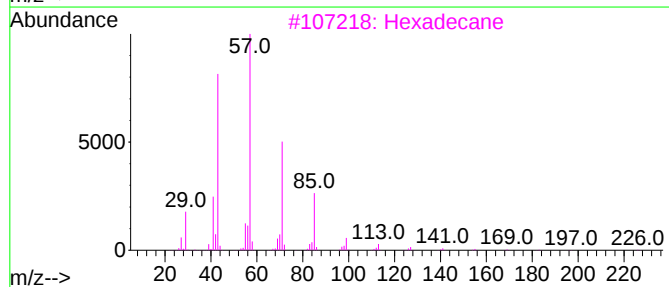
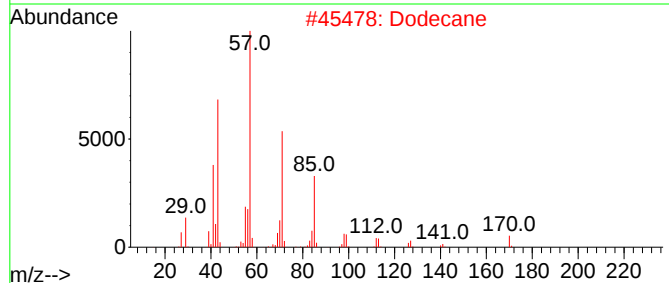
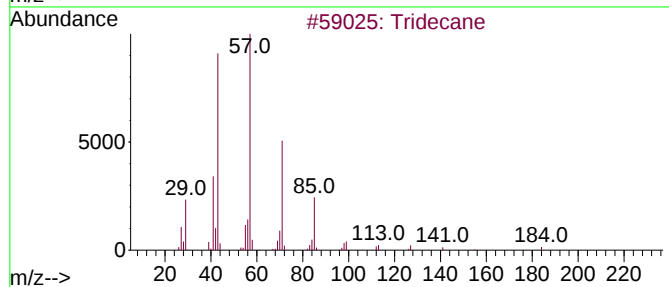
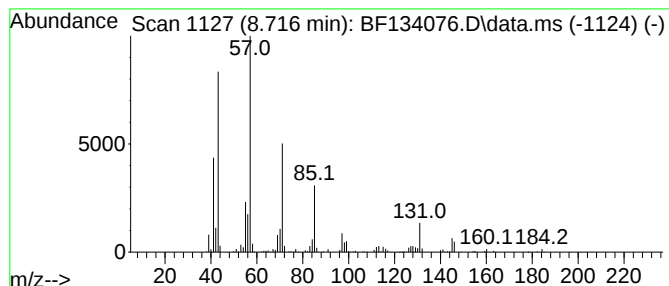
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Tridecane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.716	10.45 ng	570596	Naphthalene-d8	8.128

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane	184	C13H28	000629-50-5	95
2			Dodecane	170	C12H26	000112-40-3	64
3			Hexadecane	226	C16H34	000544-76-3	64
4			Tetradecane	198	C14H30	000629-59-4	64
5			Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	58



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NB-07-063023

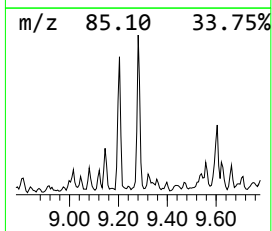
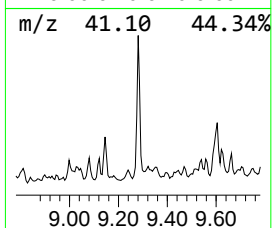
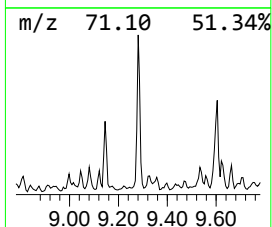
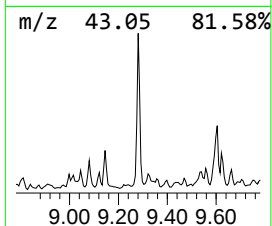
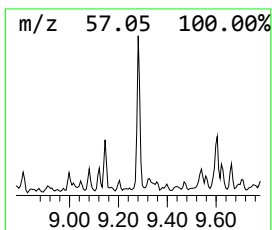
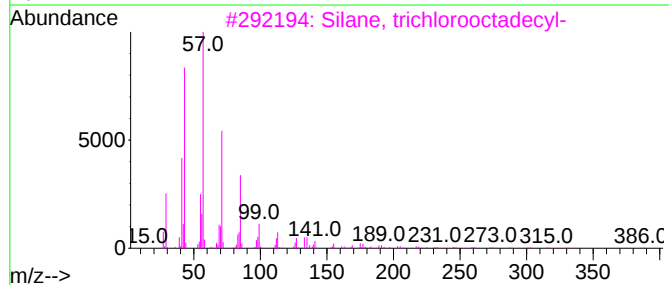
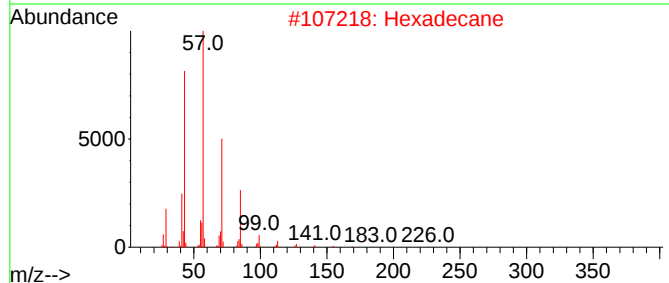
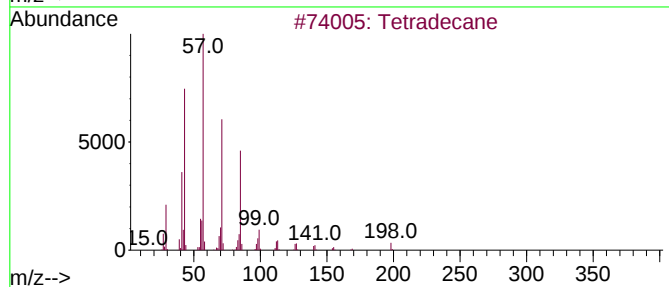
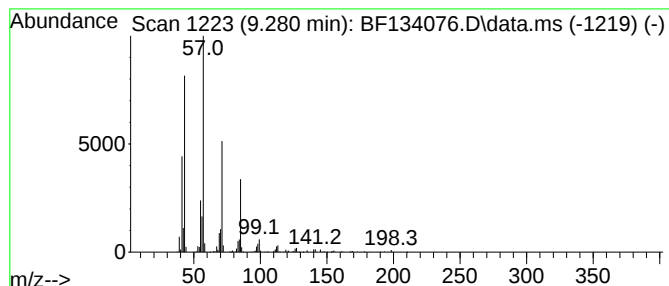
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Tetradecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.280	14.67 ng	909902	Acenaphthene-d10	9.886

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradecane	198	C14H30	000629-59-4	95
2			Hexadecane	226	C16H34	000544-76-3	91
3			Silane, trichlorooctadecyl-	386	C18H37Cl3Si	000112-04-9	90
4			Tridecane	184	C13H28	000629-50-5	86
5			Undecane	156	C11H24	001120-21-4	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070523\
Data File : BF134076.D
Acq On : 05 Jul 2023 20:24
Operator : CG\JU
Sample : 03498-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

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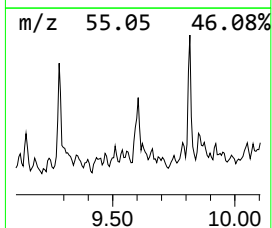
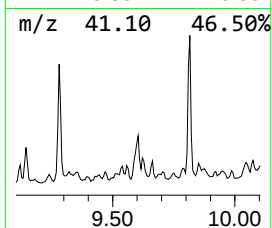
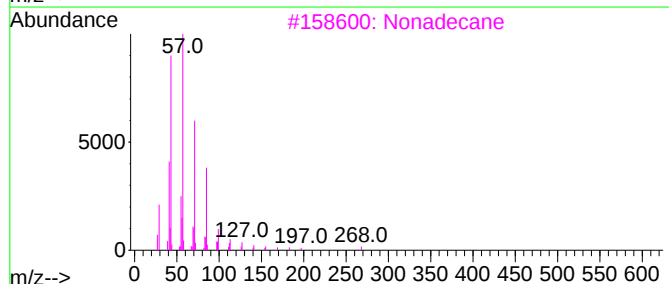
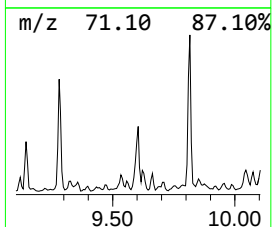
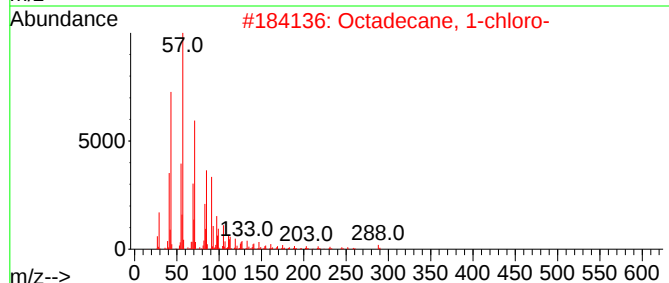
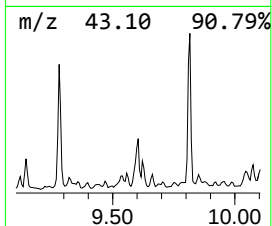
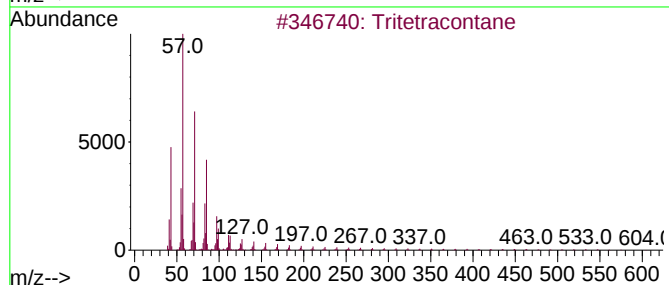
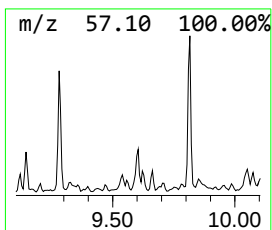
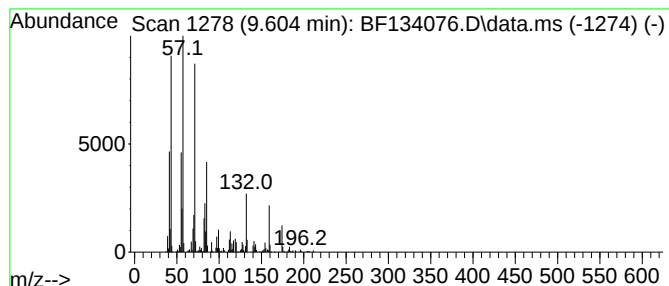
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Tritetracontane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.604	9.87 ng	612564	Acenaphthene-d10	9.886

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tritetracontane	605	C43H88	007098-21-7	72
2			Octadecane, 1-chloro-	288	C18H37Cl	003386-33-2	72
3			Nonadecane	268	C19H40	000629-92-5	62
4			Tetradecane	198	C14H30	000629-59-4	58
5			Hexadecane	226	C16H34	000544-76-3	58



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070523\
Data File : BF134076.D
Acq On : 05 Jul 2023 20:24
Operator : CG\JU
Sample : 03498-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NB-07-063023

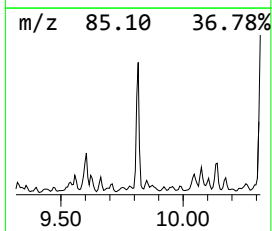
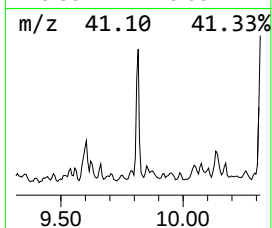
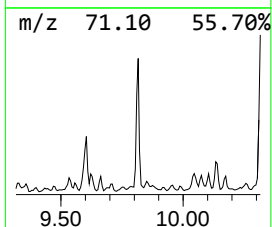
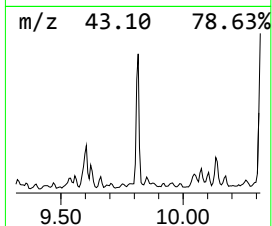
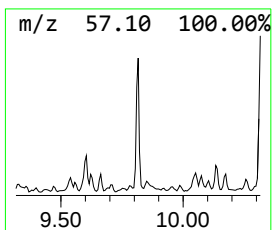
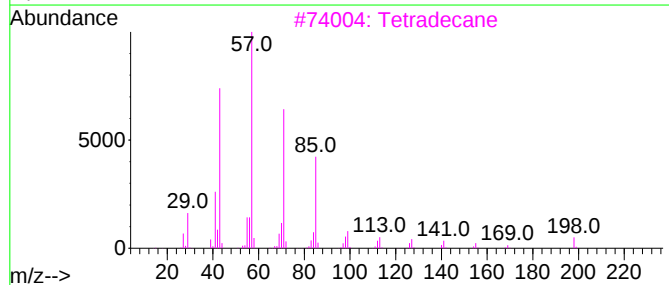
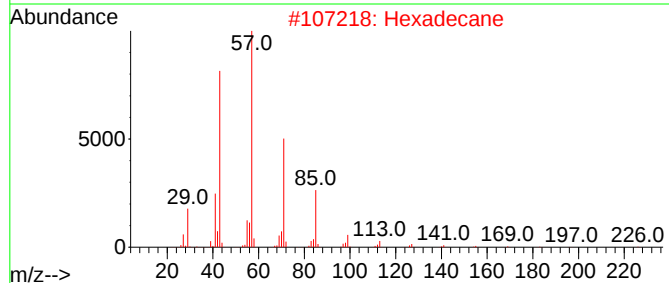
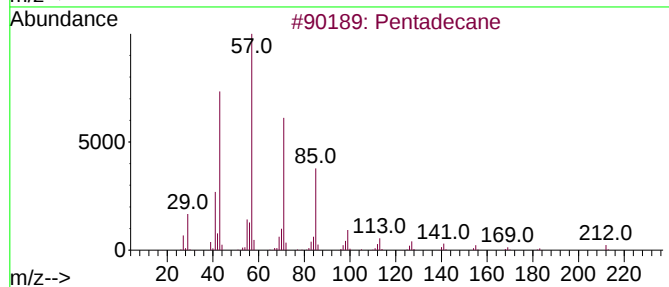
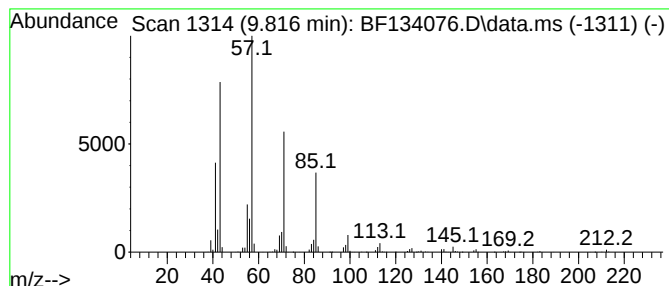
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Pentadecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.816	16.71 ng	1036450	Acenaphthene-d10	9.886

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentadecane	212	C15H32	000629-62-9	94
2			Hexadecane	226	C16H34	000544-76-3	91
3			Tetradecane	198	C14H30	000629-59-4	90
4			Heptadecane	240	C17H36	000629-78-7	90
5			Undecane	156	C11H24	001120-21-4	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070523\
Data File : BF134076.D
Acq On : 05 Jul 2023 20:24
Operator : CG\JU
Sample : 03498-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

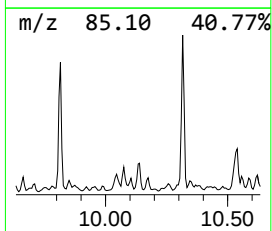
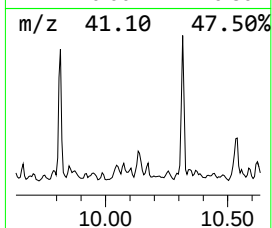
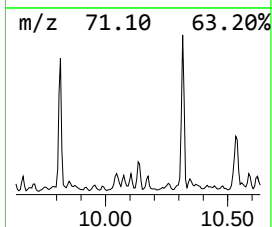
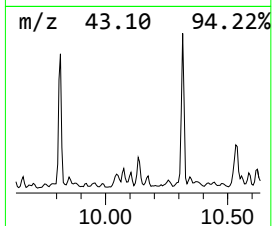
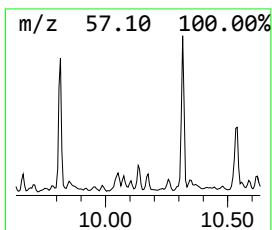
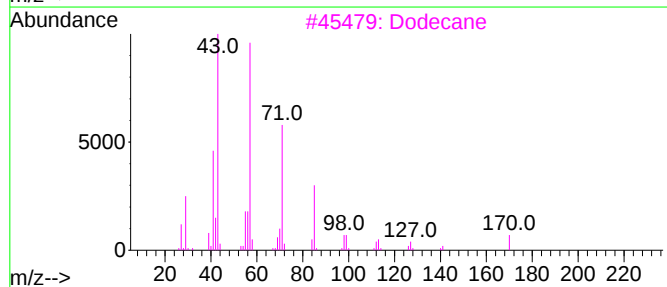
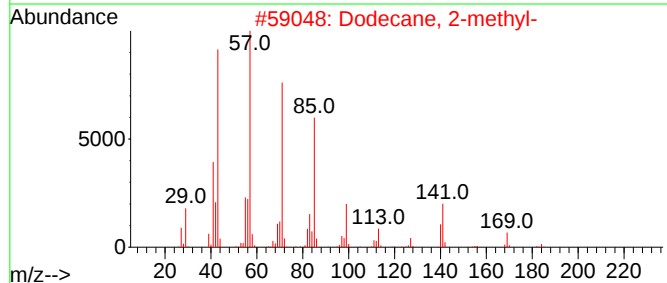
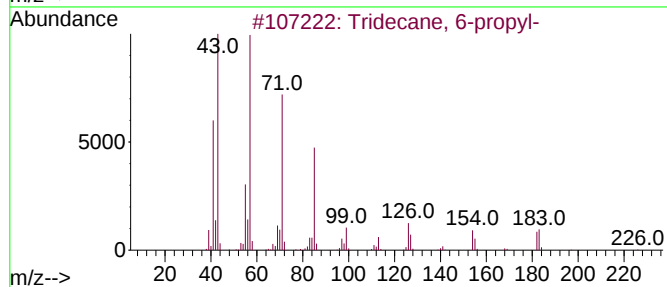
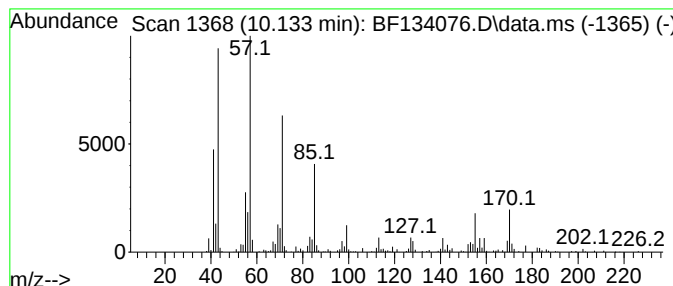
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ClientSampleId :
NB-07-063023

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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 Tridecane, 6-propyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD		R.T.	
10.133	7.16 ng	444234	Acenaphthene-d10		9.886	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Tridecane, 6-propyl-		226	C16H34	055045-10-8	89
2	Dodecane, 2-methyl-		184	C13H28	001560-97-0	83
3	Dodecane		170	C12H26	000112-40-3	81
4	Hexadecane		226	C16H34	000544-76-3	70
5	1-Iodo-2-methylundecane		296	C12H25I	073105-67-6	68



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070523\
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Sample : 03498-01
Misc :
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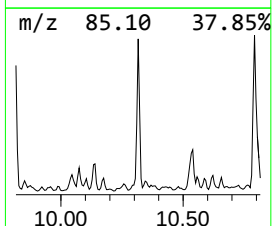
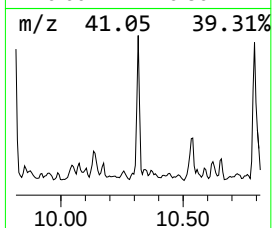
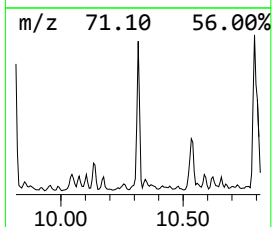
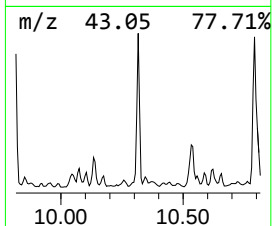
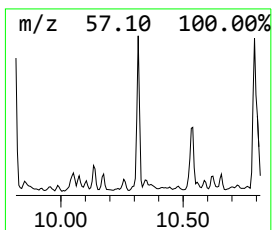
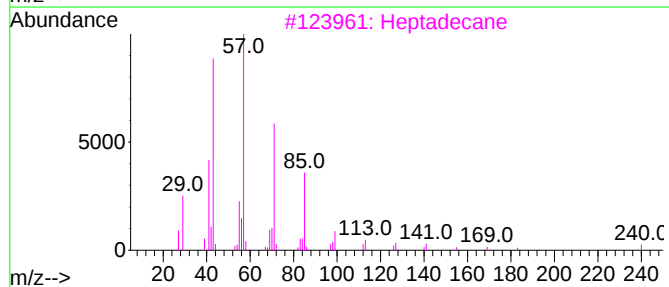
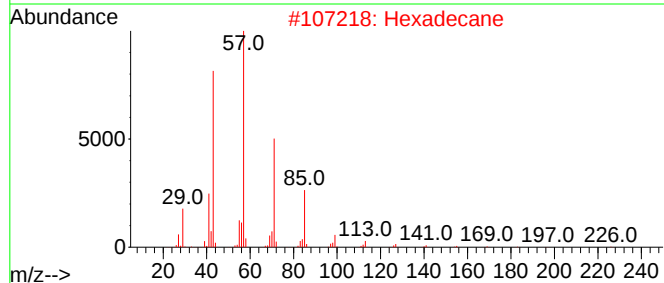
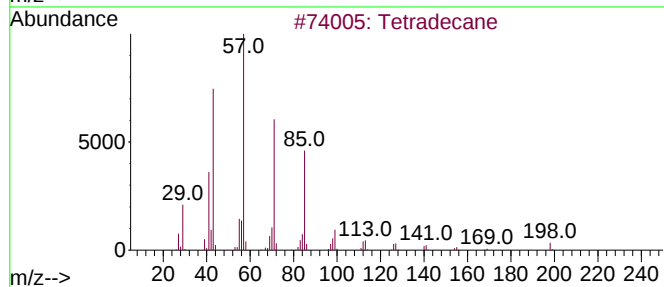
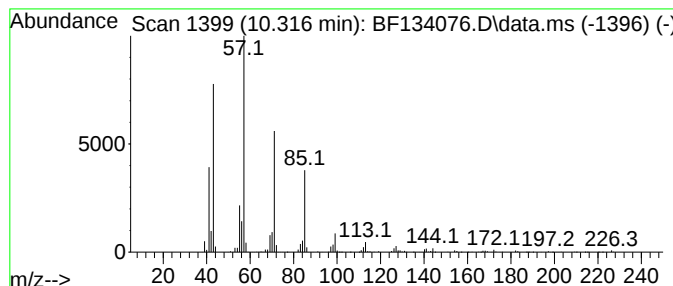
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NB-07-063023

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Hexadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD		R.T.	
10.316	18.44 ng	1144180	Acenaphthene-d10		9.886	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Tetradecane		198	C14H30	000629-59-4	97
2	Hexadecane		226	C16H34	000544-76-3	91
3	Heptadecane		240	C17H36	000629-78-7	90
4	Tridecane		184	C13H28	000629-50-5	90
5	Dodecane, 2-methyl-6-propyl-		226	C16H34	055045-08-4	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070523\
Data File : BF134076.D
Acq On : 05 Jul 2023 20:24
Operator : CG\JU
Sample : 03498-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

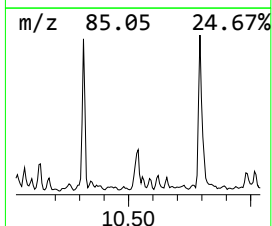
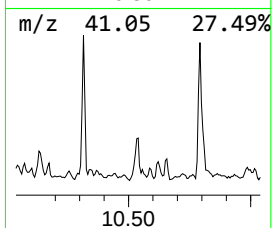
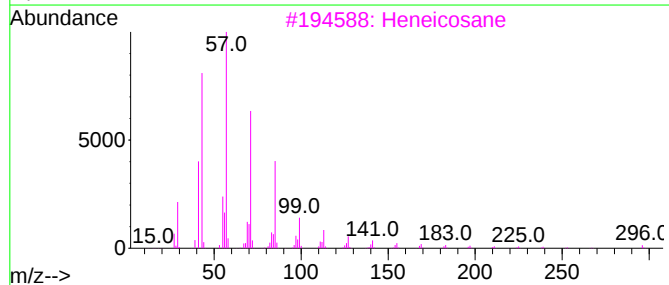
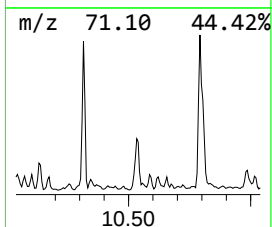
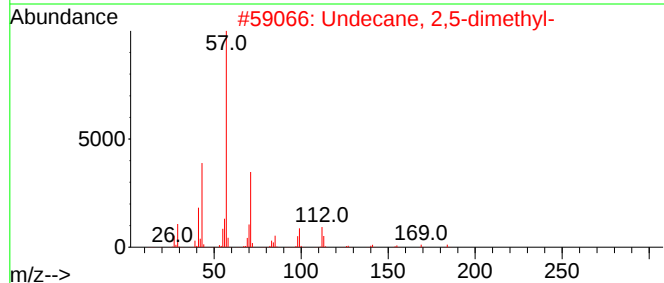
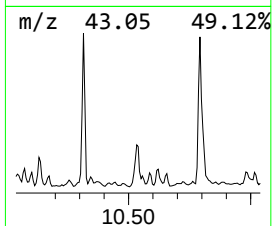
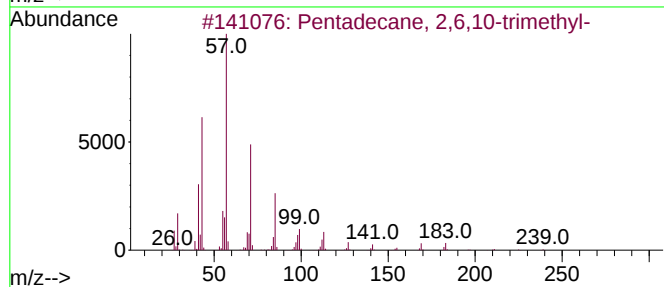
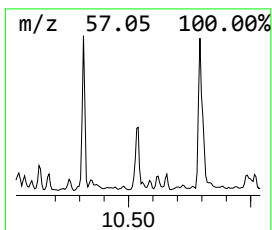
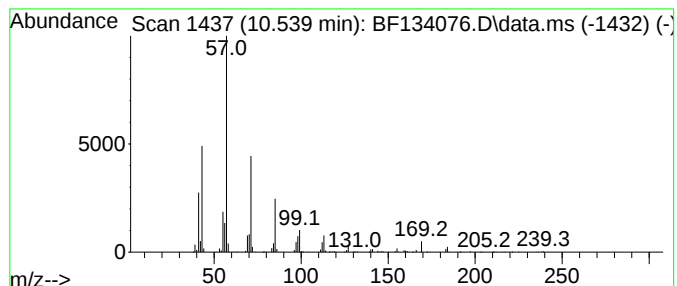
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Pentadecane, 2,6,10-trimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD			R.T.
10.539	10.60 ng	657553	Acenaphthene-d10			9.886
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10-trimethyl-		254	C18H38	003892-00-0	90
2	Undecane, 2,5-dimethyl-		184	C13H28	017301-22-3	76
3	Heneicosane		296	C21H44	000629-94-7	72
4	Octadecane		254	C18H38	000593-45-3	72
5	Heptadecane, 2,6,10,15-tetramethyl-		296	C21H44	054833-48-6	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070523\
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Acq On : 05 Jul 2023 20:24
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Misc :
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ClientSampleId :
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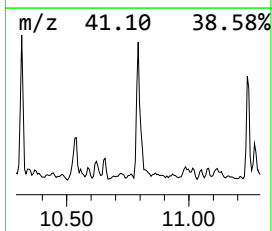
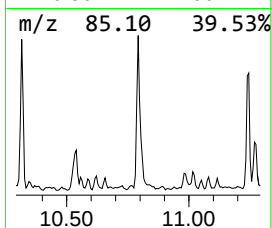
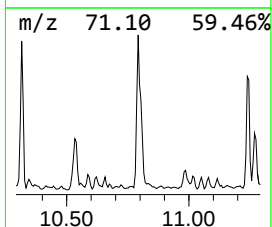
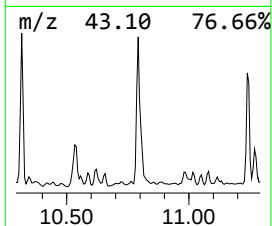
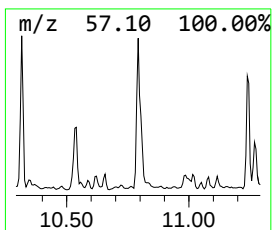
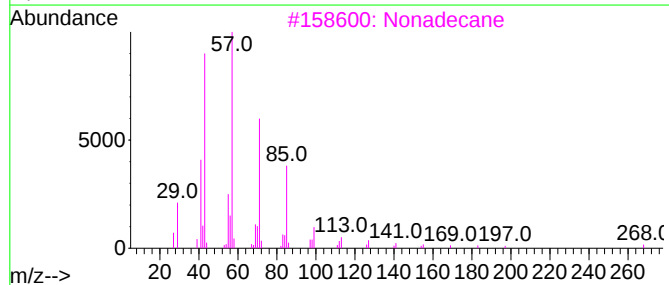
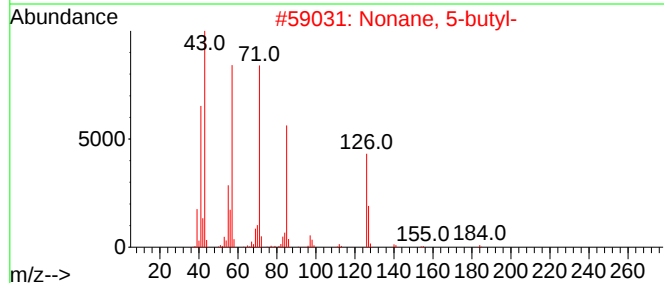
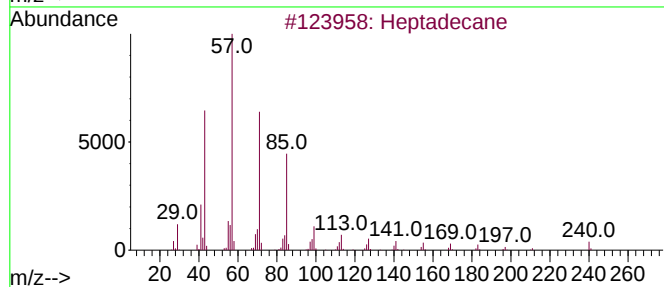
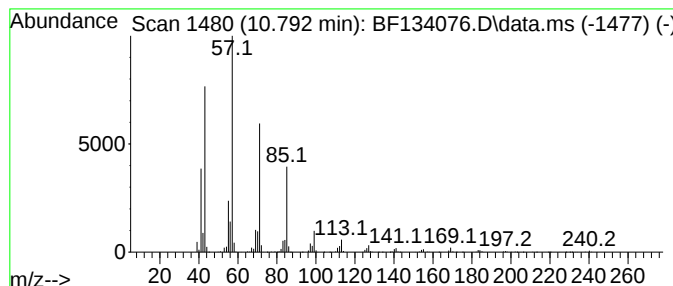
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Heptadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.792	39.29 ng	1704950	Phenanthrene-d10	11.380

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heptadecane	240	C17H36	000629-78-7	95
2		Nonane, 5-butyl-	184	C13H28	017312-63-9	94
3		Nonadecane	268	C19H40	000629-92-5	91
4		Heneicosane	296	C21H44	000629-94-7	90
5		Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070523\
Data File : BF134076.D
Acq On : 05 Jul 2023 20:24
Operator : CG\JU
Sample : 03498-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

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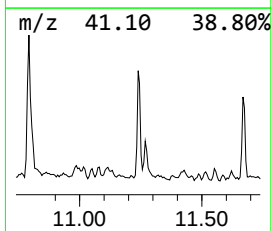
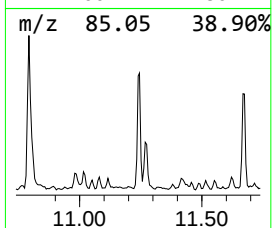
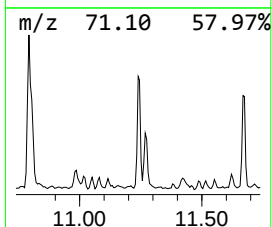
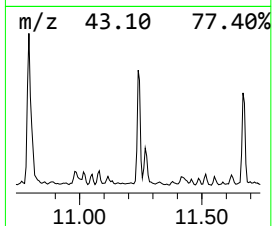
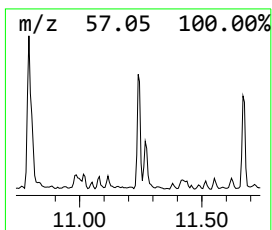
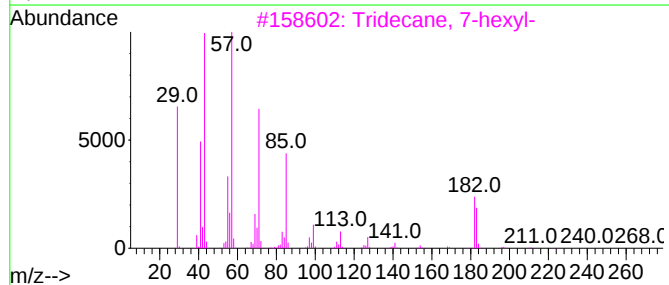
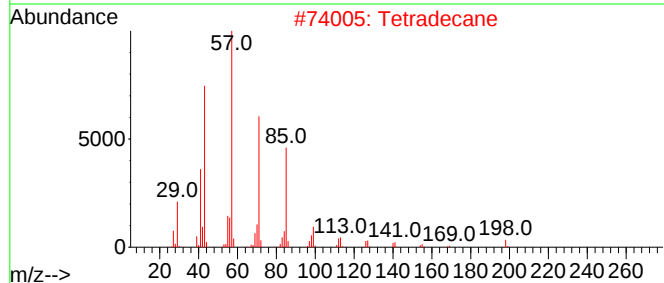
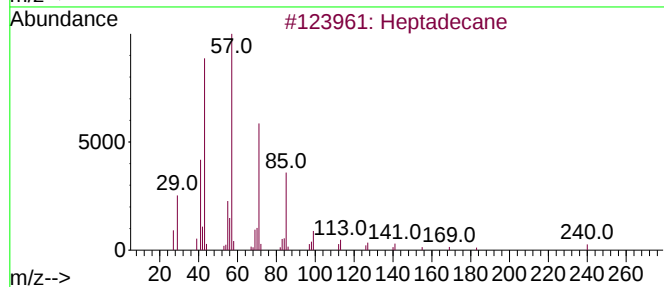
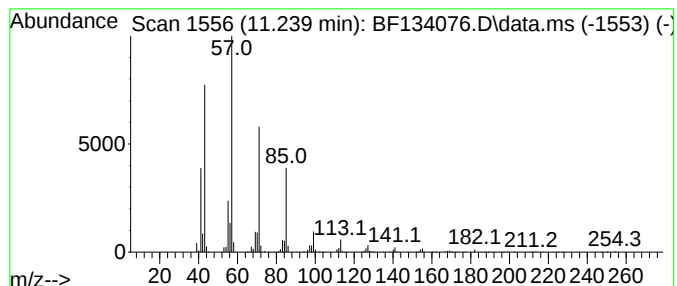
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Tridecane, 7-hexyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.239	23.37 ng	1014300	Phenanthrene-d10	11.380

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptadecane	240	C17H36	000629-78-7	91
2			Tetradecane	198	C14H30	000629-59-4	90
3			Tridecane, 7-hexyl-	268	C19H40	007225-66-3	90
4			Octacosane	394	C28H58	000630-02-4	90
5			Nonadecane	268	C19H40	000629-92-5	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070523\
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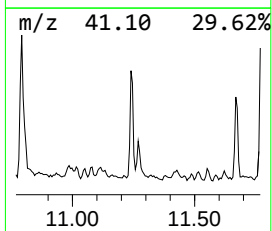
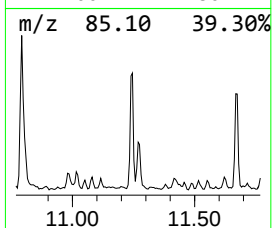
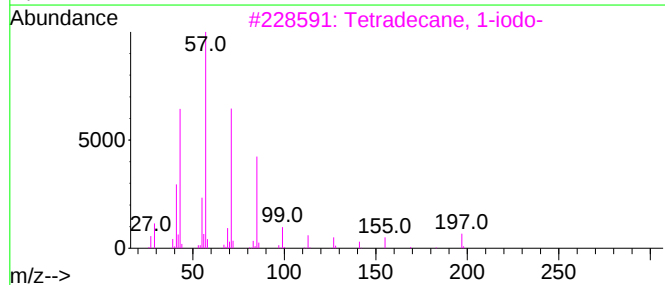
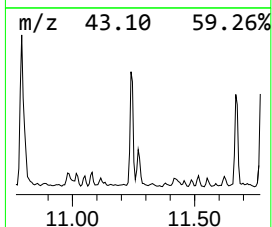
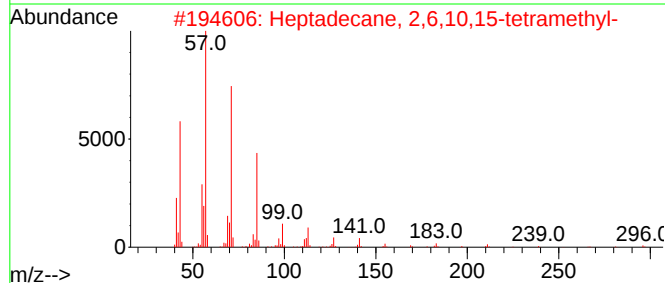
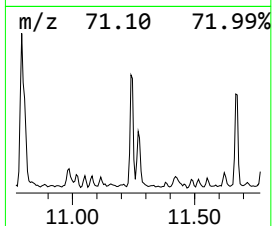
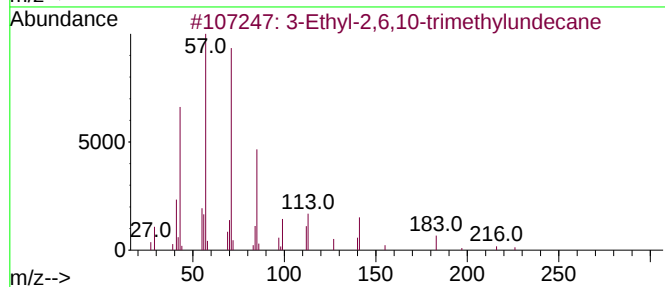
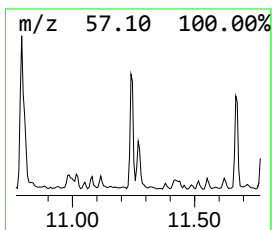
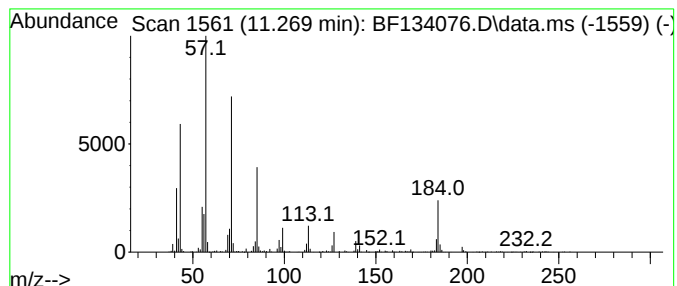
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 3-Ethyl-2,6,10-trimethylund... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD		R.T.	
11.269	13.95 ng	605521	Phenanthrene-d10		11.380	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	3-Ethyl-2,6,10-trimethylundecane		226	C16H34	1000432-25-9	72
2	Heptadecane, 2,6,10,15-tetramethyl-		296	C21H44	054833-48-6	64
3	Tetradecane, 1-iodo-		324	C14H29I	019218-94-1	64
4	Hexadecane		226	C16H34	000544-76-3	58
5	Dodecane, 2-methyl-		184	C13H28	001560-97-0	53



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070523\
Data File : BF134076.D
Acq On : 05 Jul 2023 20:24
Operator : CG\JU
Sample : 03498-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
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ClientSampleId :
NB-07-063023

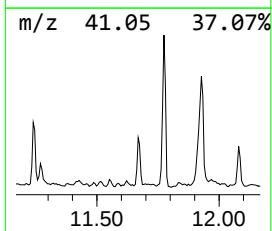
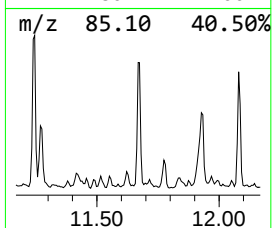
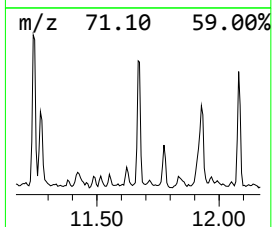
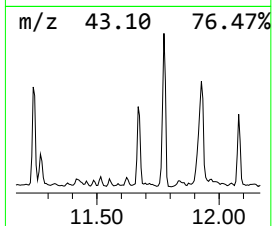
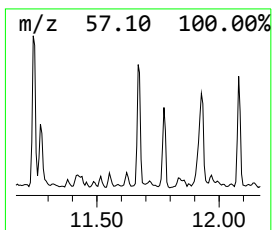
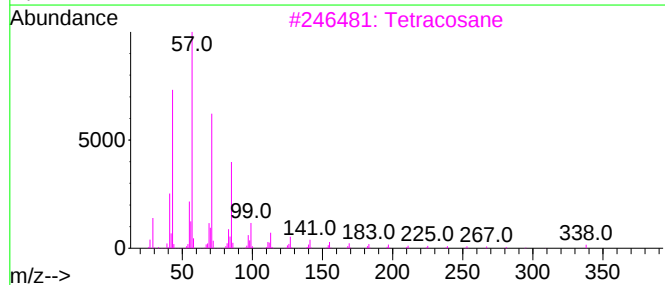
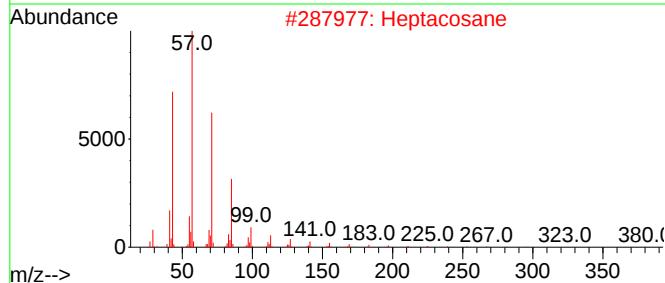
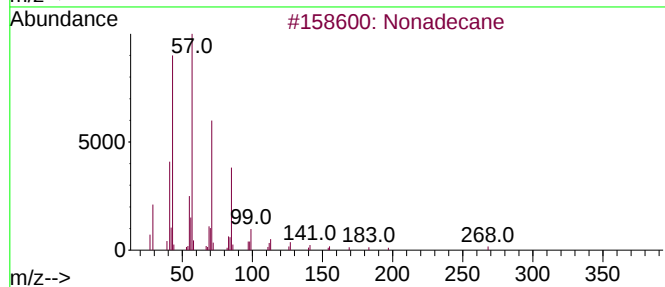
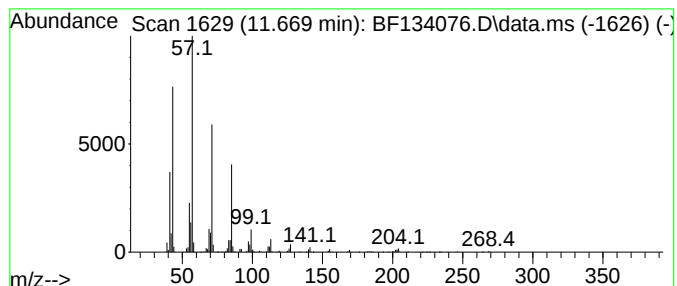
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Nonadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.669	18.78 ng	814898	Phenanthrene-d10	11.380

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonadecane	268	C19H40	000629-92-5	91
2			Heptacosane	380	C27H56	000593-49-7	91
3			Tetracosane	338	C24H50	000646-31-1	90
4			Heptadecane	240	C17H36	000629-78-7	90
5			Pentadecane	212	C15H32	000629-62-9	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070523\
Data File : BF134076.D
Acq On : 05 Jul 2023 20:24
Operator : CG\JU
Sample : 03498-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

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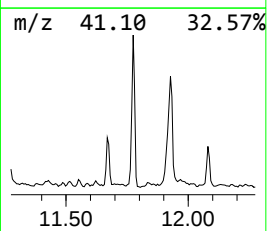
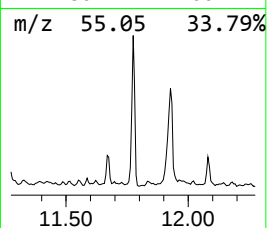
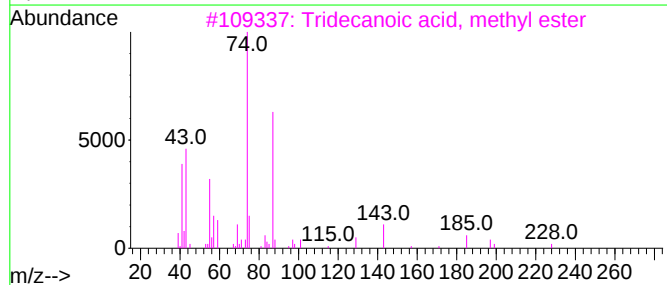
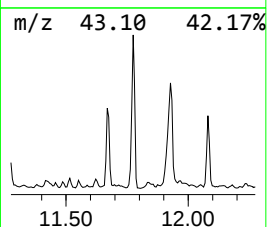
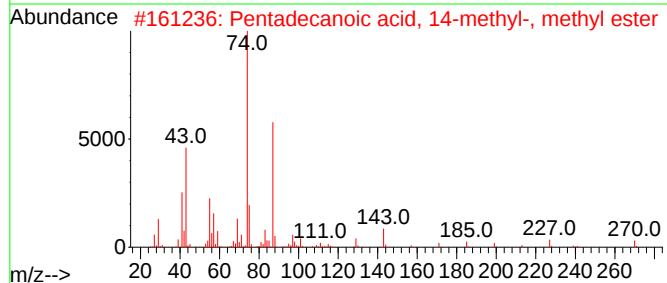
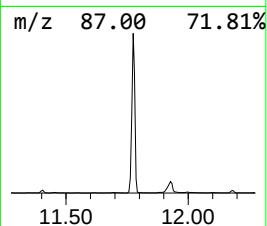
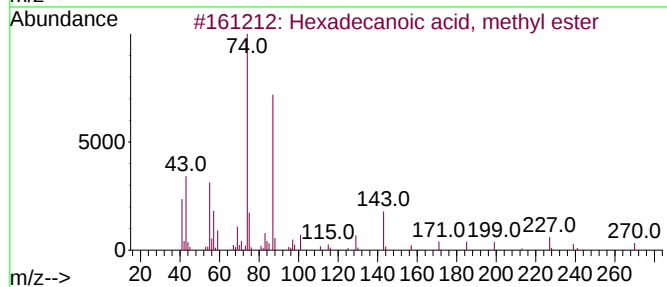
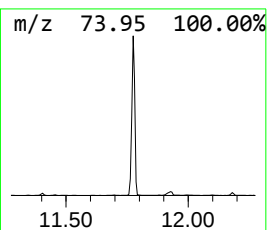
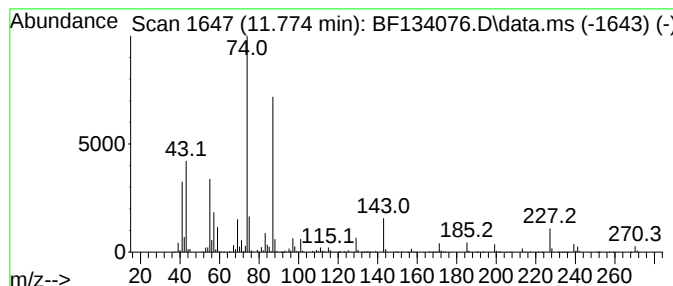
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Hexadecanoic acid, methyl e... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.774	68.68 ng	2980490	Phenanthrene-d10	11.380

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	98
2			Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	97
3			Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	93
4			Methyl tetradecanoate	242	C15H30O2	000124-10-7	87
5			Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070523\
Data File : BF134076.D
Acq On : 05 Jul 2023 20:24
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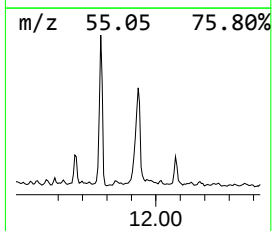
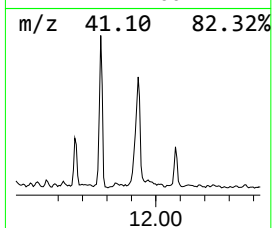
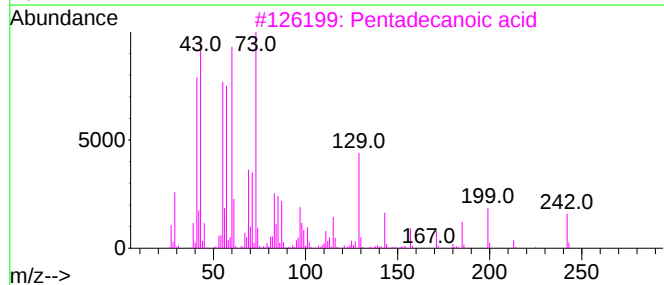
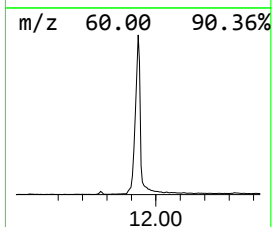
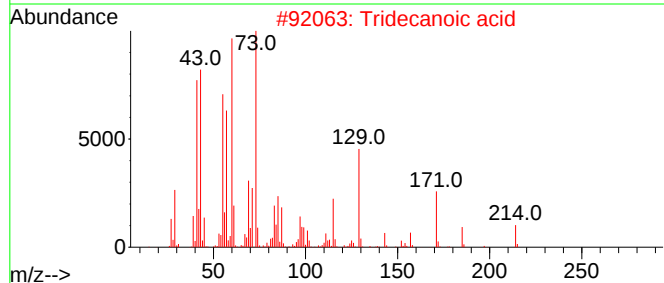
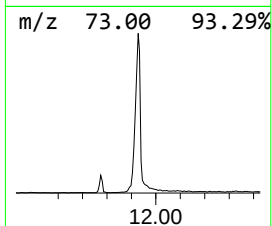
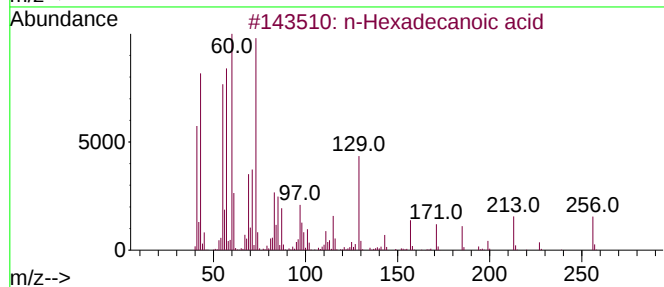
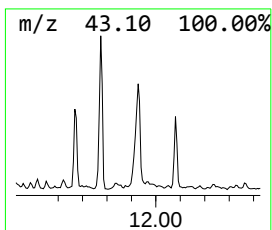
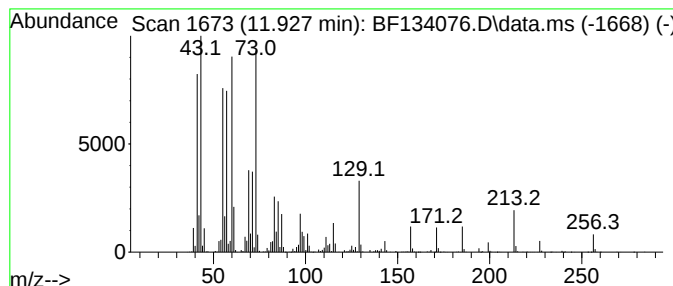
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.927	62.23 ng	2700700	Phenanthrene-d10	11.380

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2		Tridecanoic acid	214	C13H26O2	000638-53-9	95
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	87
4		Undecanoic acid	186	C11H22O2	000112-37-8	70
5		Tetradecanoic acid	228	C14H28O2	000544-63-8	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070523\
Data File : BF134076.D
Acq On : 05 Jul 2023 20:24
Operator : CG\JU
Sample : 03498-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

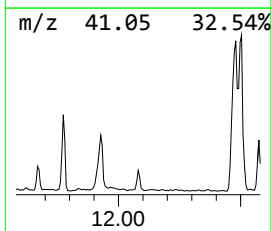
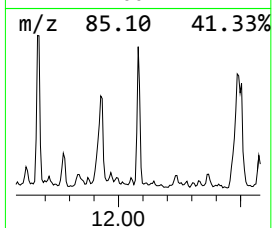
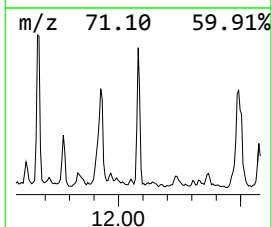
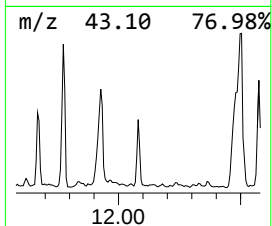
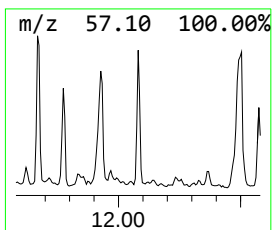
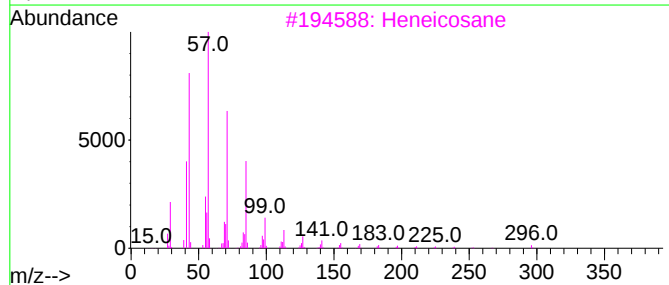
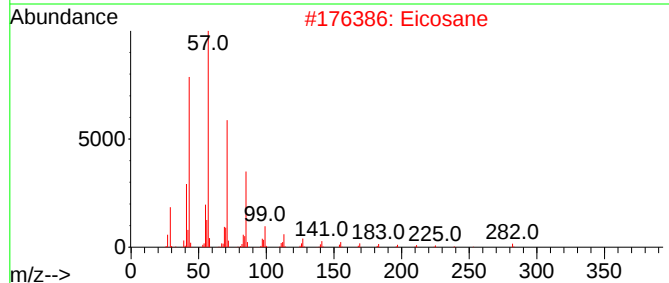
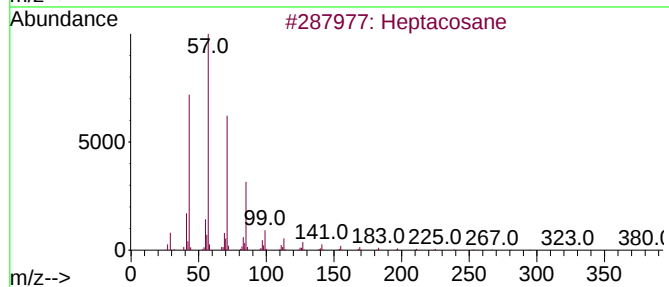
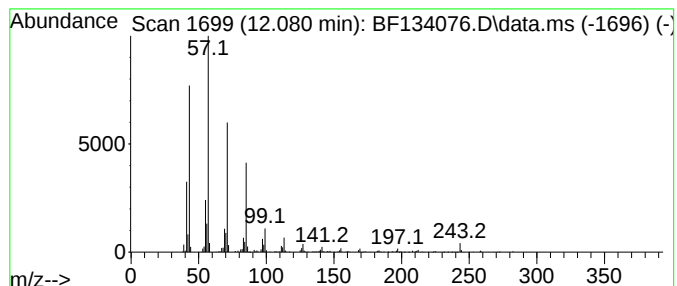
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Heptacosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD		R.T.	
12.080	17.37 ng	753763	Phenanthrene-d10		11.380	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Heptacosane		380	C27H56	000593-49-7	91
2	Eicosane		282	C20H42	000112-95-8	91
3	Heneicosane		296	C21H44	000629-94-7	90
4	Octadecane		254	C18H38	000593-45-3	90
5	Pentadecane		212	C15H32	000629-62-9	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070523\
Data File : BF134076.D
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ALS Vial : 5 Sample Multiplier: 1

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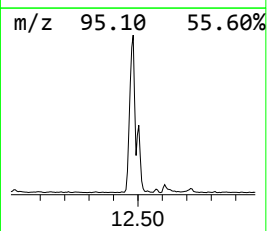
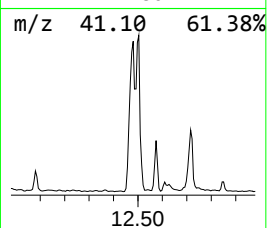
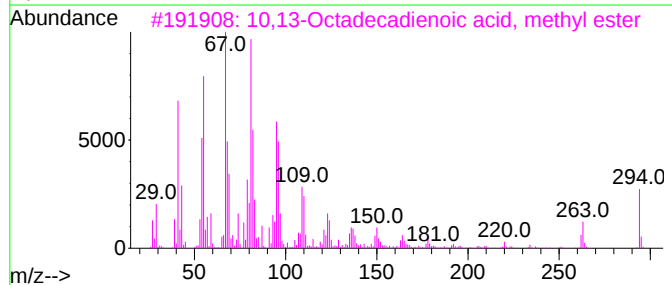
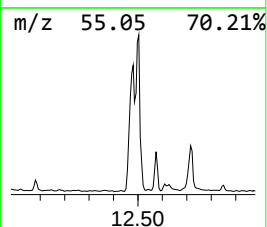
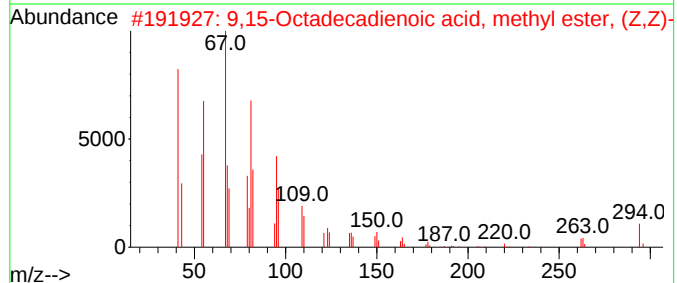
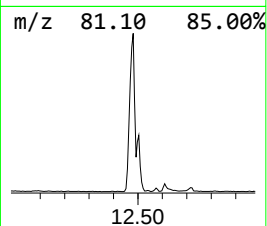
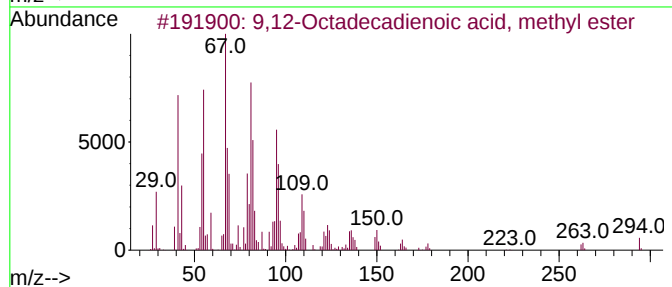
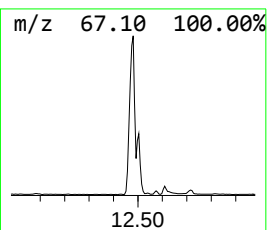
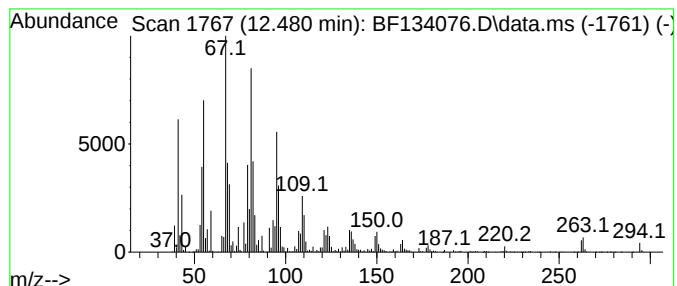
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 9,12-Octadecadienoic acid, ... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.480	290.78 ng	12619400	Phenanthrene-d10	11.380

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	99		
2	9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	99		
3	10,13-Octadecadienoic acid, meth...	294	C19H34O2	056554-62-2	99		
4	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	99		
5	Methyl 9-cis,11-trans-octadecadi...	294	C19H34O2	013058-52-1	99		



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070523\
Data File : BF134076.D
Acq On : 05 Jul 2023 20:24
Operator : CG\JU
Sample : 03498-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

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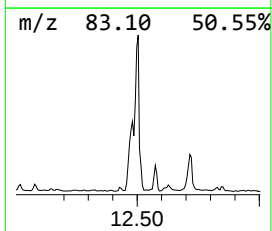
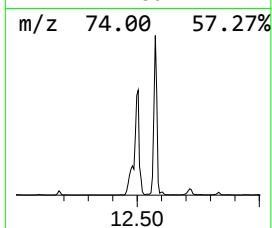
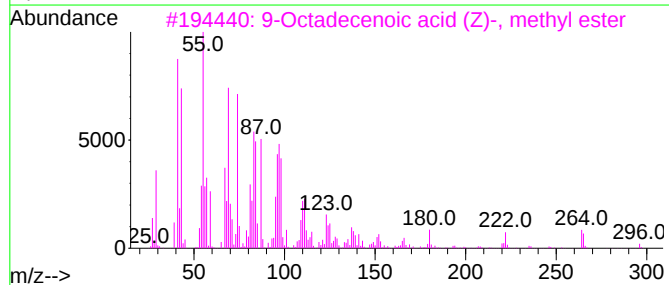
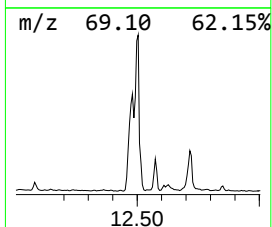
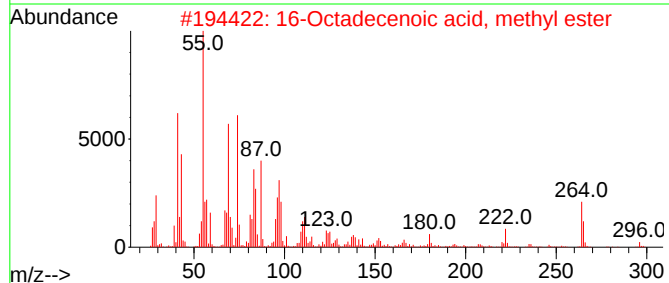
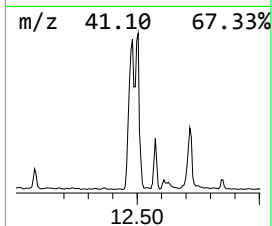
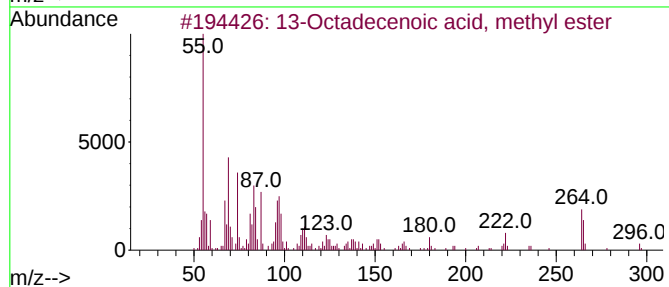
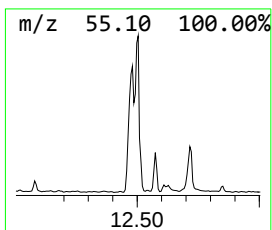
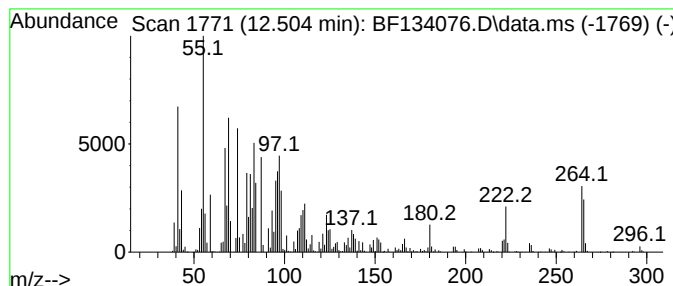
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 13-Octadecenoic acid, methyl... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.504	158.08 ng	6860440	Phenanthrene-d10	11.380

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		13-Octadecenoic acid, methyl ester	296	C19H36O2	056554-47-3	98
2		16-Octadecenoic acid, methyl ester	296	C19H36O2	056554-49-5	98
3		9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	98
4		11-Octadecenoic acid, methyl ester	296	C19H36O2	052380-33-3	96
5		6-Octadecenoic acid, methyl ester	296	C19H36O2	052355-31-4	95



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070523\
Data File : BF134076.D
Acq On : 05 Jul 2023 20:24
Operator : CG\JU
Sample : 03498-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

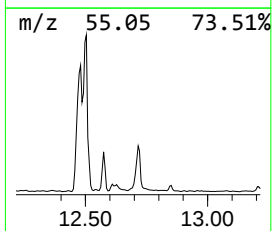
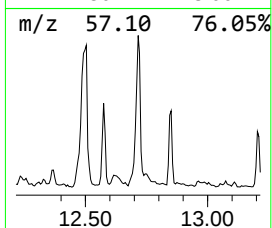
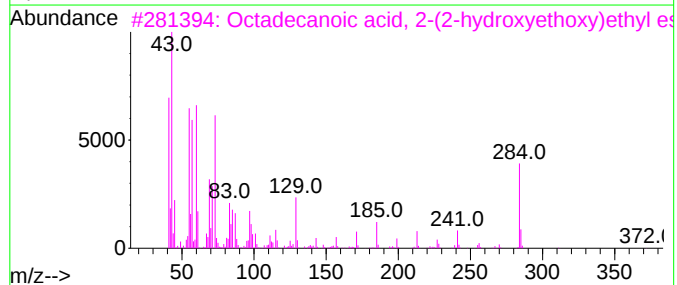
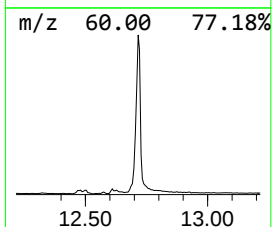
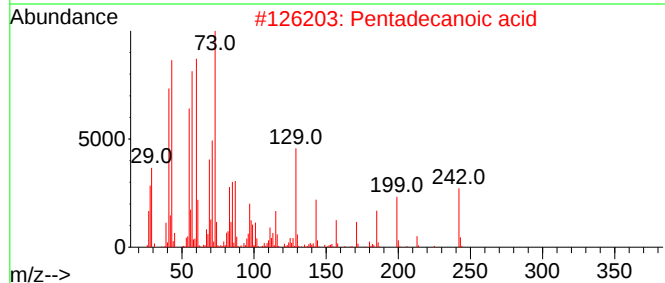
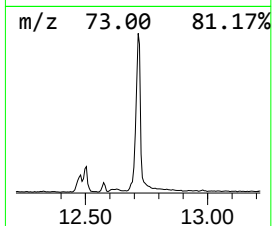
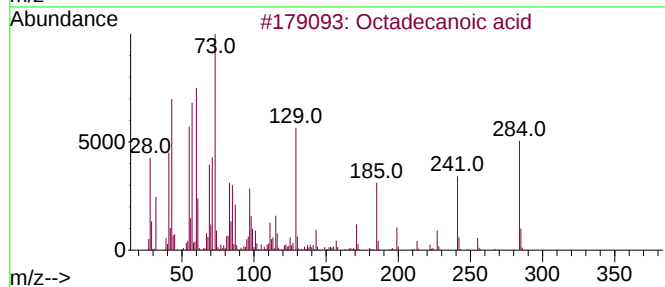
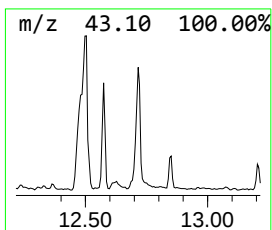
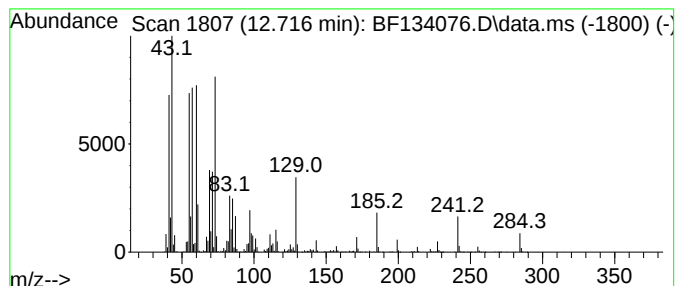
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ClientSampleId :
NB-07-063023

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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 Octadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.716	50.73 ng	3262870	Chrysene-d12	14.039	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
3	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	90
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	87
5	Tridecanoic acid	214	C13H26O2	000638-53-9	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070523\
Data File : BF134076.D
Acq On : 05 Jul 2023 20:24
Operator : CG\JU
Sample : 03498-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NB-07-063023

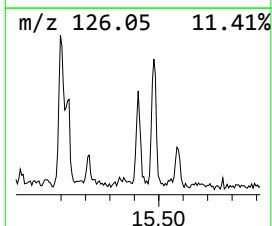
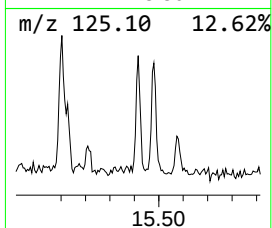
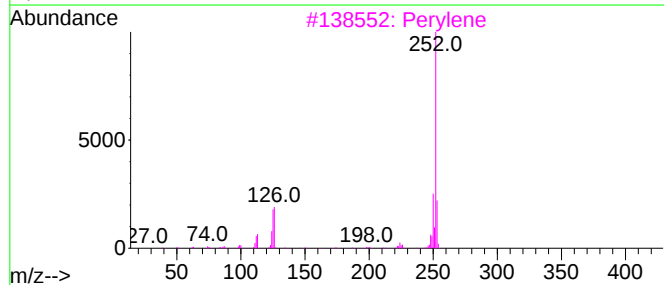
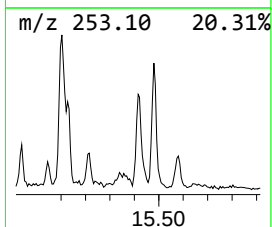
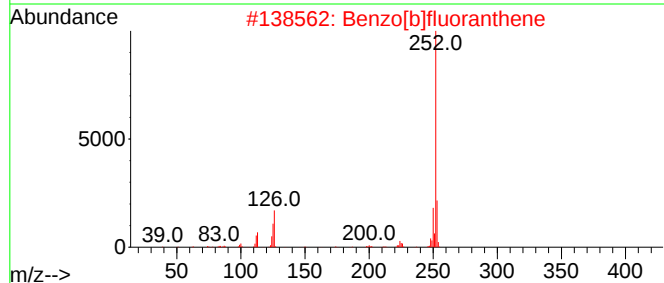
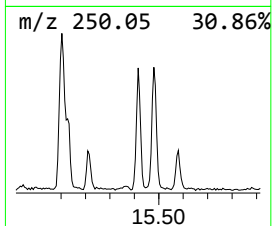
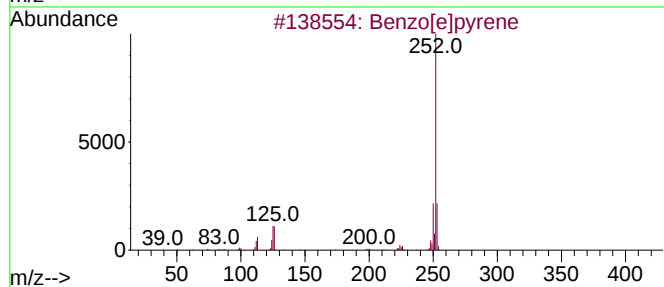
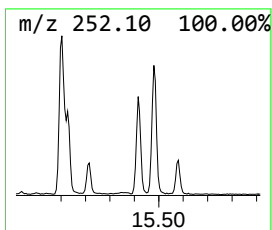
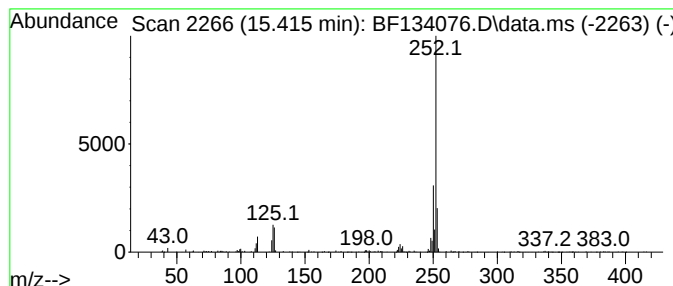
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Benzo[e]pyrene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.415	10.74 ng	280546	Perylene-d12	15.545

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[e]pyrene	252	C20H12	000192-97-2	98
2			Benzo[b]fluoranthene	252	C20H12	000205-99-2	96
3			Perylene	252	C20H12	000198-55-0	93
4			Benzo[a]pyrene	252	C20H12	000050-32-8	93
5			Benzo[j]fluoranthene	252	C20H12	000205-82-3	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070523\
 Data File : BF134076.D
 Acq On : 05 Jul 2023 20:24
 Operator : CG\JU
 Sample : 03498-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NB-07-063023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.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...	2.140	16.1	ng	620211	1	6.845	769314	20.0
Naphthalene, 1,...	8.628	6.6	ng	361603	2	8.128	1092200	20.0
Tridecane	8.716	10.4	ng	570596	2	8.128	1092200	20.0
Tetradecane	9.280	14.7	ng	909902	3	9.886	1240760	20.0
Tritetracontane	9.604	9.9	ng	612564	3	9.886	1240760	20.0
Pentadecane	9.816	16.7	ng	1036450	3	9.886	1240760	20.0
Tridecane, 6-pr...	10.133	7.2	ng	444234	3	9.886	1240760	20.0
Hexadecane	10.316	18.4	ng	1144180	3	9.886	1240760	20.0
Pentadecane, 2,...	10.539	10.6	ng	657553	3	9.886	1240760	20.0
Heptadecane	10.792	39.3	ng	1704950	4	11.380	867979	20.0
Tridecane, 7-he...	11.239	23.4	ng	1014300	4	11.380	867979	20.0
3-Ethyl-2,6,10-...	11.269	13.9	ng	605521	4	11.380	867979	20.0
Nonadecane	11.669	18.8	ng	814898	4	11.380	867979	20.0
Hexadecanoic ac...	11.774	68.7	ng	2980490	4	11.380	867979	20.0
n-Hexadecanoic ...	11.927	62.2	ng	2700700	4	11.380	867979	20.0
Heptacosane	12.080	17.4	ng	753763	4	11.380	867979	20.0
9,12-Octadecadi...	12.480	290.8	ng	12619400	4	11.380	867979	20.0
13-Octadecenoic...	12.504	158.1	ng	6860440	4	11.380	867979	20.0
Octadecanoic acid	12.716	50.7	ng	3262870	5	14.039	1286380	20.0
Benzo[e]pyrene	15.415	10.7	ng	280546	6	15.545	522261	20.0