LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022023\
Data File : BF132485.D
Acq On : 20 Feb 2023 18:34
Operator : CG\JU
Sample : 01587-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OK-02-02162023

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-BF021623.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF132485.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.249	406	410	418	rVB	937539	907030	16.67%	1.113%
2	5.643	473	477	481	rBV	2310402	2000907	36.78%	2.456%
3	6.643	643	647	650	rBV	2336550	1913248	35.17%	2.348%
4	7.025	709	712	715	rBV	1640834	1270473	23.35%	1.559%
5	7.584	804	807	810	rVV	1556216	1294339	23.79%	1.589%
6	7.666	816	821	824	rBV5	98694	168022	3.09%	0.206%
7	8.042	883	885	888	rBV	209005	191773	3.52%	0.235%
8	8.278	922	925	927	rVV	616081	510176	9.38%	0.626%
9	8.313	928	931	933	rVV	1910159	1554946	28.58%	1.908%
10	8.354	936	938	941	rVB	366813	330537	6.08%	0.406%
11	8.507	961	964	967	rVB2	181722	157925	2.90%	0.194%
12	8.595	975	979	983	rVB3	389540	435749	8.01%	0.535%
13	8.719	997	1000	1002	rVB2	422374	338782	6.23%	0.416%
14	8.813	1013	1016	1018	rBV	530863	415455	7.64%	0.510%
15	8.889	1024	1029	1034	rBV	1259557	1115201	20.50%	1.369%
16	8.937	1034	1037	1041	rVV3	159919	272264	5.00%	0.334%
17	8.972	1041	1043	1050	rVB4	242557	376033	6.91%	0.462%
18	9.131	1068	1070	1073	rVV3	495257	480097	8.82%	0.589%
19	9.172	1075	1077	1079	rVV	352372	284260	5.22%	0.349%
20	9.219	1082	1085	1088	rVB3	266675	298897	5.49%	0.367%
21	9.254	1088	1091	1094	rBV2	510931	492810	9.06%	0.605%
22	9.295	1096	1098	1100	rVV	232914	182420	3.35%	0.224%
23	9.325	1100	1103	1105	rVV2	584805	519526	9.55%	0.638%
24	9.384	1110	1113	1118	rVB	2173437	2020608	37.14%	2.480%
25	9.460	1122	1126	1129	rVV	1760292	1561574	28.70%	1.917%
26	9.501	1131	1133	1135	rVV2	215908	209655	3.85%	0.257%
27	9.536	1137	1139	1142	rVV2	399451	346446	6.37%	0.425%
28	9.642	1155	1157	1164	rVB6	313458	367717	6.76%	0.451%
29	9.713	1164	1169	1171	rBV4	341933	554792	10.20%	0.681%
30	9.778	1177	1180	1183	rBV2	700569	761489	14.00%	0.935%
31	9.836	1188	1190	1194	rBV3	310925	341204	6.27%	0.419%
32	9.936	1204	1207	1210	rBV4	177499	167442	3.08%	0.206%
33	9.989	1213	1216	1220	rVB	2186643	1701617	31.28%	2.088%
34	10.031	1220	1223	1225	rBV4	178075	200921	3.69%	0.247%
35	10.078	1228	1231	1233	rVB	1553633	1235950	22.72%	1.517%
36	10.172	1244	1247	1252	rBV5	136446	193857	3.56%	0.238%

LSC Area Percent Report

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Operator : CG\JU
Sample : 01587-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OK-02-02162023

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-BF021623.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	10.225	1252	1256	1258	rBV3	247514	351860	6.47%	0.432%
38	10.248	1258	1260	1262	rVB2	290016	209469	3.85%	0.257%
39	10.278	1262	1265	1268	rVB4	355374	325447	5.98%	0.399%
40	10.313	1268	1271	1275	rBV3	531993	670719	12.33%	0.823%
41	10.348	1275	1277	1281	rVB	317806	275797	5.07%	0.338%
42	10.389	1281	1284	1287	rBV4	234538	329408	6.05%	0.404%
43	10.489	1298	1301	1304	rBV	1990798	1706943	31.37%	2.095%
44	10.519	1304	1306	1309	rVV2	189120	210706	3.87%	0.259%
45	10.554	1309	1312	1317	rVB4	199666	328820	6.04%	0.404%
46	10.713	1334	1339	1341	rBV	878892	1057663	19.44%	1.298%
47	10.766	1345	1348	1350	rVV	257214	217297	3.99%	0.267%
48	10.789	1350	1352	1357	rVB4	265366	351290	6.46%	0.431%
49	10.831	1357	1359	1362	rVB2	308452	271499	4.99%	0.333%
50	10.866	1362	1365	1369	rBV	1106551	968066	17.79%	1.188%
51	10.966	1379	1382	1388	rBV	1954584	2357613	43.33%	2.894%
52	11.160	1412	1415	1417	rBV	254003	262131	4.82%	0.322%
53	11.195	1419	1421	1424	rVV3	219607	214259	3.94%	0.263%
54	11.254	1428	1431	1434	rVB2	260657	227275	4.18%	0.279%
55	11.289	1434	1437	1439	rBV2	225087	243473	4.48%	0.299%
56	11.313	1439	1441	1449	rVB3	150280	180190	3.31%	0.221%
57	11.419	1455	1459	1461	rBV	1570183	1317747	24.22%	1.617%
58	11.448	1461	1464	1466	rVB	562245	495682	9.11%	0.608%
59	11.572	1482	1485	1487	rBV	1353995	1206670	22.18%	1.481%
60	11.595	1487	1489	1494	rVV	1723036	1568250	28.82%	1.925%
61	11.648	1496	1498	1502	rVV	460856	420427	7.73%	0.516%
62	11.689	1502	1505	1509	rVB2	232470	279815	5.14%	0.343%
63	11.730	1509	1512	1515	rBV2	208851	222126	4.08%	0.273%
64	11.801	1521	1524	1528	rBV	394618	387024	7.11%	0.475%
65	11.842	1528	1531	1534	rVV	1235070	1113659	20.47%	1.367%
66	11.948	1545	1549	1552	rVB	2958118	2296990	42.22%	2.819%
67	12.013	1557	1560	1565	rBV2	153729	201543	3.70%	0.247%
68	12.083	1568	1572	1574	rBV2	1061322	1111029	20.42%	1.364%
69	12.107	1574	1576	1579	rVB	502585	410288	7.54%	0.504%
70	12.154	1580	1584	1587	rBV3	200617	278649	5.12%	0.342%
71	12.189	1587	1590	1593	rBV3	435831	466955	8.58%	0.573%
72	12.254	1598	1601	1604	rBV	1189946	981111	18.03%	1.204%
73	12.401	1623	1626	1630	rBV2	243336	262790	4.83%	0.323%
74	12.642	1662	1667	1668	rBV2	3663135	3489902	64.14%	4.283%
75	12.660	1668	1670	1677	rVB	4573506	4804902	88.31%	5.897%
76	12.719	1677	1680	1682	rBV	211794	225141	4.14%	0.276%

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Misc :
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Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	12.742	1682	1684	1688	rVB	1176532	986800	18.14%	1.211%
78	12.801	1688	1694	1698	rBV	4751059	5440654	100.00%	6.677%
79	12.872	1704	1706	1711	rVB3	328985	369961	6.80%	0.454%
80	13.030	1726	1733	1738	rVB2	3102094	4010454	73.71%	4.922%
81	13.077	1738	1741	1744	rVB2	208524	218629	4.02%	0.268%
82	13.160	1749	1755	1758	rBV2	1763139	1757405	32.30%	2.157%
83	13.242	1765	1769	1779	rBV5	241731	557152	10.24%	0.684%
84	13.354	1786	1788	1790	rVB	509542	371233	6.82%	0.456%
85	13.377	1790	1792	1794	rVB	462155	321537	5.91%	0.395%
86	13.419	1797	1799	1802	rVB	435193	385045	7.08%	0.473%
87	13.460	1802	1806	1809	rBV3	344447	509733	9.37%	0.626%
88	13.583	1824	1827	1831	rBV4	321123	422145	7.76%	0.518%
89	13.719	1848	1850	1853	rVB	318054	278972	5.13%	0.342%
90	13.866	1873	1875	1878	rVB	248471	201525	3.70%	0.247%
91	14.007	1897	1899	1901	rBV	226379	158039	2.90%	0.194%
92	14.048	1904	1906	1909	rVB3	248991	233278	4.29%	0.286%
93	14.224	1932	1936	1940	rBV3	1632399	2384899	43.83%	2.927%
94	14.260	1940	1942	1948	rVB	1466518	1250999	22.99%	1.535%
95	14.319	1950	1952	1954	rBV	312716	278755	5.12%	0.342%
96	14.371	1959	1961	1964	rVB2	226156	184960	3.40%	0.227%
97	15.336	2121	2125	2128	rBV	814630	1313853	24.15%	1.613%
98	15.665	2178	2181	2188	rVB	533360	710048	13.05%	0.871%
99	15.736	2189	2193	2198	rVB	753578	965288	17.74%	1.185%
100	15.801	2201	2204	2208	rBV	548913	692453	12.73%	0.850%

Sum of corrected areas: 81478584

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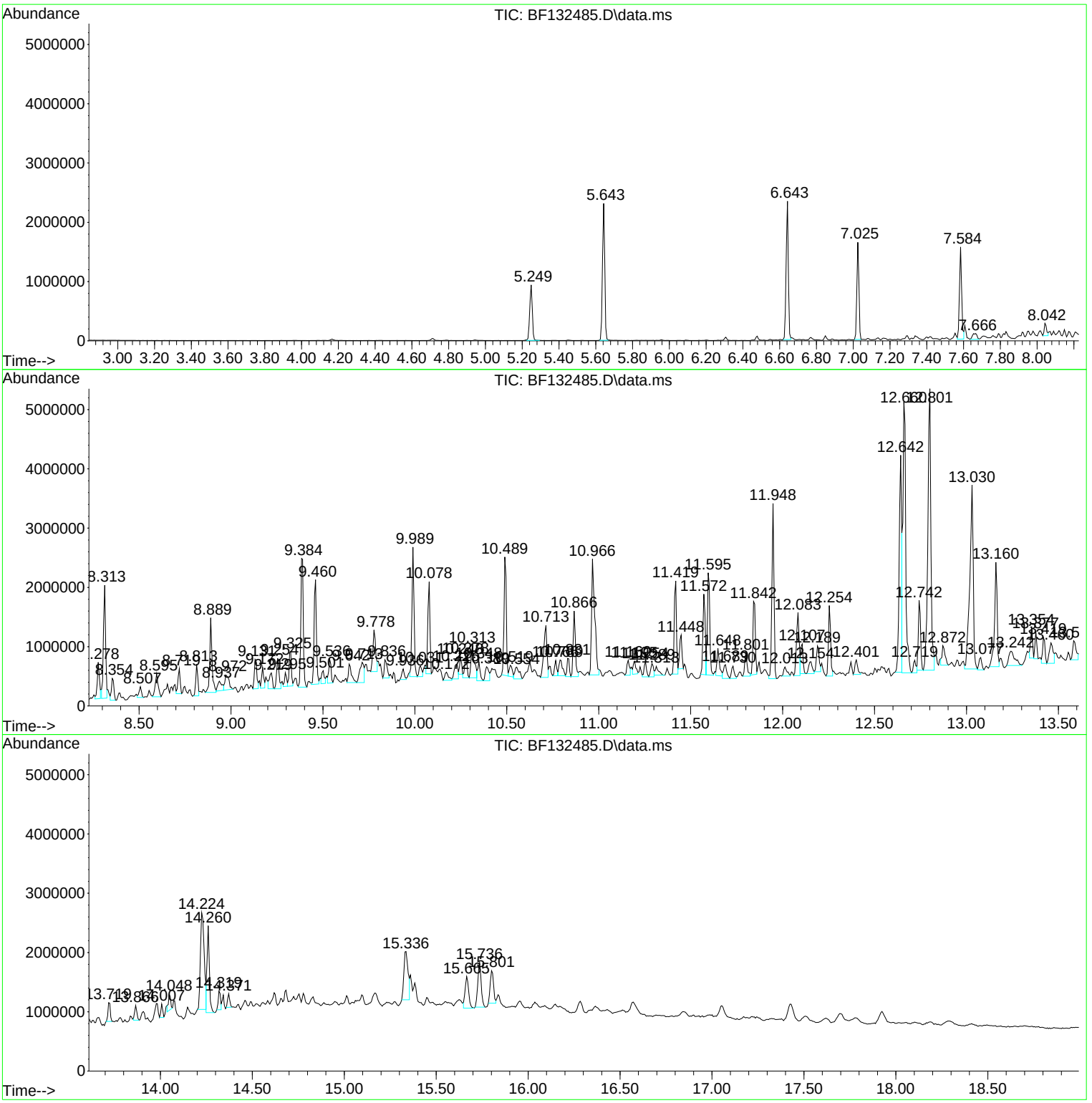
Instrument :
BNA_F
ClientSampleId :
OK-02-02162023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022023\
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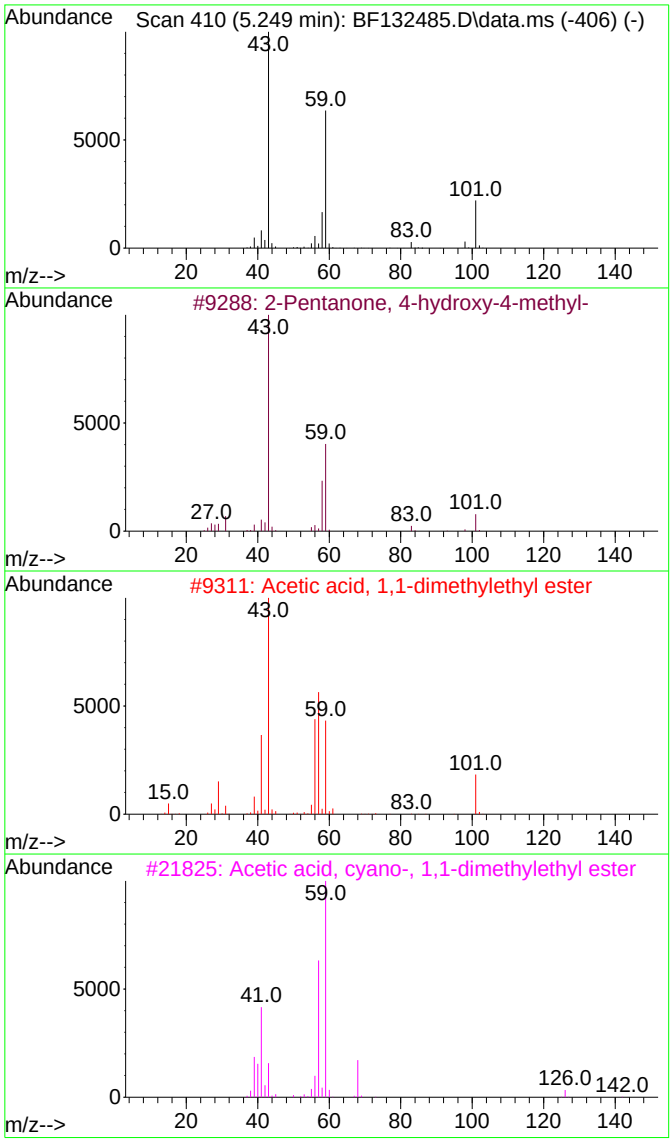
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

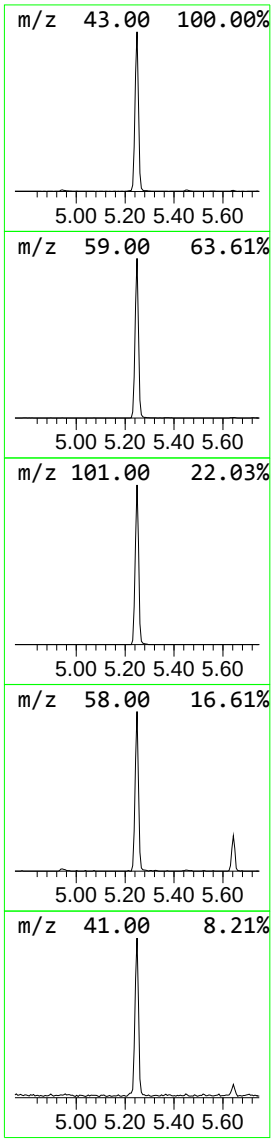
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.249	14.28 ng	907030	1,4-Dichlorobenzene-d4	7.025

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
4	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
5	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9





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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

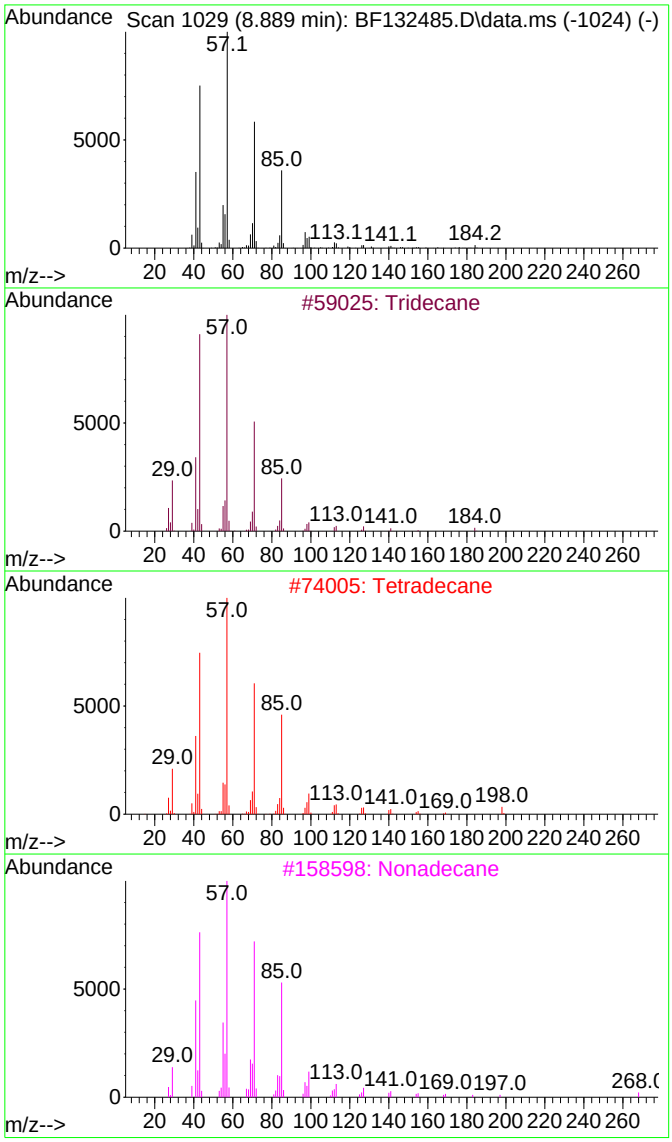
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

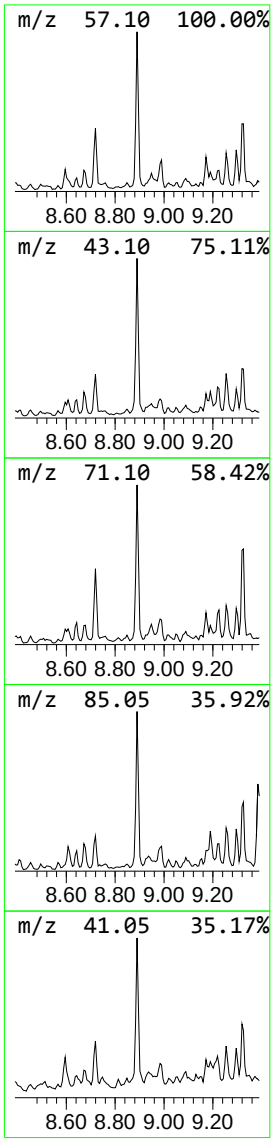
****

Peak Number 2 Tridecane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.889	14.34 ng	1115200	Naphthalene-d8	8.313

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	87
2	Tetradecane	198	C14H30	000629-59-4	86
3	Nonadecane	268	C19H40	000629-92-5	83
4	Eicosane, 10-methyl-	296	C21H44	054833-23-7	78
5	Undecane, 2,3-dimethyl-	184	C13H28	017312-77-5	78





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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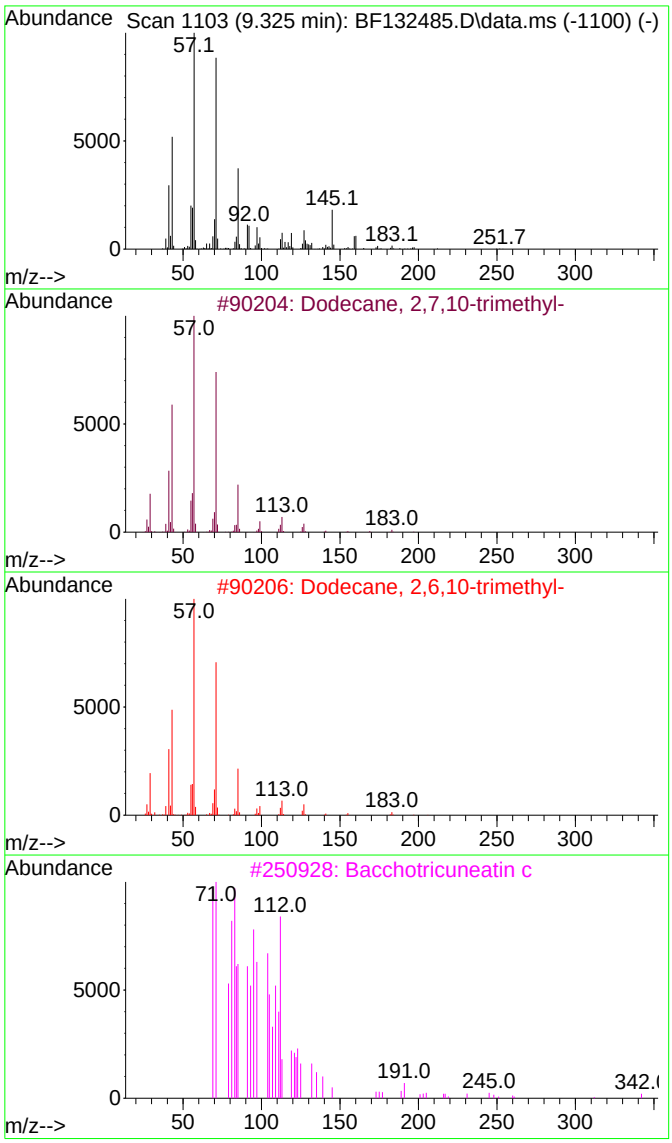
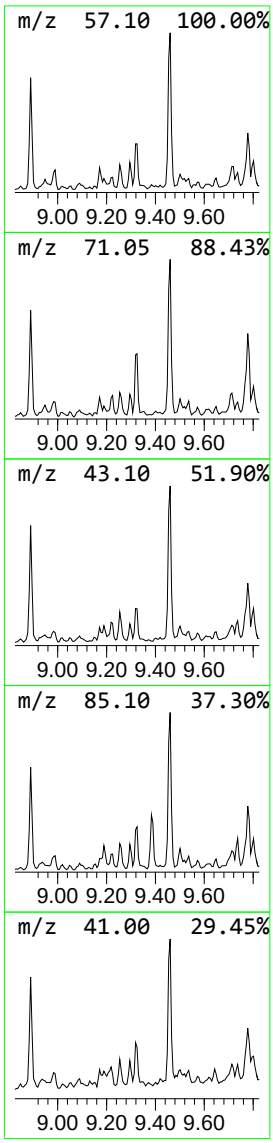
****

Peak Number 3 Dodecane, 2,7,10-trimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.325	8.41 ng	519526	Acenaphthene-d10	10.078

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	64
2	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	64
3	Bacchotricuneatin c	342	C20H22O5	066563-30-2	59
4	Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	58
5	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	58





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Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OK-02-02162023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

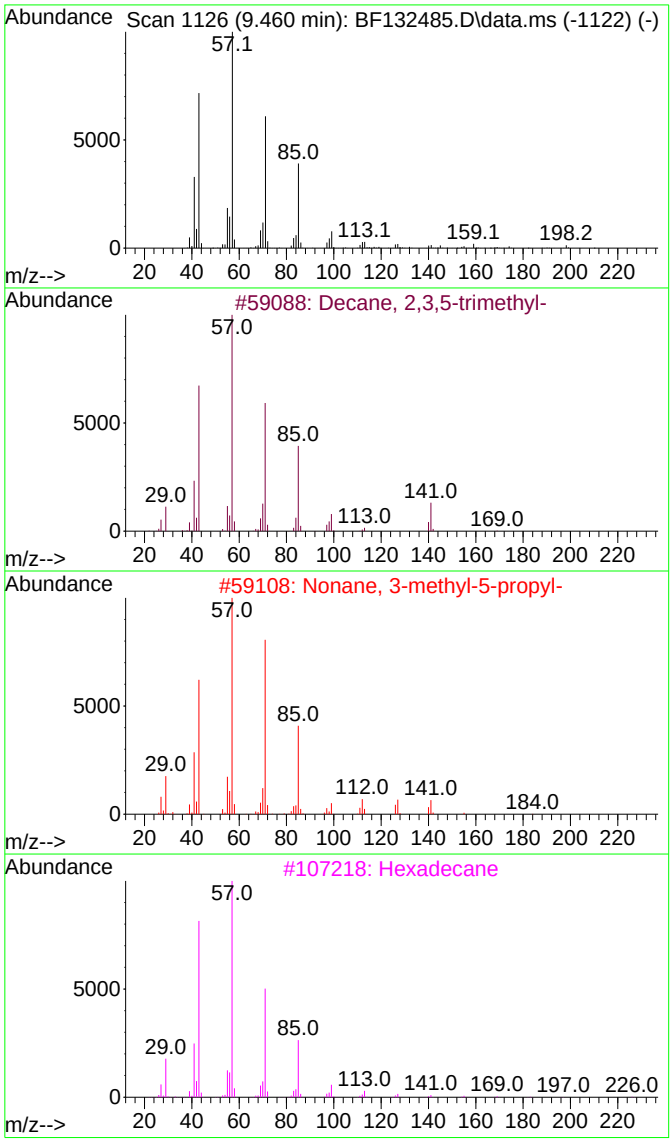
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

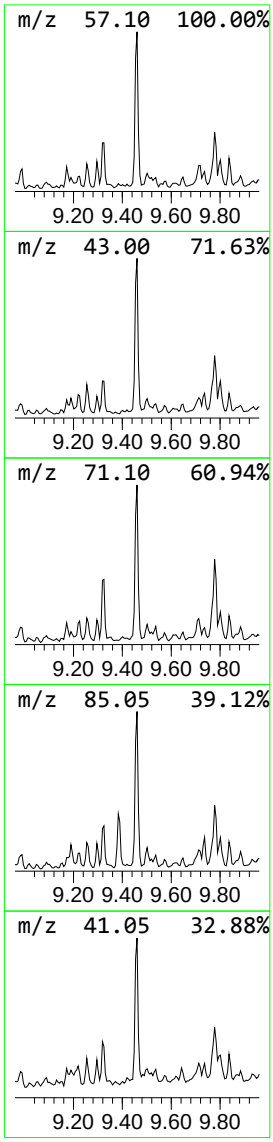
****

Peak Number 4 Decane, 2,3,5-trimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.460	25.27 ng	1561570	Acenaphthene-d10	10.078

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	86
2	Nonane, 3-methyl-5-propyl-	184	C13H28	031081-18-2	78
3	Hexadecane	226	C16H34	000544-76-3	72
4	Tridecane, 7-methyl-	198	C14H30	026730-14-3	64
5	Bacchotricuneatin c	342	C20H22O5	066563-30-2	59





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Data File : BF132485.D
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Operator : CG\JU
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Misc :
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Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

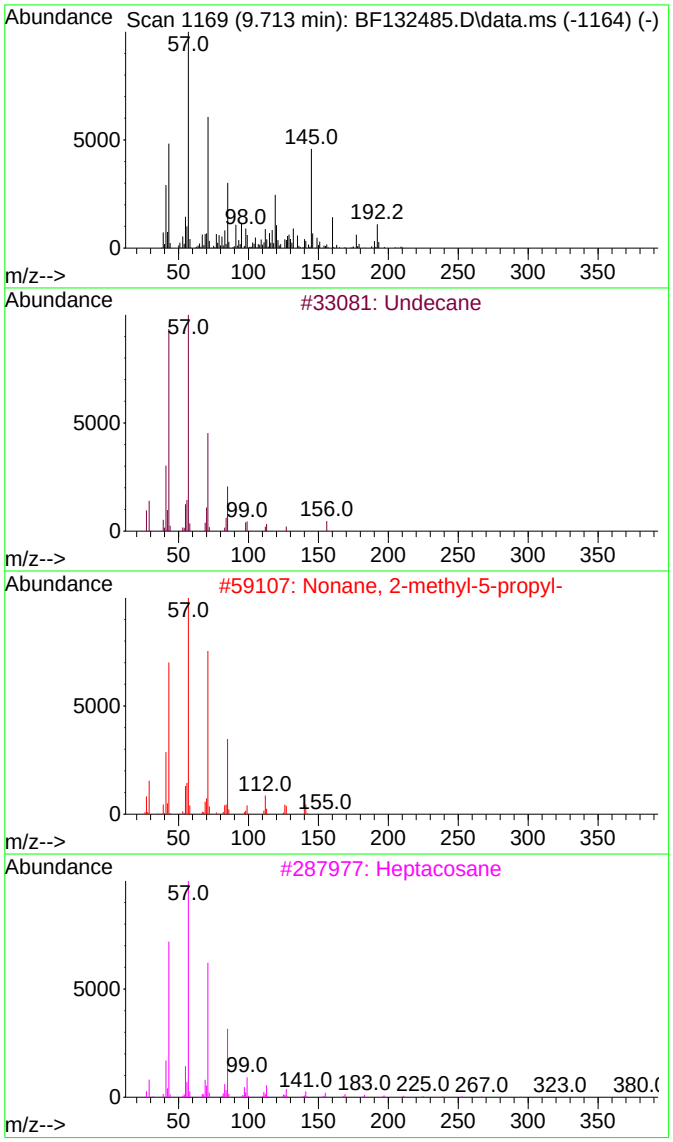
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

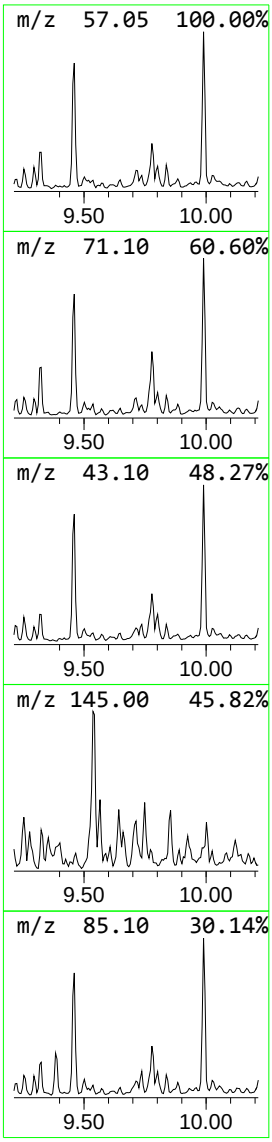
****

Peak Number 5 unknown9.713 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.713	8.98 ng	554792	Acenaphthene-d10	10.078

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane	156	C11H24	001120-21-4	30
2	Nonane, 2-methyl-5-propyl-	184	C13H28	031081-17-1	25
3	Heptacosane	380	C27H56	000593-49-7	22
4	Nonane, 5-(2-methylpropyl)-	184	C13H28	062185-53-9	22
5	Decane, 3-methyl-	156	C11H24	013151-34-3	22





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Acq On : 20 Feb 2023 18:34
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Sample : 01587-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
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ClientSampleId :
OK-02-02162023

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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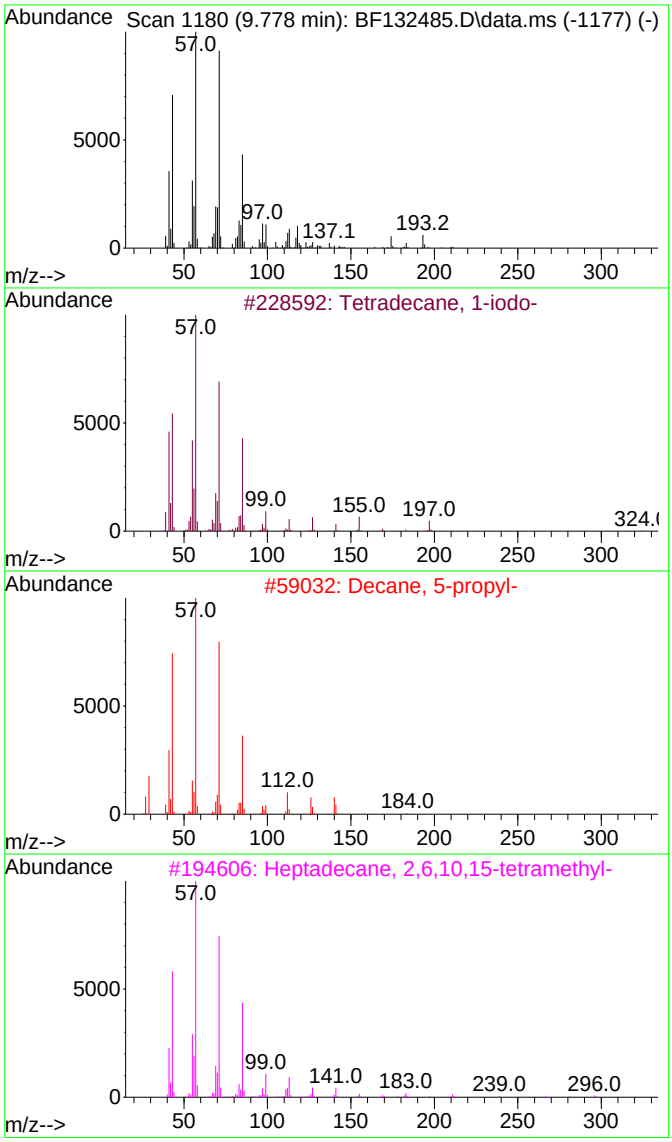
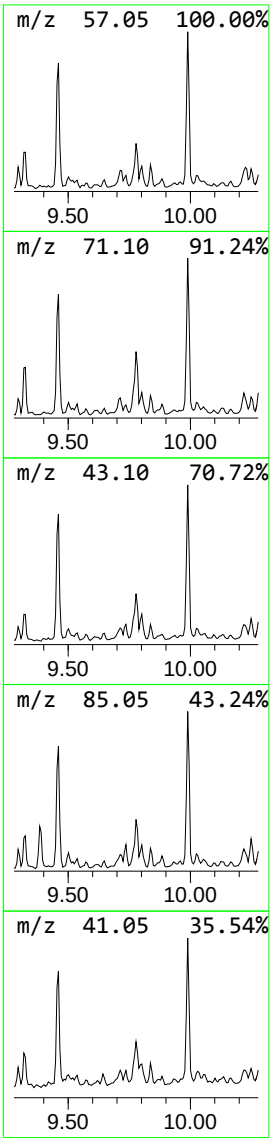
Peak Number 6 Tetradecane, 1-iodo- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.778	12.32 ng	761489	Acenaphthene-d10	10.078

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	80
2	Decane, 5-propyl-	184	C13H28	017312-62-8	72
3	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	72
4	Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	68
5	Pentadecane, 7-methyl-	226	C16H34	006165-40-8	64





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ClientSampleId :
OK-02-02162023

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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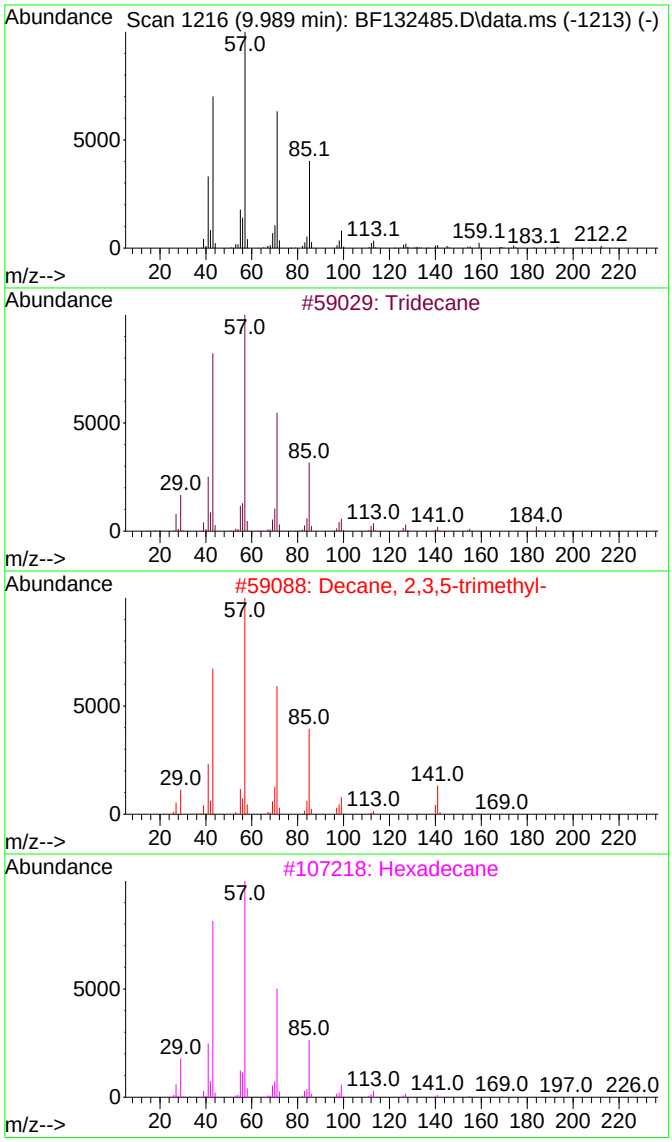
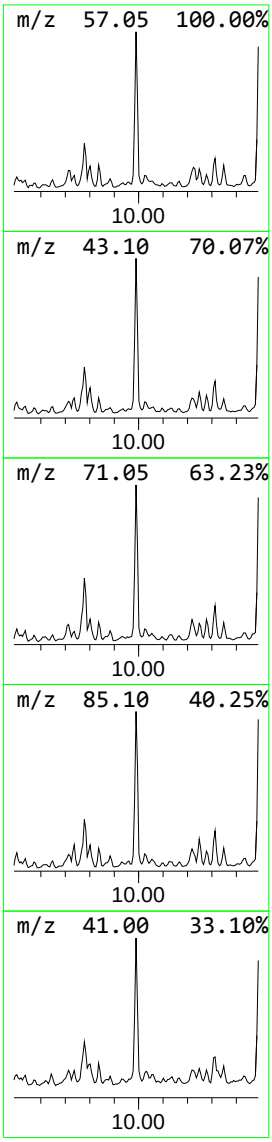
Peak Number 7 Hexadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.989	27.54 ng	1701620	Acenaphthene-d10	10.078

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	90
2	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	83
3	Hexadecane	226	C16H34	000544-76-3	80
4	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	80
5	Nonane, 5-butyl-	184	C13H28	017312-63-9	72





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Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OK-02-02162023

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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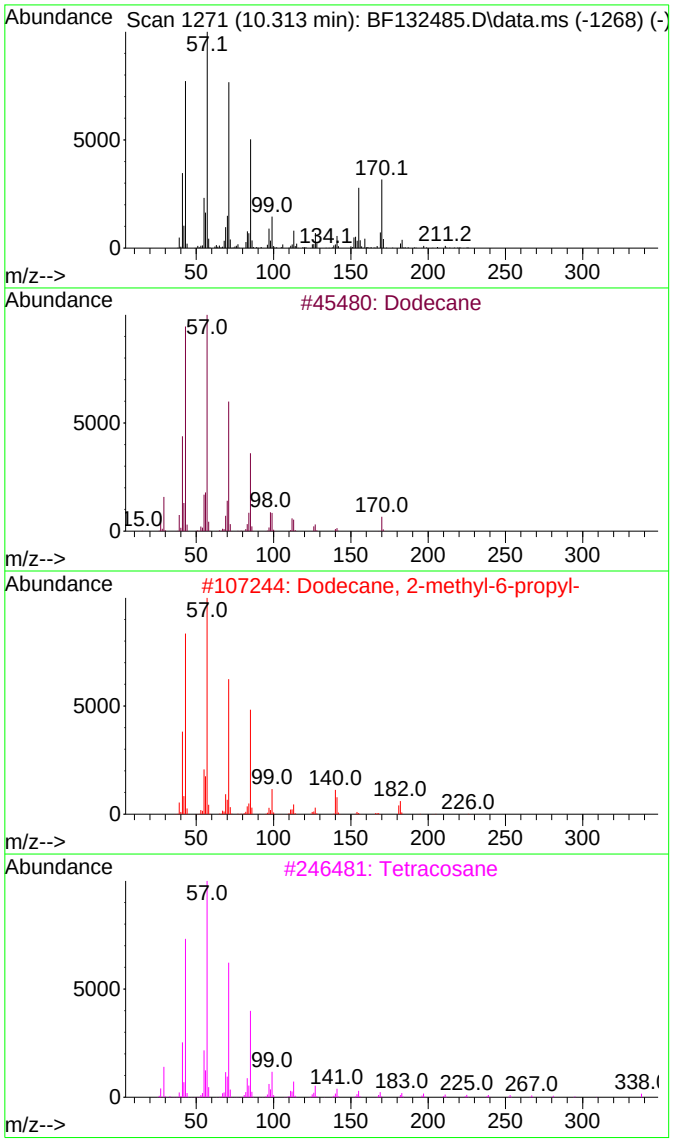
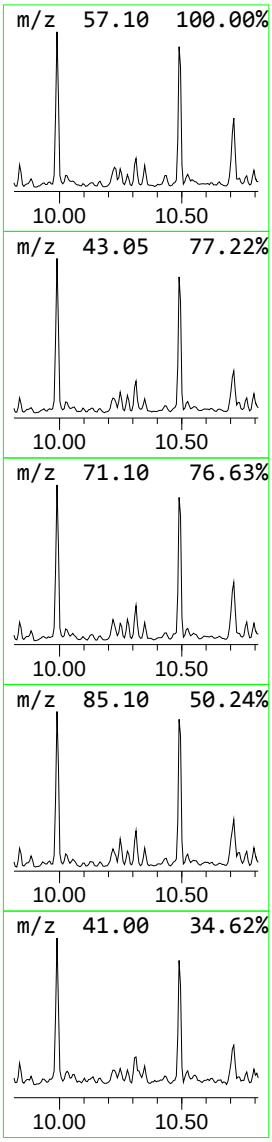
Peak Number 8 Dodecane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.313	10.85 ng	670719	Acenaphthene-d10	10.078

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane	170	C12H26	000112-40-3	74
2	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	70
3	Tetracosane	338	C24H50	000646-31-1	64
4	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	64
5	Eicosane, 10-methyl-	296	C21H44	054833-23-7	64





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Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
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ClientSampleId :
OK-02-02162023

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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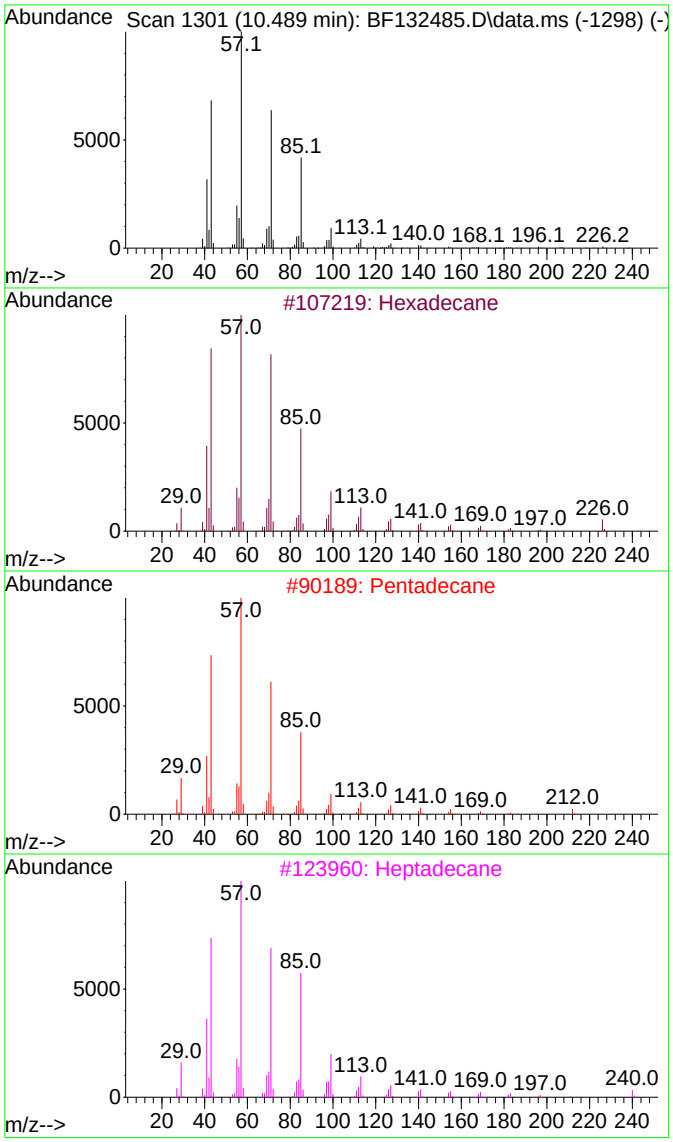
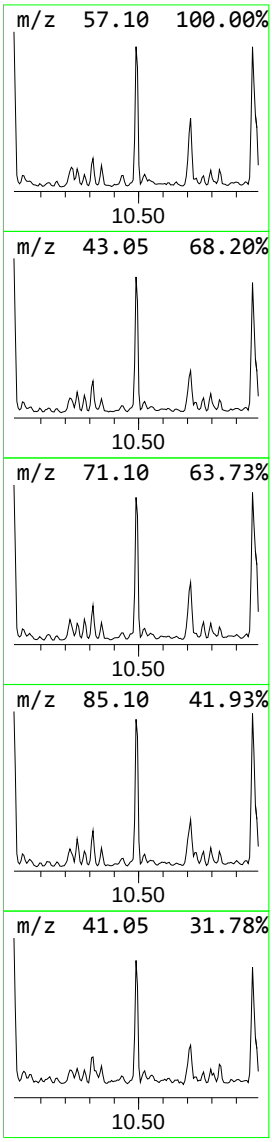
Peak Number 9 Pentadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.489	27.62 ng	1706940	Acenaphthene-d10	10.078

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	94
2	Pentadecane	212	C15H32	000629-62-9	90
3	Heptadecane	240	C17H36	000629-78-7	90
4	Pentadecane, 7-methyl-	226	C16H34	006165-40-8	87
5	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	80





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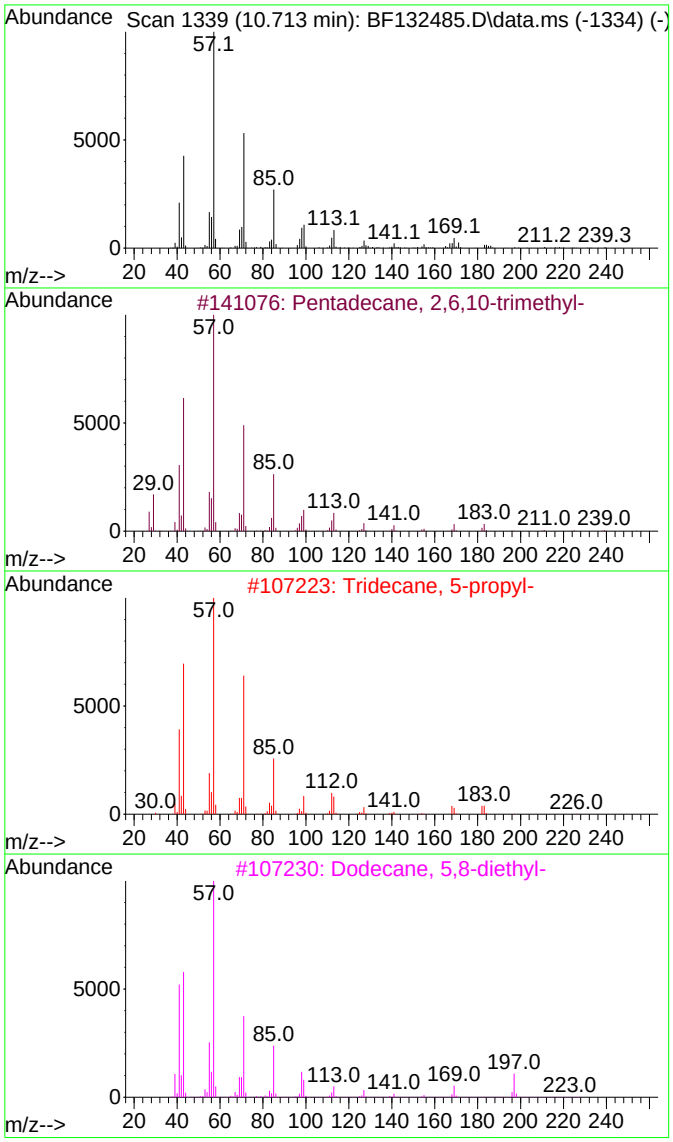
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

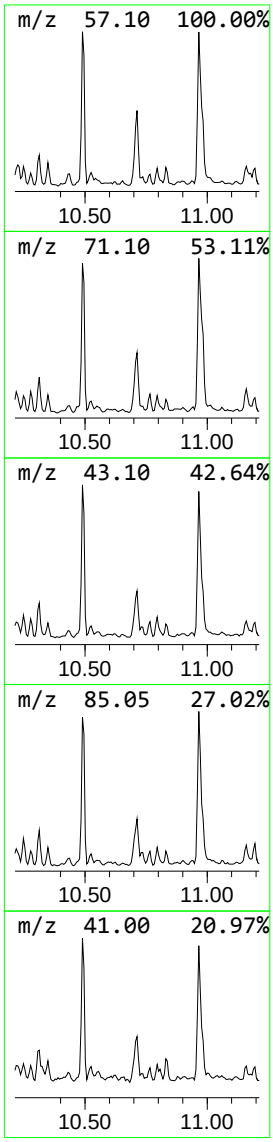
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Pentadecane, 2,6,10-trimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.713	17.11 ng	1057660	Acenaphthene-d10	10.078

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	90
2	Tridecane, 5-propyl-	226	C16H34	055045-11-9	87
3	Dodecane, 5,8-diethyl-	226	C16H34	024251-86-3	81
4	Heptacosane	380	C27H56	000593-49-7	80
5	Hexadecane	226	C16H34	000544-76-3	72





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Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021623.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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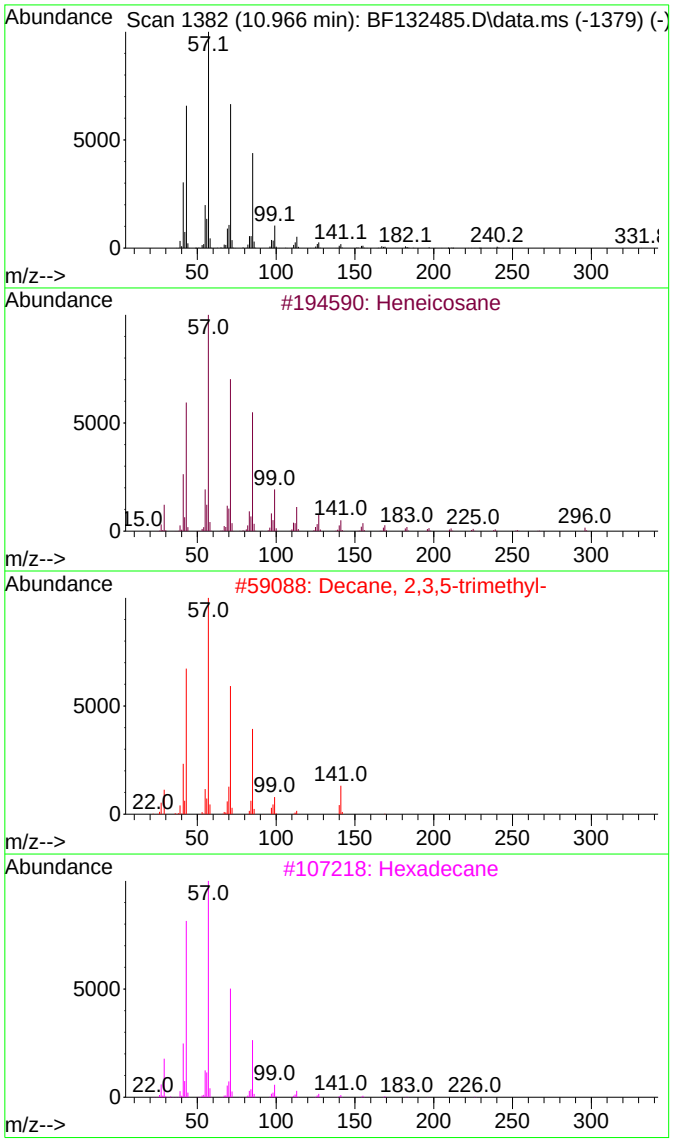
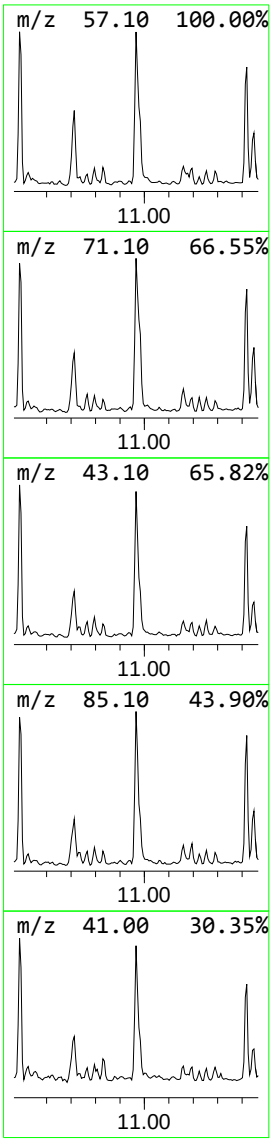
Peak Number 11 Heneicosane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.966	39.08 ng	2357610	Phenanthrene-d10	11.572

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	83
2	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	83
3	Hexadecane	226	C16H34	000544-76-3	80
4	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	80
5	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	72





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Misc :
ALS Vial : 16 Sample Multiplier: 1

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

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

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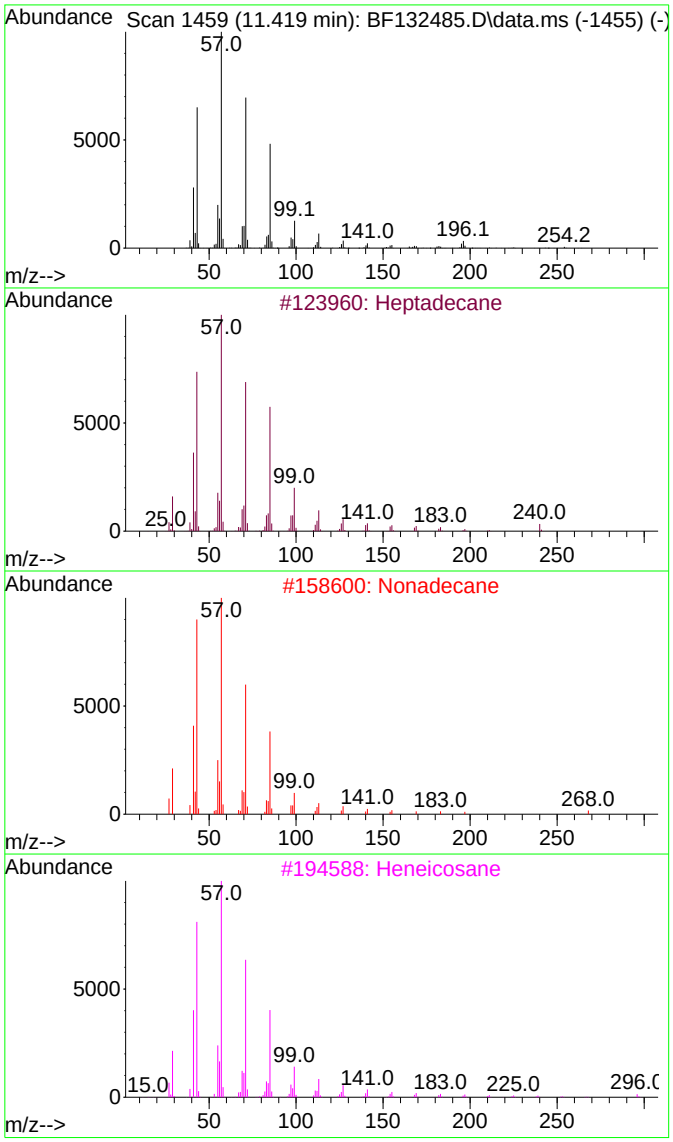
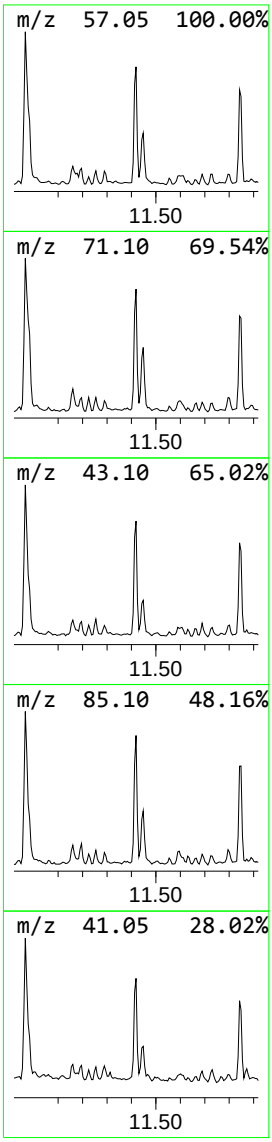
Peak Number 12 Heptadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.419	21.84 ng	1317750	Phenanthrene-d10	11.572

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	91
2	Nonadecane	268	C19H40	000629-92-5	91
3	Heneicosane	296	C21H44	000629-94-7	90
4	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	80
5	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	80





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ALS Vial : 16 Sample Multiplier: 1

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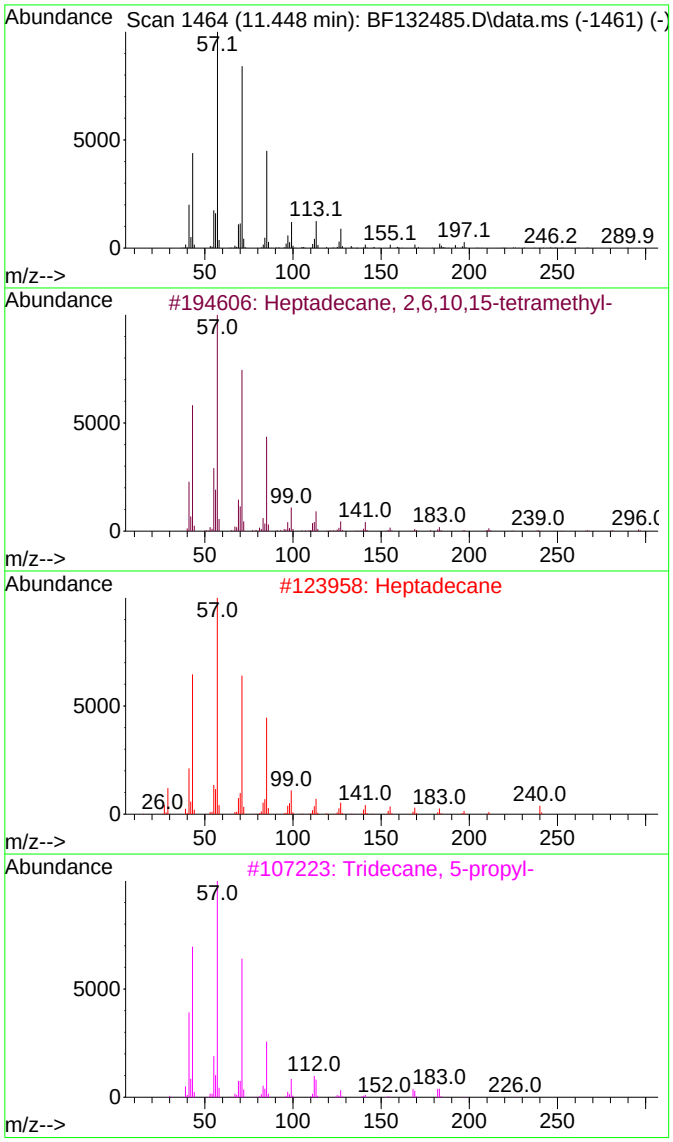
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

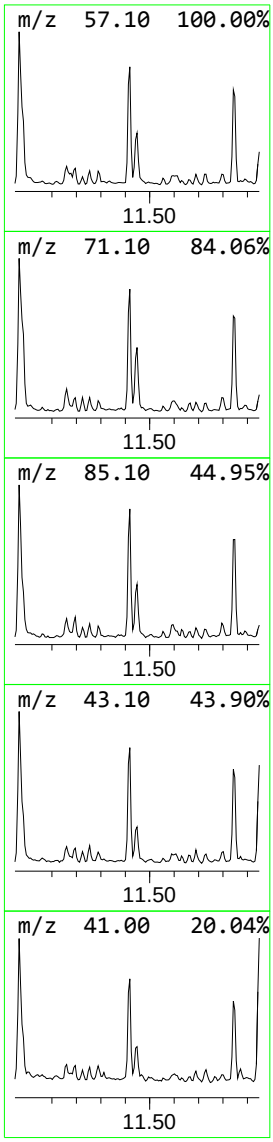
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Heptadecane, 2,6,10,15-tetr... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.448	8.22 ng	495682	Phenanthrene-d10	11.572

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	91
2	Heptadecane	240	C17H36	000629-78-7	90
3	Tridecane, 5-propyl-	226	C16H34	055045-11-9	81
4	Nonadecane	268	C19H40	000629-92-5	78
5	Heptacosane	380	C27H56	000593-49-7	78





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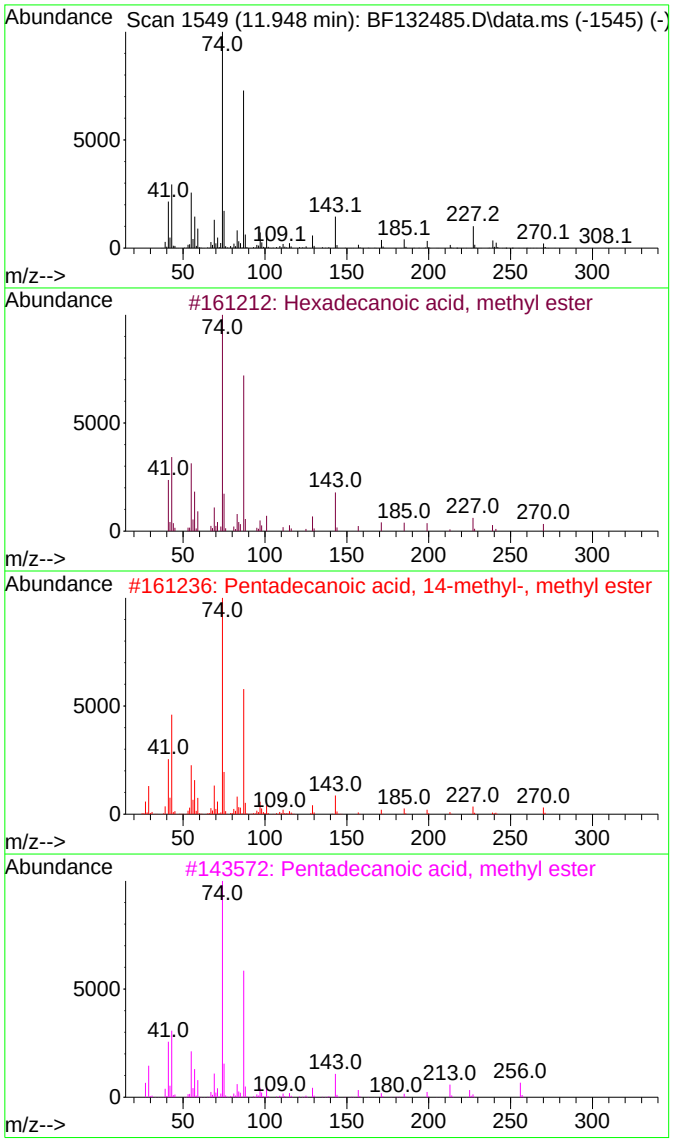
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

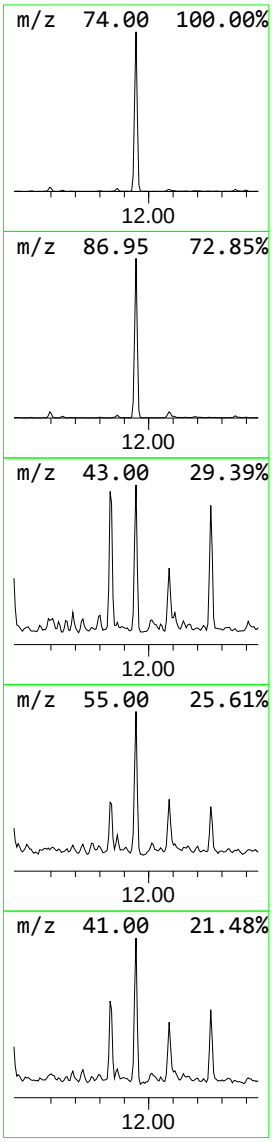
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Hexadecanoic acid, methyl e... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.948	38.07 ng	2296990	Phenanthrene-d10	11.572

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	94
2	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	93
3	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	86
4	Methyl tetradecanoate	242	C15H30O2	000124-10-7	80
5	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	80





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ALS Vial : 16 Sample Multiplier: 1

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

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

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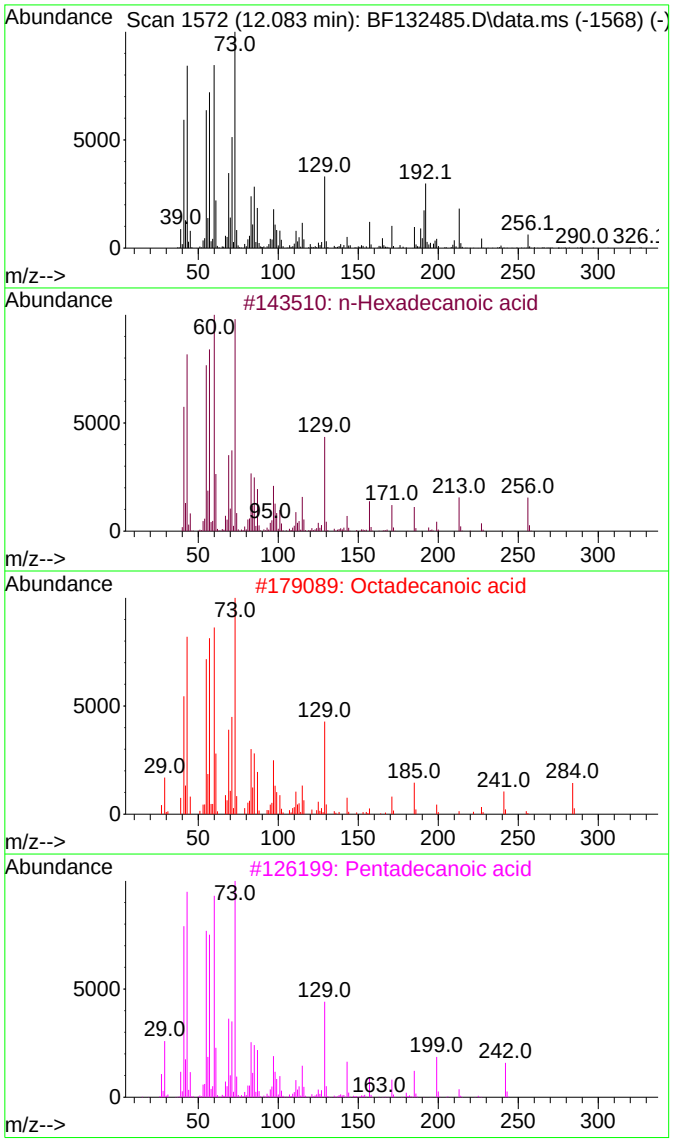
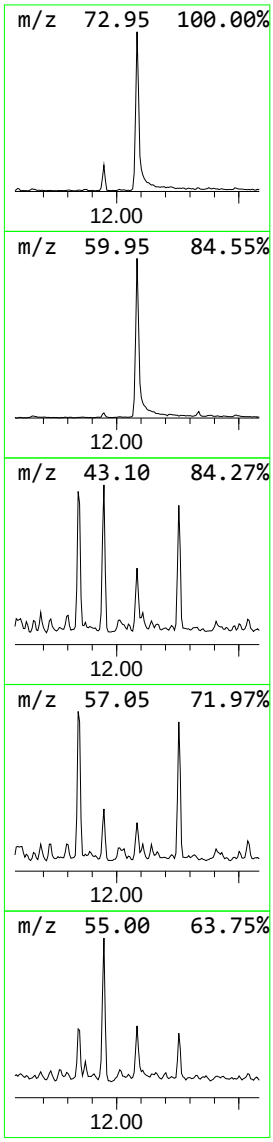
Peak Number 15 n-Hexadecanoic acid Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.083	18.41 ng	1111030	Phenanthrene-d10	11.572

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Octadecanoic acid	284	C18H36O2	000057-11-4	76
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	70
4	Tridecanoic acid	214	C13H26O2	000638-53-9	64
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	64





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ALS Vial : 16 Sample Multiplier: 1

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

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

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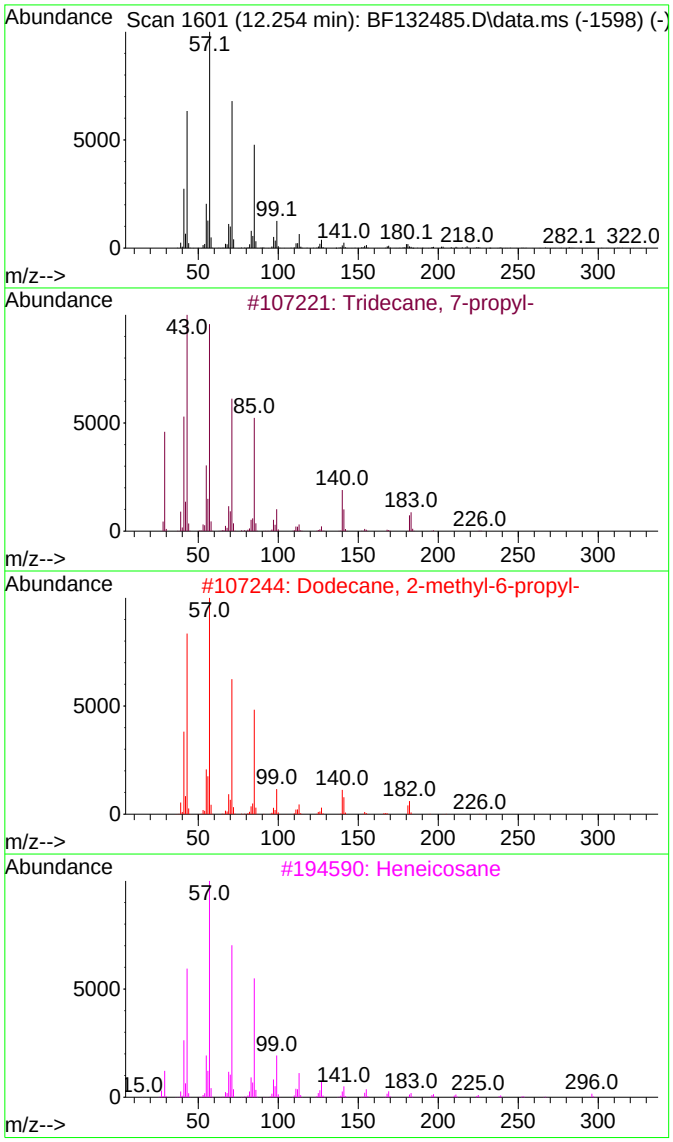
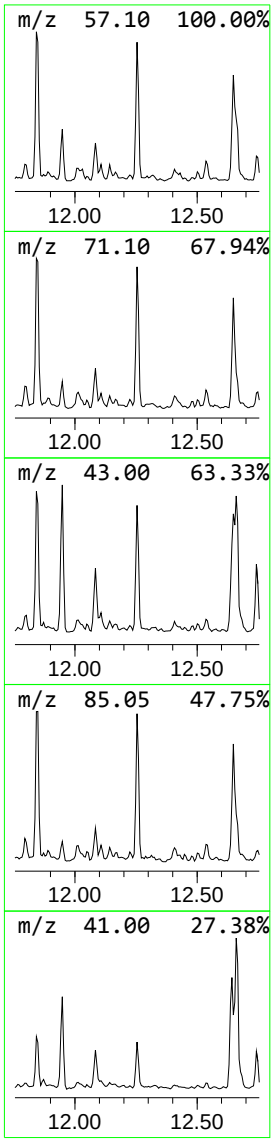
Peak Number 16 Tridecane, 7-propyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.254	16.26 ng	981111	Phenanthrene-d10	11.572

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 7-propyl-	226	C16H34	055045-09-5	93
2	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	93
3	Heneicosane	296	C21H44	000629-94-7	91
4	Eicosane	282	C20H42	000112-95-8	90
5	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	86





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ALS Vial : 16 Sample Multiplier: 1

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

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

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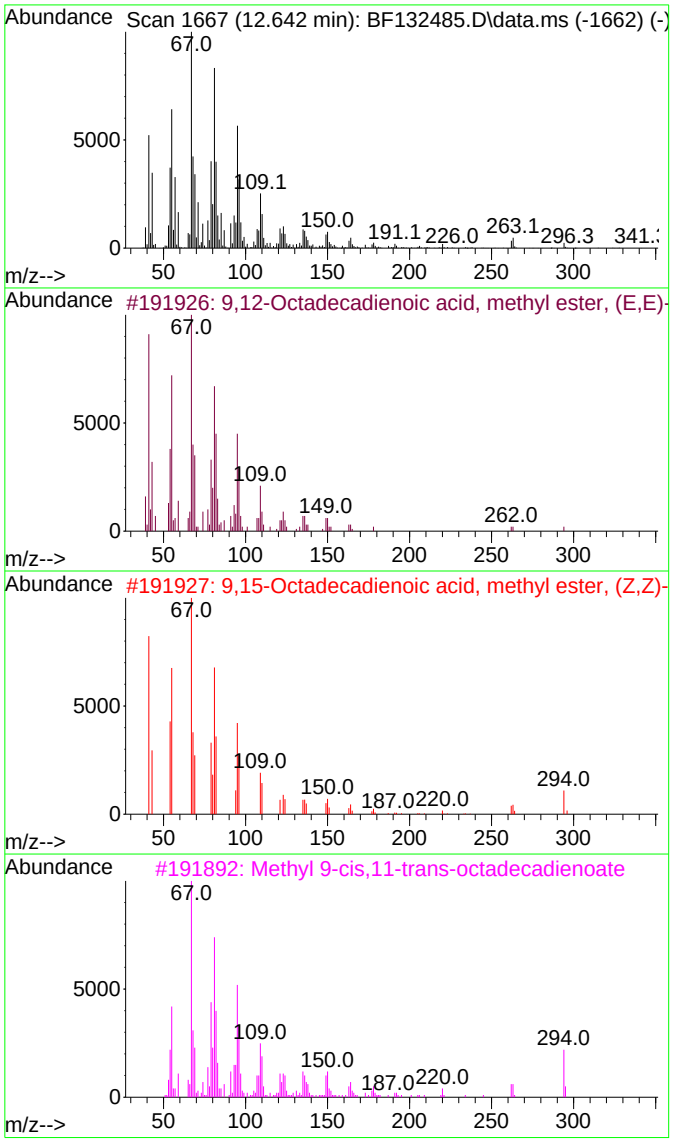
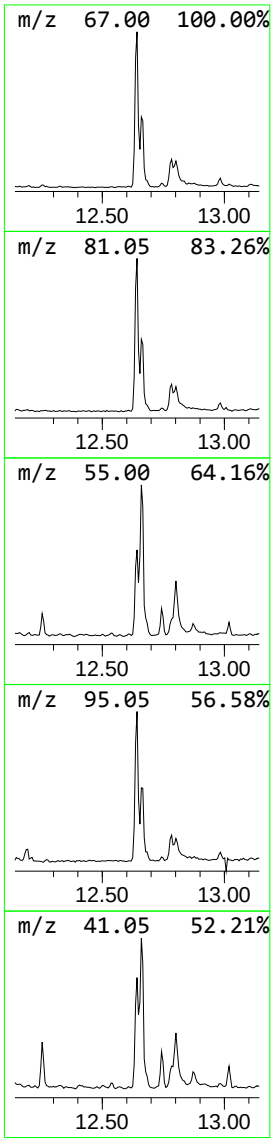
Peak Number 17 9,12-Octadecadienoic acid, ... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.642	57.84 ng	3489900	Phenanthrene-d10	11.572

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99
2	9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	99
3	Methyl 9-cis,11-trans-octadecadi...	294	C19H34O2	013058-52-1	98
4	Methyl 10-trans,12-cis-octadecad...	294	C19H34O2	1000336-44-2	98
5	10,13-Octadecadienoic acid, meth...	294	C19H34O2	056554-62-2	97





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Acq On : 20 Feb 2023 18:34
Operator : CG\JU
Sample : 01587-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OK-02-02162023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021623.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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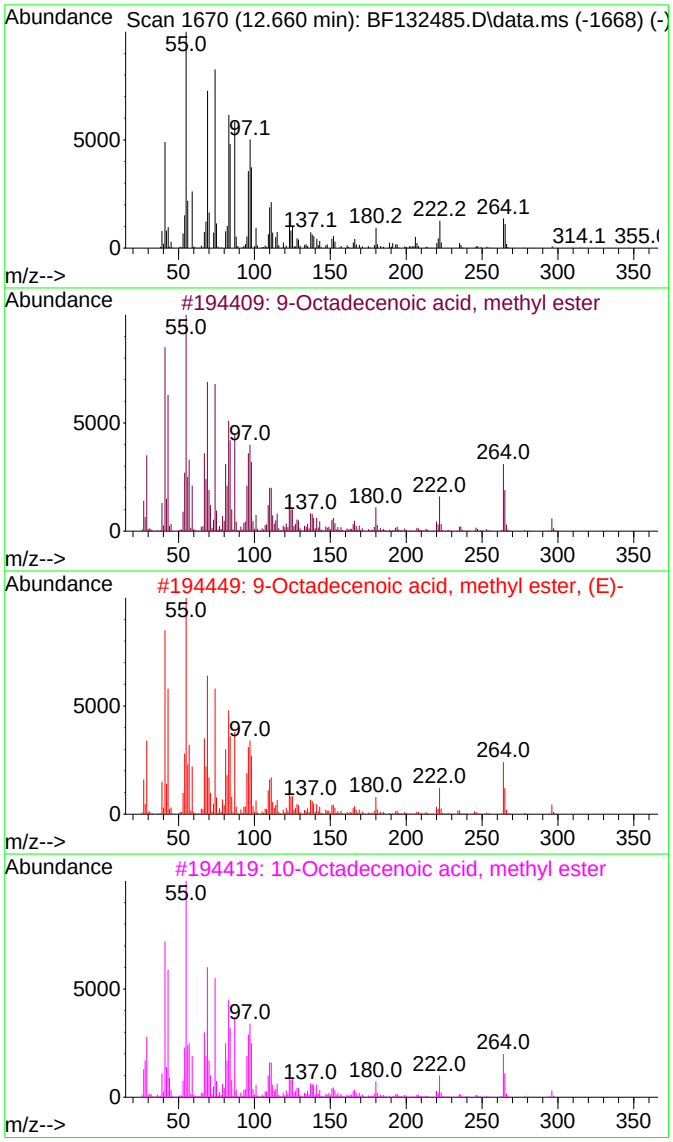
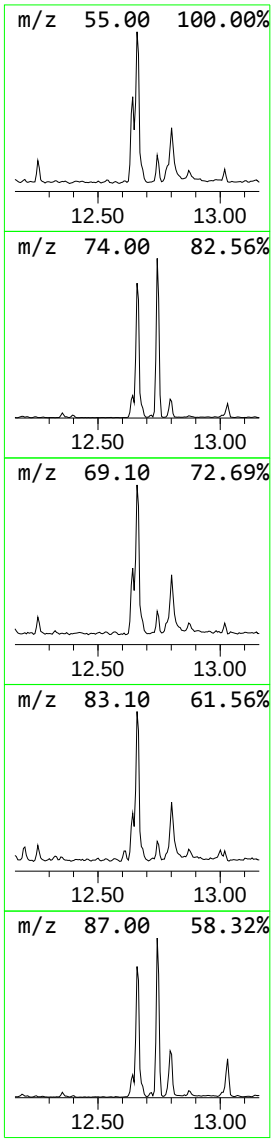
Peak Number 18 9-Octadecenoic acid, methyl... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.660	79.64 ng	4804900	Phenanthrene-d10	11.572

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenoic acid, methyl ester	296	C19H36O2	002462-84-2	94
2	9-Octadecenoic acid, methyl este...	296	C19H36O2	001937-62-8	93
3	10-Octadecenoic acid, methyl ester	296	C19H36O2	013481-95-3	92
4	6-Octadecenoic acid, methyl ester	296	C19H36O2	052355-31-4	91
5	15-Octadecenoic acid, methyl ester	296	C19H36O2	004764-72-1	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022023\
Data File : BF132485.D
Acq On : 20 Feb 2023 18:34
Operator : CG\JU
Sample : 01587-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OK-02-02162023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021623.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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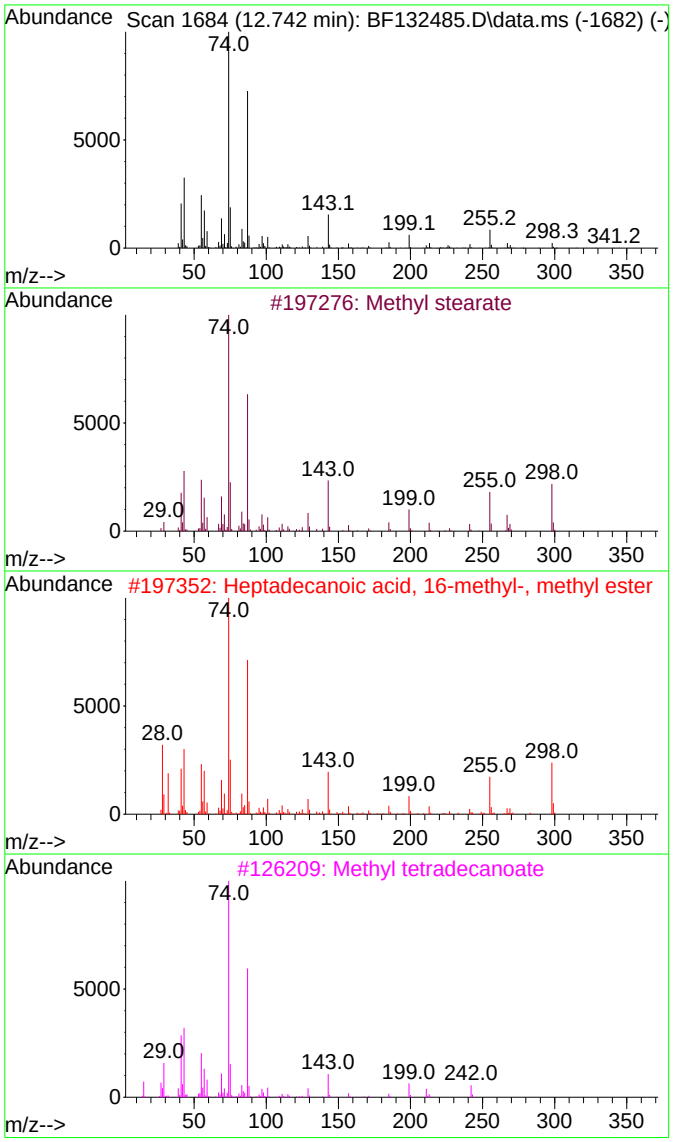
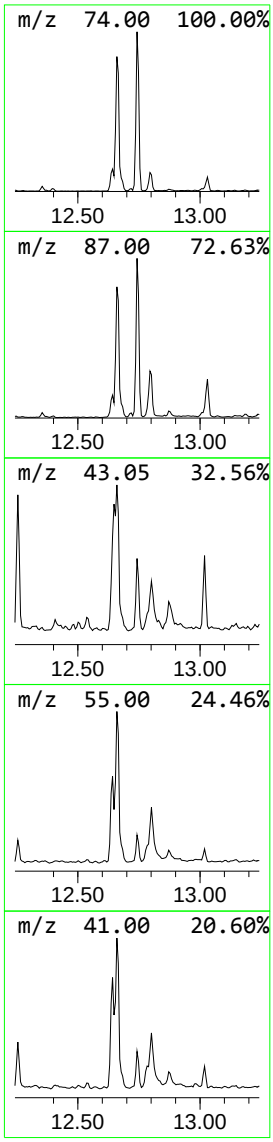
Peak Number 19 Methyl stearate Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.742	16.36 ng	986800	Phenanthrene-d10	11.572

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl stearate	298	C19H38O2	000112-61-8	98
2	Heptadecanoic acid, 16-methyl-, ...	298	C19H38O2	005129-61-3	94
3	Methyl tetradecanoate	242	C15H30O2	000124-10-7	91
4	Heptadecanoic acid, methyl ester	284	C18H36O2	001731-92-6	91
5	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022023\
Data File : BF132485.D
Acq On : 20 Feb 2023 18:34
Operator : CG\JU
Sample : 01587-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OK-02-02162023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021623.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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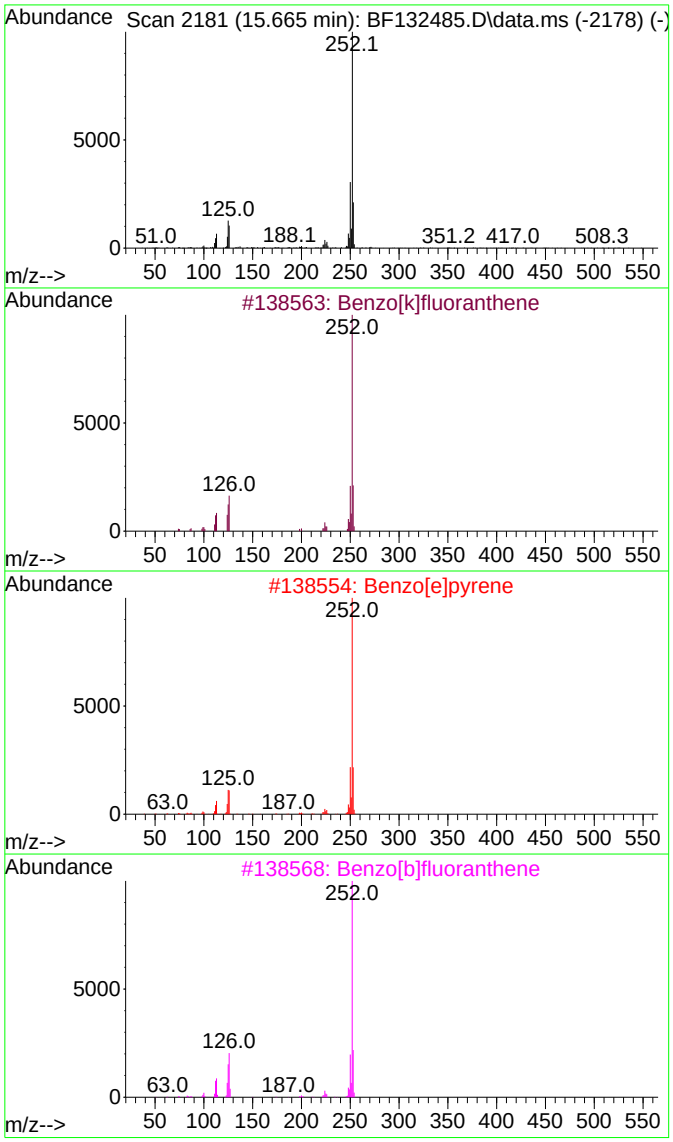
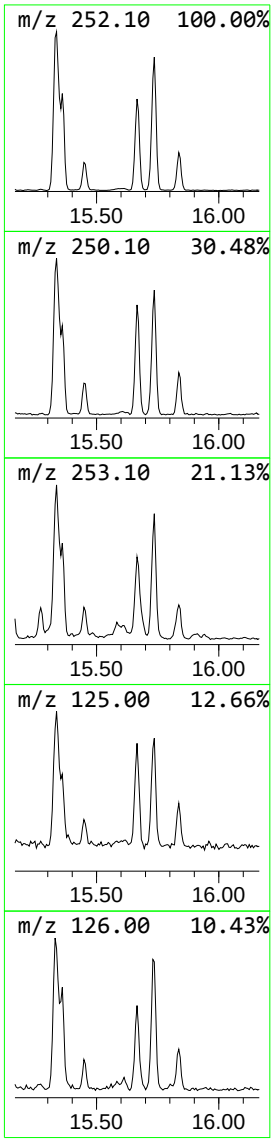
Peak Number 20 Benzo[e]pyrene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.666	20.51 ng	710048	Perylene-d12	15.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[k]fluoranthene	252	C20H12	000207-08-9	97
2	Benzo[e]pyrene	252	C20H12	000192-97-2	97
3	Benzo[b]fluoranthene	252	C20H12	000205-99-2	96
4	Benzo[a]pyrene	252	C20H12	000050-32-8	93
5	Perylene	252	C20H12	000198-55-0	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022023\
Data File : BF132485.D
Acq On : 20 Feb 2023 18:34
Operator : CG\JU
Sample : 01587-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OK-02-02162023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-...	5.249	14.3	ng	907030	1	7.025	1270470	20.0
Tridecane	8.889	14.3	ng	1115200	2	8.313	1554950	20.0
Dodecane, 2,7,1...	9.325	8.4	ng	519526	3	10.078	1235950	20.0
Decane, 2,3,5-t...	9.460	25.3	ng	1561570	3	10.078	1235950	20.0
unknown9.713	9.713	9.0	ng	554792	3	10.078	1235950	20.0
Tetradecane, 1-...	9.778	12.3	ng	761489	3	10.078	1235950	20.0
Hexadecane	9.989	27.5	ng	1701620	3	10.078	1235950	20.0
Dodecane	10.313	10.9	ng	670719	3	10.078	1235950	20.0
Pentadecane	10.489	27.6	ng	1706940	3	10.078	1235950	20.0
Pentadecane, 2,...	10.713	17.1	ng	1057660	3	10.078	1235950	20.0
Heneicosane	10.966	39.1	ng	2357610	4	11.572	1206670	20.0
Heptadecane	11.419	21.8	ng	1317750	4	11.572	1206670	20.0
Heptadecane, 2,...	11.448	8.2	ng	495682	4	11.572	1206670	20.0
Hexadecanoic ac...	11.948	38.1	ng	2296990	4	11.572	1206670	20.0
n-Hexadecanoic ...	12.083	18.4	ng	1111030	4	11.572	1206670	20.0
Tridecane, 7-pr...	12.254	16.3	ng	981111	4	11.572	1206670	20.0
9,12-Octadecadi...	12.642	57.8	ng	3489900	4	11.572	1206670	20.0
9-Octadecenoic ...	12.660	79.6	ng	4804900	4	11.572	1206670	20.0
Methyl stearate	12.742	16.4	ng	986800	4	11.572	1206670	20.0
Benzo[e]pyrene	15.666	20.5	ng	710048	6	15.807	692453	20.0