LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011724\
Data File : BF137095.D
Acq On : 17 Jan 2024 16:06
Operator : CG\JU
Sample : P1152-03 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
275

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-BF122023.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF137095.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.346	211	214	224	rBV	6697	20027	2.80%	0.190%
2	5.010	492	497	502	rVB	9661	11331	1.58%	0.108%
3	5.428	564	568	582	rBV	481285	536741	74.93%	5.100%
4	6.434	735	739	756	rBV	520961	563098	78.61%	5.351%
5	6.781	795	798	805	rBV	418309	332540	46.42%	3.160%
6	7.345	890	894	897	rBV	412142	355482	49.63%	3.378%
7	7.369	897	898	901	rVB	30002	18091	2.53%	0.172%
8	7.575	931	933	935	rBV2	11220	9801	1.37%	0.093%
9	7.598	935	937	942	rVB2	12830	12783	1.78%	0.121%
10	7.734	958	960	964	rVB3	12166	12060	1.68%	0.115%
11	7.798	968	971	977	rVB5	15150	21879	3.05%	0.208%
12	8.004	1002	1006	1008	rBV4	6133	9896	1.38%	0.094%
13	8.039	1008	1012	1013	rVV	55584	60453	8.44%	0.574%
14	8.057	1013	1015	1021	rVV	530098	452476	63.17%	4.300%
15	8.116	1021	1025	1027	rVB2	22709	28598	3.99%	0.272%
16	8.145	1027	1030	1032	rBV2	10580	9501	1.33%	0.090%
17	8.251	1046	1048	1051	rVB4	15217	13670	1.91%	0.130%
18	8.281	1051	1053	1059	rBV5	8624	17234	2.41%	0.164%
19	8.345	1059	1064	1068	rVV6	21440	34594	4.83%	0.329%
20	8.404	1071	1074	1077	rVV4	19574	27918	3.90%	0.265%
21	8.434	1077	1079	1083	rVV3	21614	27831	3.89%	0.264%
22	8.475	1083	1086	1088	rVV2	29292	25479	3.56%	0.242%
23	8.563	1097	1101	1103	rBV2	28488	26907	3.76%	0.256%
24	8.645	1112	1115	1119	rBV	83300	64614	9.02%	0.614%
25	8.716	1124	1127	1129	rBV4	12694	10628	1.48%	0.101%
26	8.775	1134	1137	1140	rVB	46303	36291	5.07%	0.345%
27	8.875	1151	1154	1157	rBV2	44419	43945	6.13%	0.418%
28	9.010	1173	1177	1182	rBV3	19802	24794	3.46%	0.236%
29	9.075	1186	1188	1190	rBV2	31600	24492	3.42%	0.233%
30	9.133	1195	1198	1203	rBV	901026	716301	100.00%	6.807%
31	9.210	1208	1211	1214	rBV	94083	80730	11.27%	0.767%
32	9.281	1221	1223	1227	rVB3	18765	18854	2.63%	0.179%
33	9.328	1230	1231	1236	rVB4	12241	12465	1.74%	0.118%
34	9.404	1240	1244	1249	rVB3	20834	25643	3.58%	0.244%
35	9.445	1249	1251	1253	rBV3	10008	10211	1.43%	0.097%
36	9.475	1253	1256	1258	rVV2	35340	40923	5.71%	0.389%

LSC Area Percent Report

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Acq On : 17 Jan 2024 16:06
Operator : CG\JU
Sample : P1152-03 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
275

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-BF122023.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	9.533	1262	1266	1268	rVV3	45042	49875	6.96%	0.474%
38	9.557	1268	1270	1273	rVB2	19692	21264	2.97%	0.202%
39	9.592	1273	1276	1280	rBV3	35249	27869	3.89%	0.265%
40	9.675	1287	1290	1295	rBV4	24129	24342	3.40%	0.231%
41	9.745	1299	1302	1306	rVB	111612	86909	12.13%	0.826%
42	9.786	1306	1309	1310	rBV2	13194	14995	2.09%	0.142%
43	9.816	1310	1314	1318	rVV	567274	465724	65.02%	4.425%
44	9.851	1318	1320	1323	rVV2	21633	19017	2.65%	0.181%
45	9.880	1323	1325	1328	rVB4	14241	11683	1.63%	0.111%
46	9.916	1328	1331	1337	rVB5	22919	29225	4.08%	0.278%
47	9.975	1338	1341	1343	rBV4	14311	18093	2.53%	0.172%
48	10.063	1353	1356	1360	rBV4	29823	37034	5.17%	0.352%
49	10.098	1360	1362	1365	rVB3	14347	13781	1.92%	0.131%
50	10.133	1365	1368	1371	rBV5	19945	28168	3.93%	0.268%
51	10.186	1375	1377	1380	rVB4	10148	9413	1.31%	0.089%
52	10.216	1380	1382	1384	rBV3	13532	13730	1.92%	0.130%
53	10.245	1384	1387	1390	rVV	128666	95268	13.30%	0.905%
54	10.275	1390	1392	1394	rVB3	10867	9263	1.29%	0.088%
55	10.304	1394	1397	1402	rVB6	12725	19012	2.65%	0.181%
56	10.363	1402	1407	1414	rBV3	22899	47773	6.67%	0.454%
57	10.469	1420	1425	1431	rVB	47154	69749	9.74%	0.663%
58	10.516	1431	1433	1437	rVB5	18036	17581	2.45%	0.167%
59	10.551	1437	1439	1442	rBV3	14643	12787	1.79%	0.122%
60	10.586	1442	1445	1446	rBV2	19553	14921	2.08%	0.142%
61	10.610	1446	1449	1456	rBV	363373	341737	47.71%	3.247%
62	10.722	1465	1468	1473	rBV	129298	157057	21.93%	1.492%
63	10.786	1477	1479	1482	rBV4	7129	9642	1.35%	0.092%
64	10.910	1498	1500	1504	rBV3	18014	26492	3.70%	0.252%
65	10.945	1504	1506	1509	rVB3	23503	19044	2.66%	0.181%
66	10.980	1509	1512	1514	rBV2	25998	25404	3.55%	0.241%
67	11.169	1541	1544	1547	rBV	106270	92288	12.88%	0.877%
68	11.198	1547	1549	1556	rVB2	65600	76561	10.69%	0.728%
69	11.310	1565	1568	1571	rBV	524385	425434	59.39%	4.043%
70	11.333	1571	1572	1579	rVV	81377	79741	11.13%	0.758%
71	11.386	1579	1581	1583	rVV	26583	21623	3.02%	0.205%
72	11.416	1585	1586	1589	rVV3	13804	16419	2.29%	0.156%
73	11.445	1589	1591	1593	rVB2	13202	10212	1.43%	0.097%
74	11.551	1606	1609	1612	rBV5	21224	20488	2.86%	0.195%
75	11.598	1614	1617	1620	rVV	96297	76642	10.70%	0.728%
76	11.645	1623	1625	1631	rVB4	14689	18363	2.56%	0.174%

LSC Area Percent Report

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Data File : BF137095.D
Acq On : 17 Jan 2024 16:06
Operator : CG\JU
Sample : P1152-03 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
275

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-BF122023.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	11.704	1631	1635	1638	rBV	128698	103339	14.43%	0.982%
78	11.786	1643	1649	1652	rBV3	52765	91083	12.72%	0.866%
79	11.845	1656	1659	1666	rVV	301934	279513	39.02%	2.656%
80	11.927	1670	1673	1675	rVB	23546	21834	3.05%	0.207%
81	12.010	1684	1687	1690	rBV	82580	65680	9.17%	0.624%
82	12.292	1732	1735	1738	rBV3	26694	25786	3.60%	0.245%
83	12.369	1744	1748	1749	rBV2	33825	35713	4.99%	0.339%
84	12.392	1749	1752	1754	rVV2	383786	390197	54.47%	3.708%
85	12.410	1754	1755	1766	rVB	400568	372768	52.04%	3.542%
86	12.498	1767	1770	1773	rBV	71552	55628	7.77%	0.529%
87	12.539	1773	1777	1778	rBV2	214077	236783	33.06%	2.250%
88	12.563	1778	1781	1789	rVV	466769	640072	89.36%	6.082%
89	12.633	1791	1793	1800	rVB	71319	78244	10.92%	0.744%
90	12.763	1810	1815	1822	rVB2	102701	152479	21.29%	1.449%
91	12.821	1823	1825	1828	rVB2	18804	16620	2.32%	0.158%
92	12.904	1835	1839	1842	rVB	643813	503427	70.28%	4.784%
93	13.133	1875	1878	1880	rBV	58758	55520	7.75%	0.528%
94	13.474	1934	1936	1940	rVB2	46112	42569	5.94%	0.405%
95	13.810	1990	1993	1996	rVB	34650	33548	4.68%	0.319%
96	13.968	2016	2020	2023	rBV	354710	355766	49.67%	3.381%
97	14.127	2044	2047	2052	rBV2	51589	50082	6.99%	0.476%
98	14.433	2096	2099	2102	rBV	59843	60674	8.47%	0.577%
99	15.462	2270	2274	2285	rVB	247440	392305	54.77%	3.728%
100	16.598	2463	2467	2473	rVB2	85312	151124	21.10%	1.436%

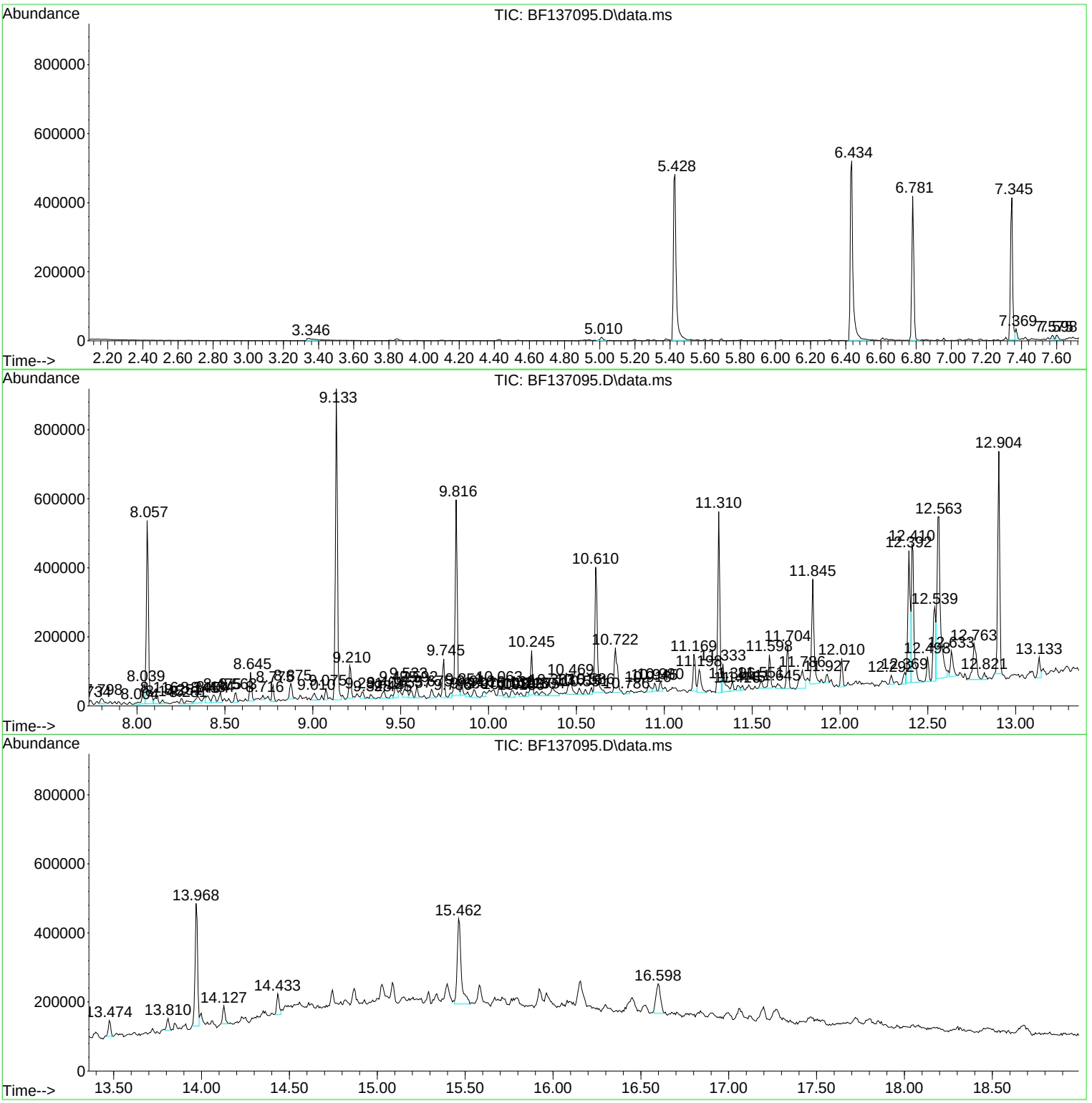
Sum of corrected areas: 10523658

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011724\
Data File : BF137095.D
Acq On : 17 Jan 2024 16:06
Operator : CG\JU
Sample : P1152-03 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
275

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.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\BF011724\
Data File : BF137095.D
Acq On : 17 Jan 2024 16:06
Operator : CG\JU
Sample : P1152-03 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
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275

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.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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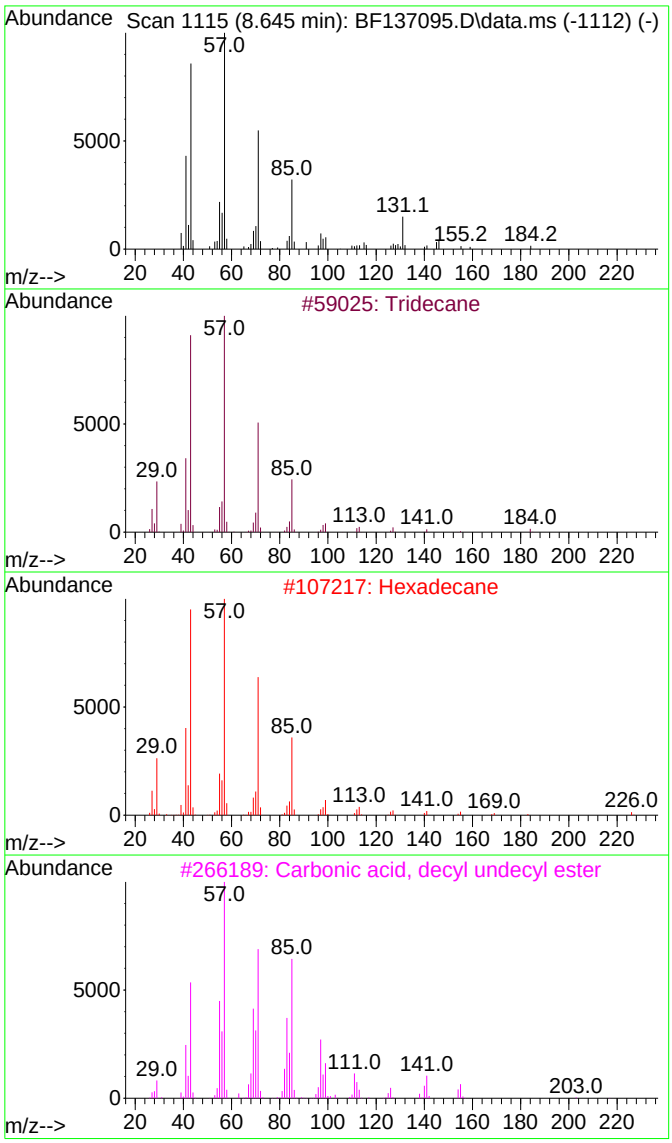
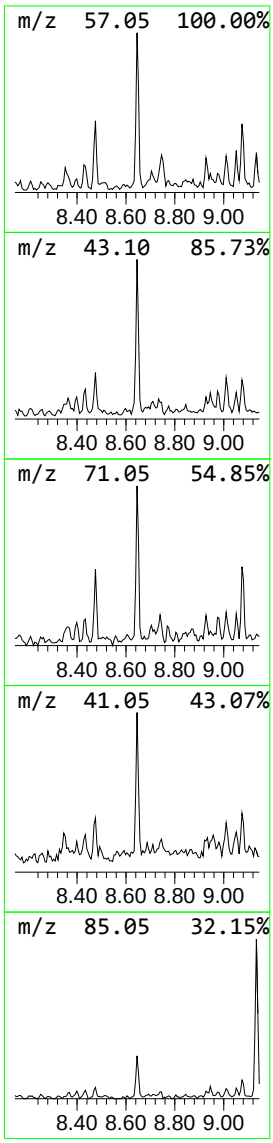
Peak Number 1 Tridecane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.645	2.86 ng	64614	Naphthalene-d8	8.057

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	93
2	Hexadecane	226	C16H34	000544-76-3	68
3	Carbonic acid, decyl undecyl ester	356	C22H44O3	1000383-16-0	64
4	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	64
5	Dodecyl nonyl ether	312	C21H44O	1000406-37-5	59





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011724\
Data File : BF137095.D
Acq On : 17 Jan 2024 16:06
Operator : CG\JU
Sample : P1152-03 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
275

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.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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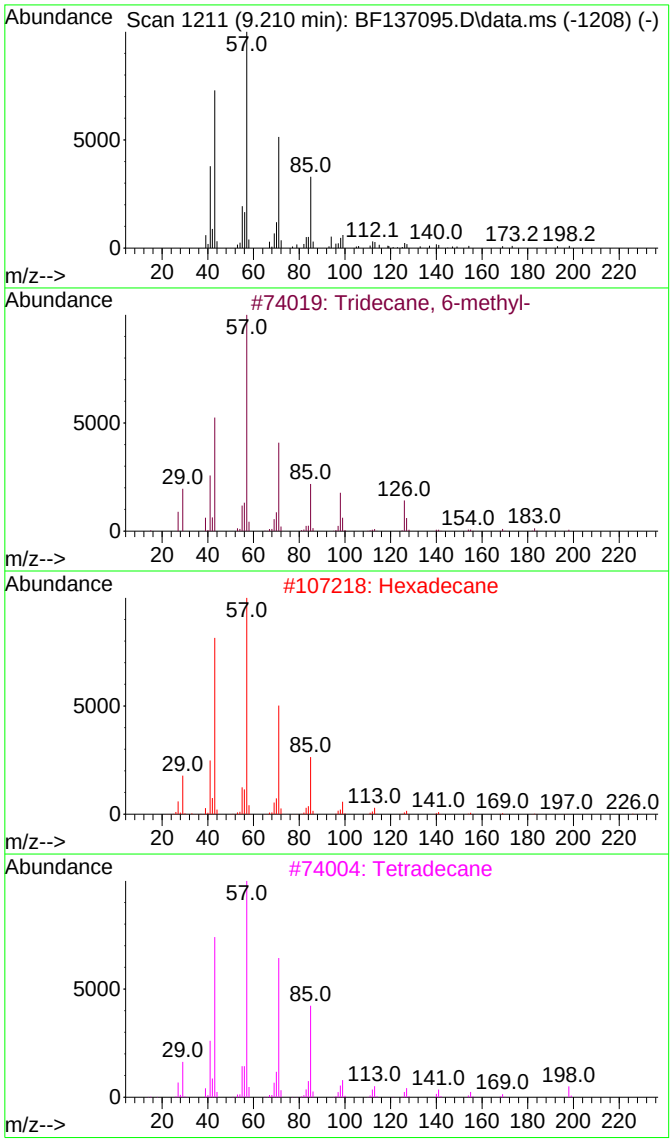
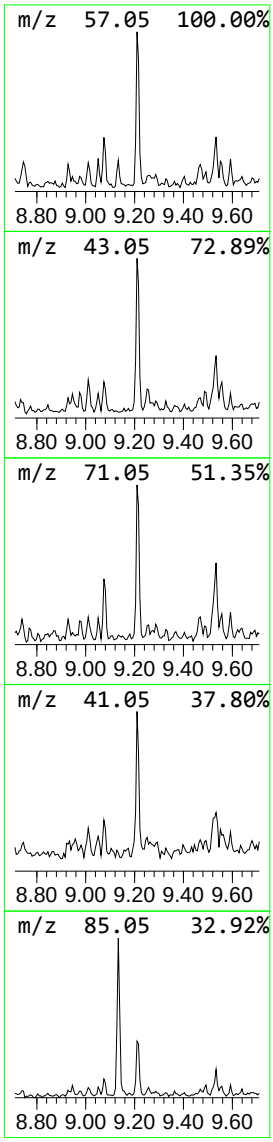
Peak Number 2 Tridecane, 6-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.210	3.47 ng	80730	Acenaphthene-d10	9.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 6-methyl-	198	C14H30	013287-21-3	87
2	Hexadecane	226	C16H34	000544-76-3	86
3	Tetradecane	198	C14H30	000629-59-4	86
4	Pentadecane	212	C15H32	000629-62-9	86
5	Tridecane	184	C13H28	000629-50-5	78





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011724\
Data File : BF137095.D
Acq On : 17 Jan 2024 16:06
Operator : CG\JU
Sample : P1152-03 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
275

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.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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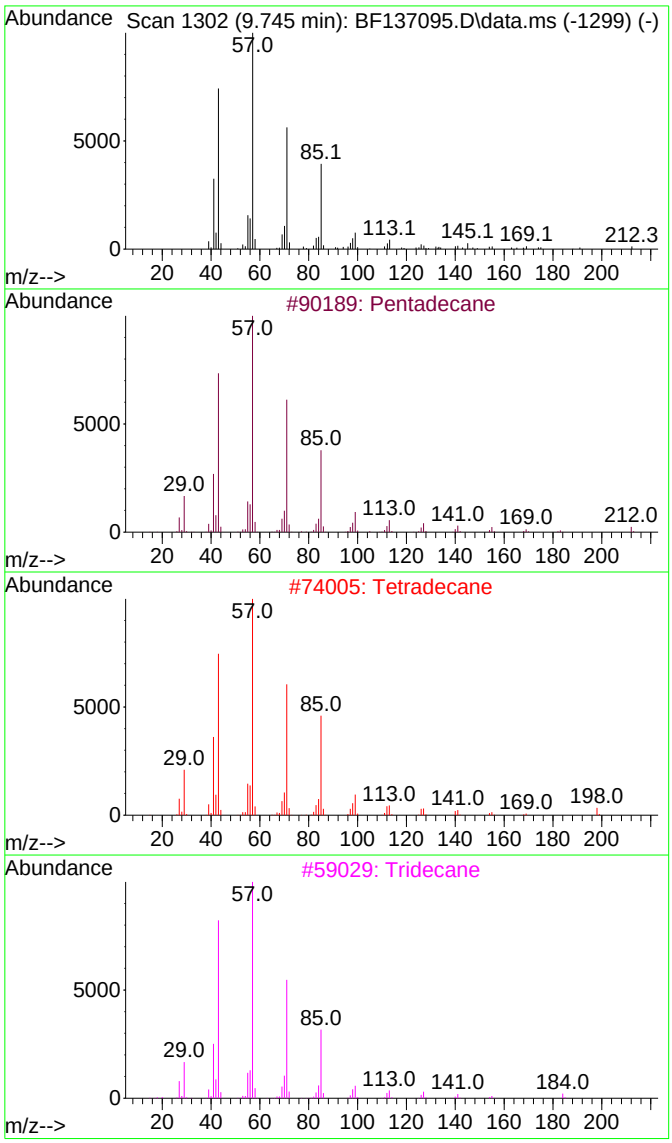
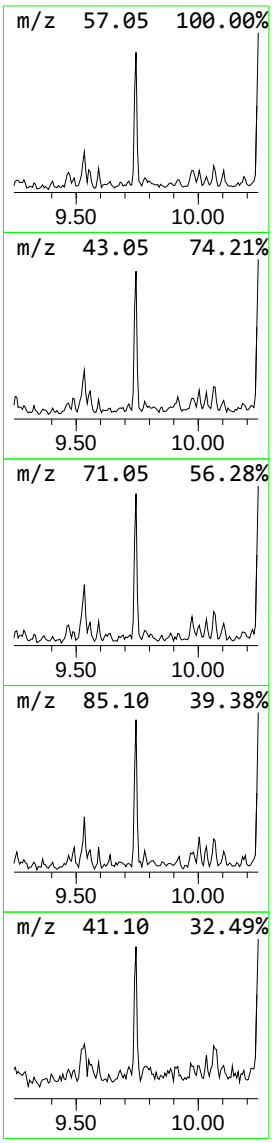
Peak Number 3 Pentadecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.745	3.73 ng	86909	Acenaphthene-d10	9.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	95
2	Tetradecane	198	C14H30	000629-59-4	90
3	Tridecane	184	C13H28	000629-50-5	90
4	Heptadecane	240	C17H36	000629-78-7	80
5	Nonadecane	268	C19H40	000629-92-5	80





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011724\
Data File : BF137095.D
Acq On : 17 Jan 2024 16:06
Operator : CG\JU
Sample : P1152-03 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
275

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.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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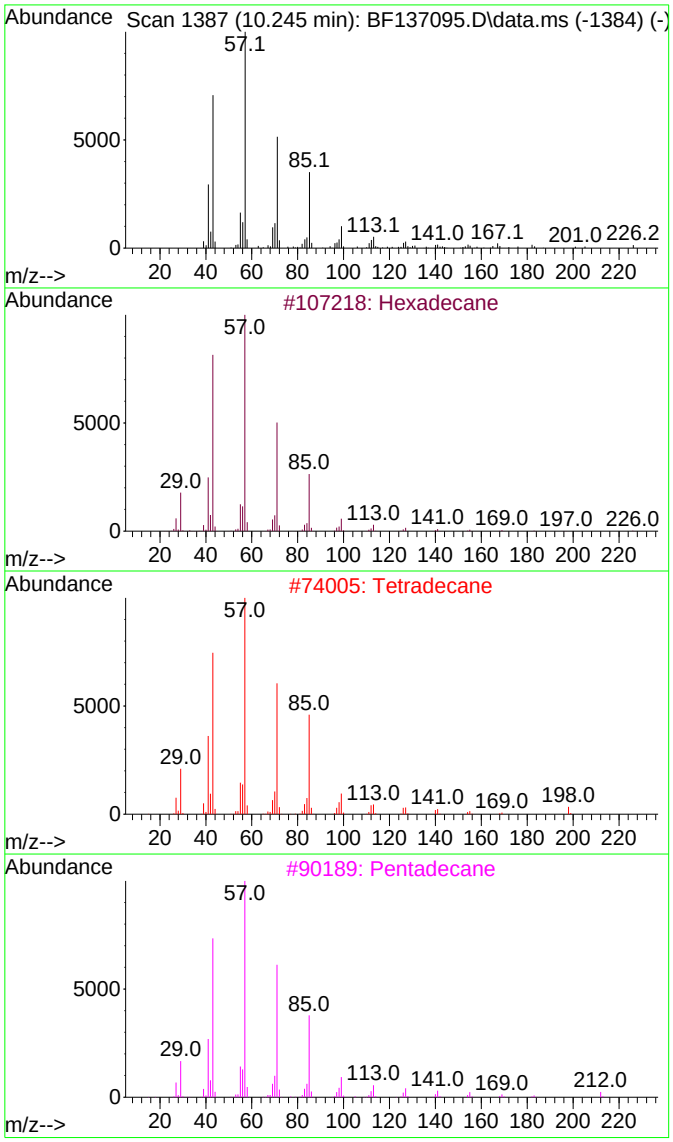
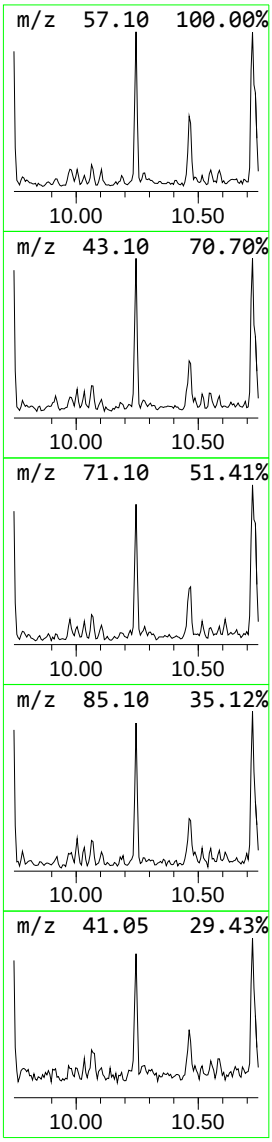
Peak Number 4 Hexadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.245	4.09 ng	95268	Acenaphthene-d10	9.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	96
2	Tetradecane	198	C14H30	000629-59-4	91
3	Pentadecane	212	C15H32	000629-62-9	90
4	Tridecane	184	C13H28	000629-50-5	90
5	Heptadecane	240	C17H36	000629-78-7	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011724\
Data File : BF137095.D
Acq On : 17 Jan 2024 16:06
Operator : CG\JU
Sample : P1152-03 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
275

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.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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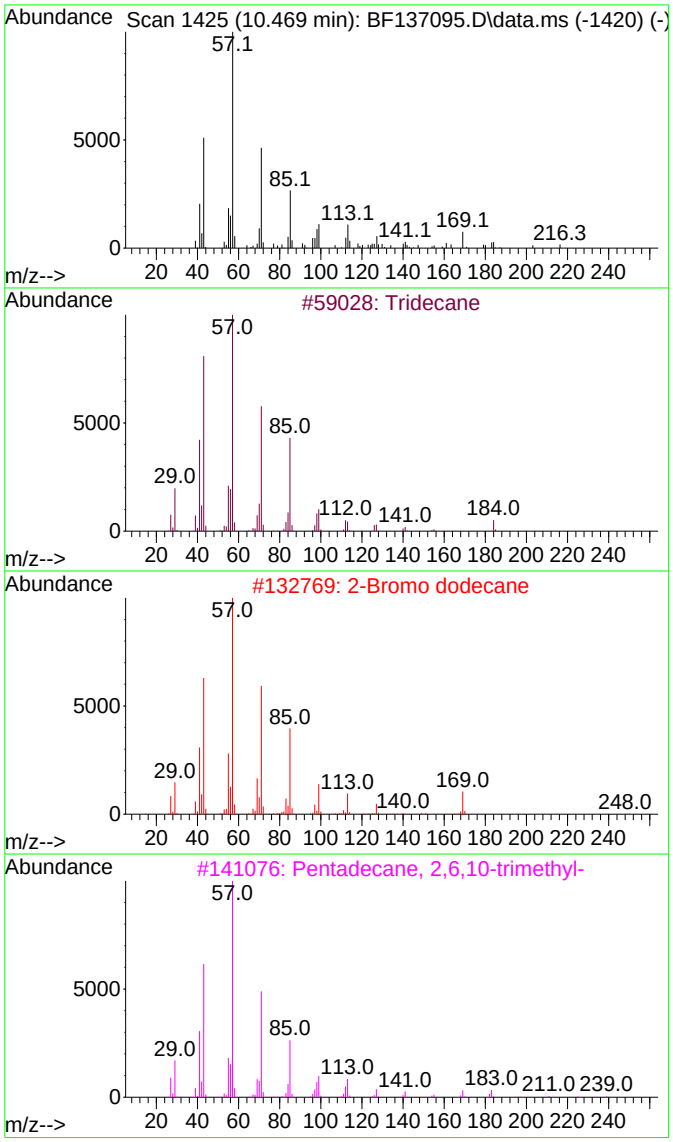
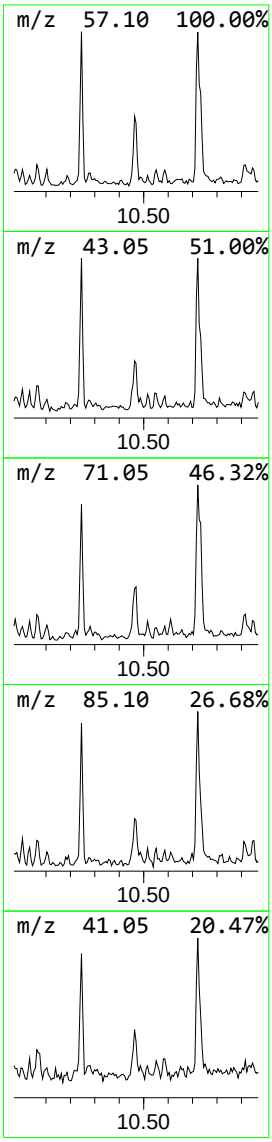
Peak Number 5 2-Bromo dodecane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.469	3.00 ng	69749	Acenaphthene-d10	9.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	93
2	2-Bromo dodecane	248	C12H25Br	013187-99-0	86
3	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	86
4	Tetracosane	338	C24H50	000646-31-1	80
5	Eicosyl isobutyl ether	354	C24H50O	1000406-33-0	78





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011724\
Data File : BF137095.D
Acq On : 17 Jan 2024 16:06
Operator : CG\JU
Sample : P1152-03 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
275

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

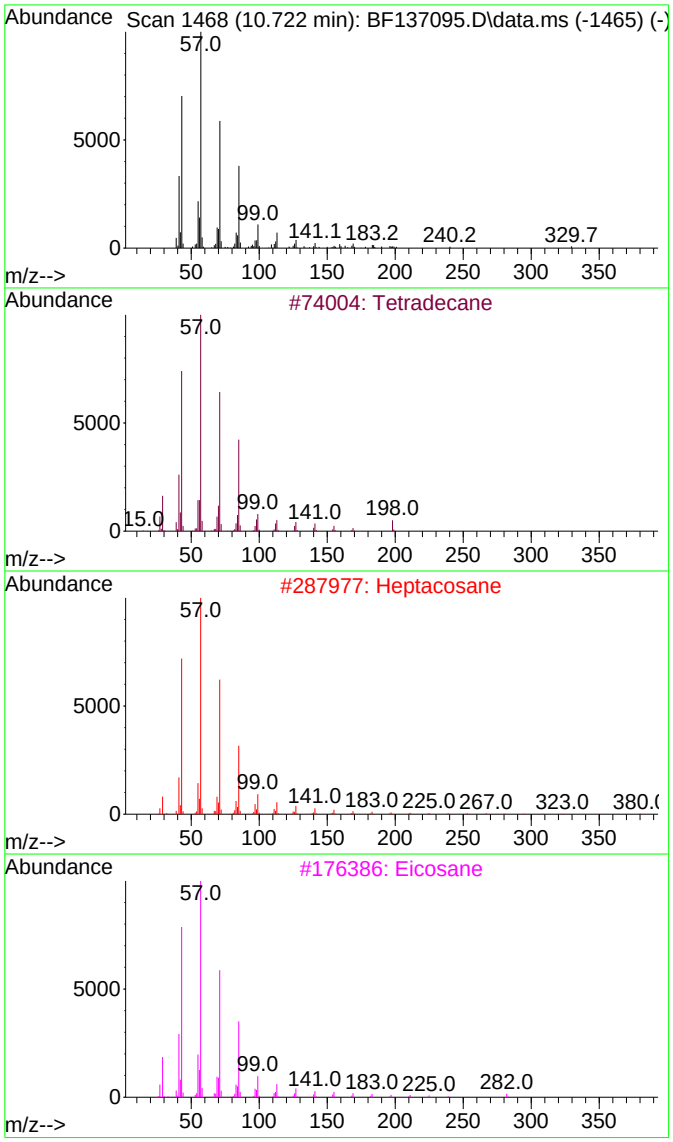
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

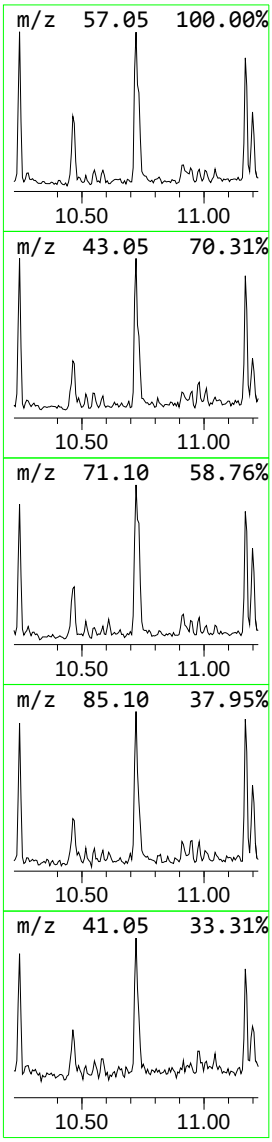
****

Peak Number 6 Tetradecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.722	7.38 ng	157057	Phenanthrene-d10	11.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	93
2	Heptacosane	380	C27H56	000593-49-7	90
3	Eicosane	282	C20H42	000112-95-8	87
4	Hexadecane	226	C16H34	000544-76-3	86
5	Heptadecane	240	C17H36	000629-78-7	86





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Acq On : 17 Jan 2024 16:06
Operator : CG\JU
Sample : P1152-03 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
275

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

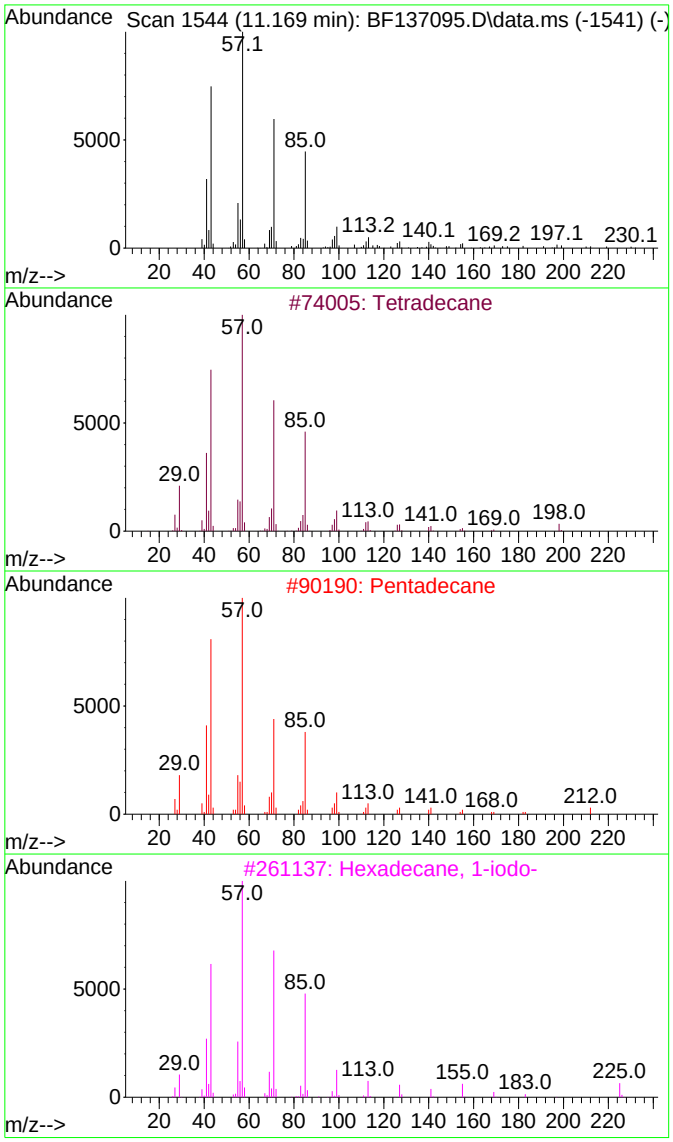
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

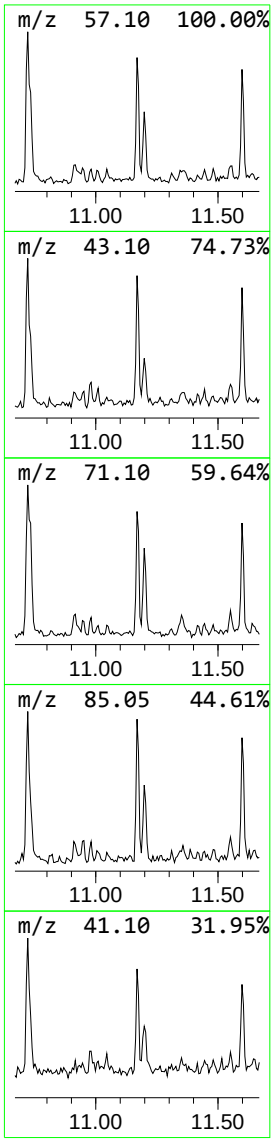
****

Peak Number 7 Hexadecane, 1-iodo- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.169	4.34 ng	92288	Phenanthrene-d10	11.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	86
2	Pentadecane	212	C15H32	000629-62-9	86
3	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	80
4	Nonadecane	268	C19H40	000629-92-5	74
5	Hexadecane	226	C16H34	000544-76-3	52





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ALS Vial : 5 Sample Multiplier: 1

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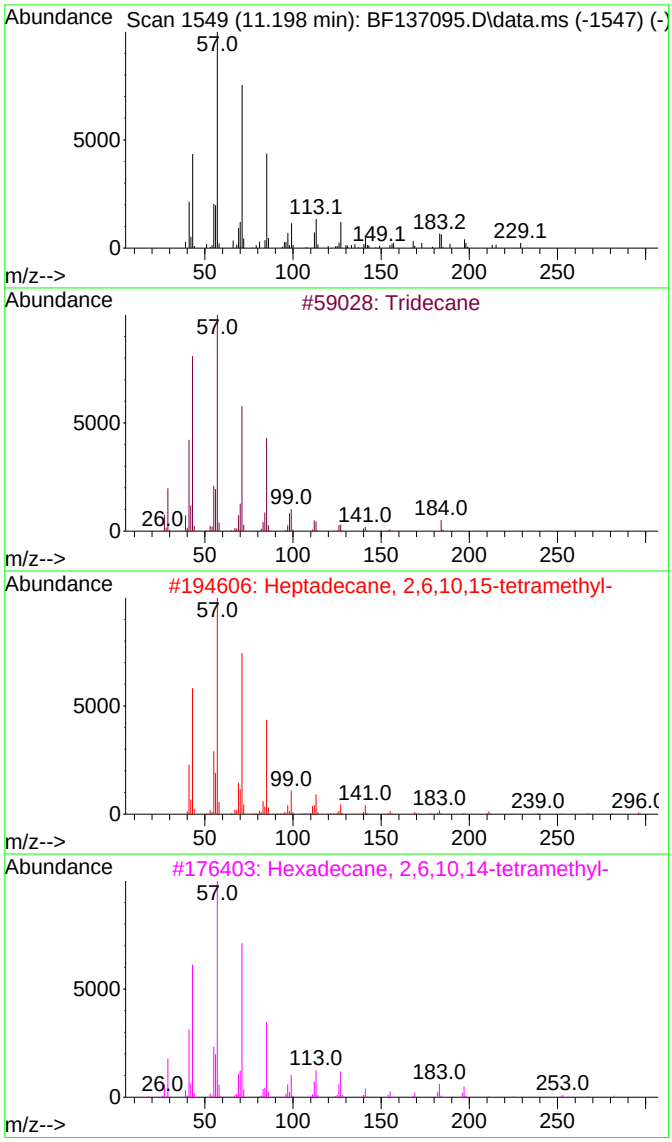
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

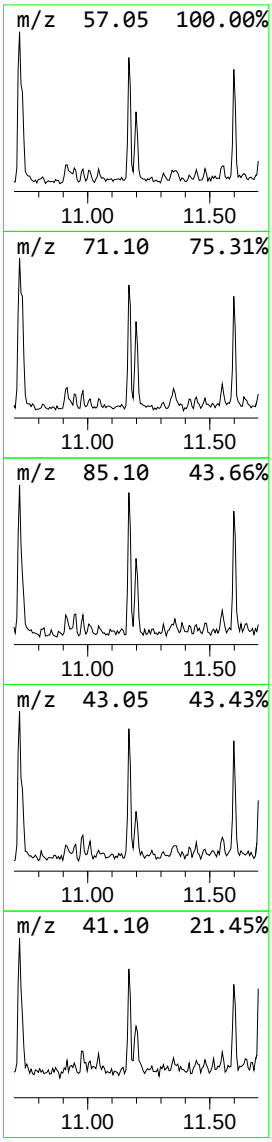
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Heptadecane, 2,6,10,15-tetr... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.198	3.60 ng	76561	Phenanthrene-d10	11.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	87
2	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	86
3	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	83
4	5,5-Dibutylnonane	240	C17H36	006008-17-9	80
5	Tetradecane	198	C14H30	000629-59-4	72





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ALS Vial : 5 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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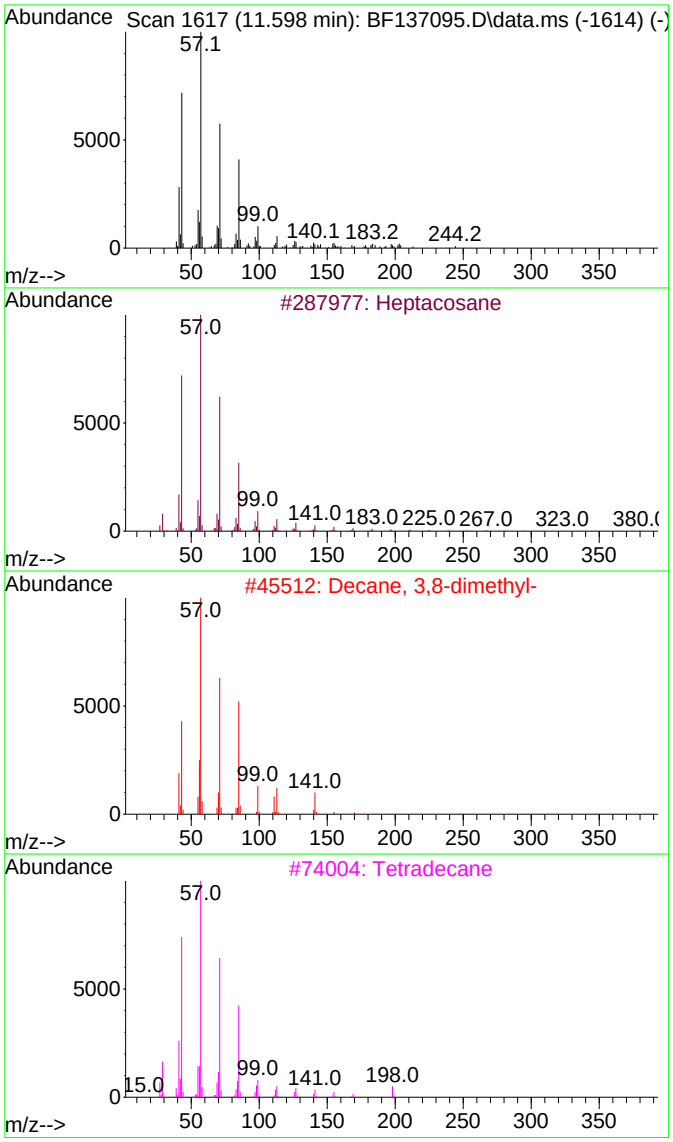
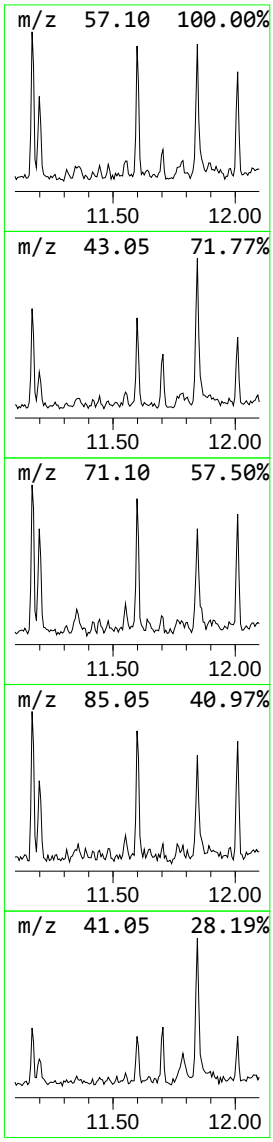
Peak Number 9 Heptacosane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.598	3.60 ng	76642	Phenanthrene-d10	11.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	90
2	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	87
3	Tetradecane	198	C14H30	000629-59-4	87
4	Tetracosane	338	C24H50	000646-31-1	86
5	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	86





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ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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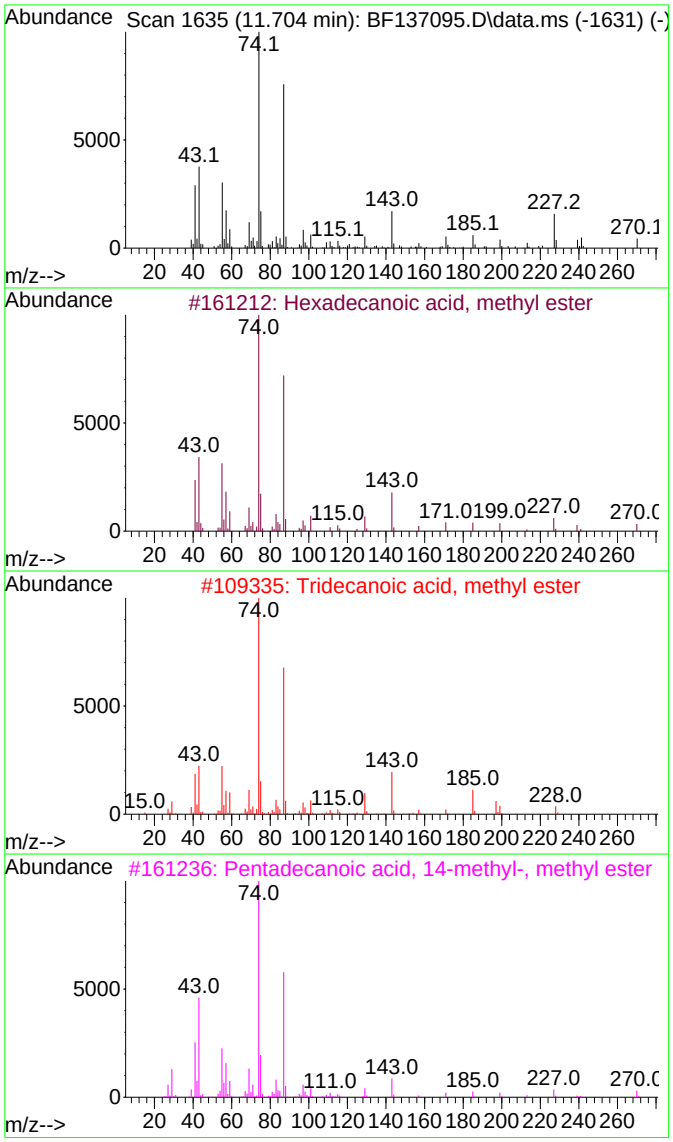
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

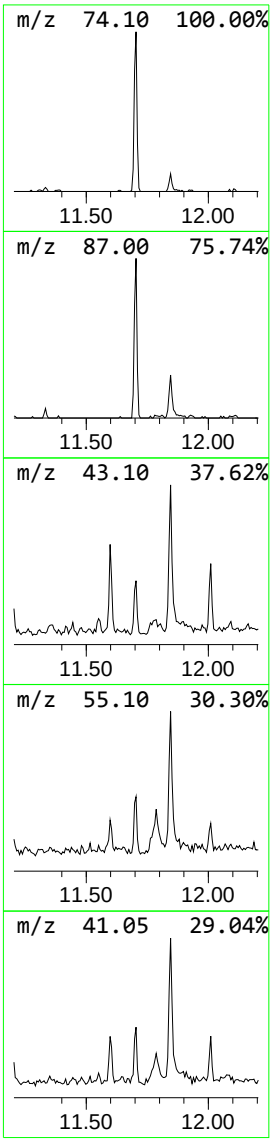
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Hexadecanoic acid, methyl e... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.704	4.86 ng	103339	Phenanthrene-d10	11.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	93
2	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	91
3	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	91
4	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	72
5	Decanoic acid, methyl ester	186	C11H22O2	000110-42-9	72





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Sample : P1152-03 2X
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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

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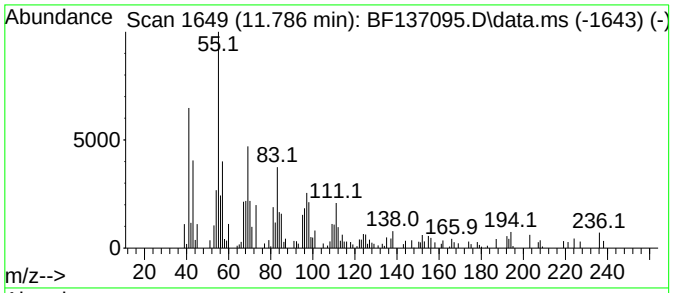
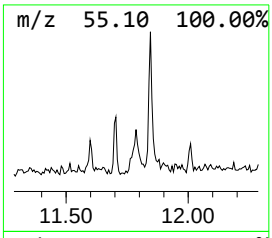
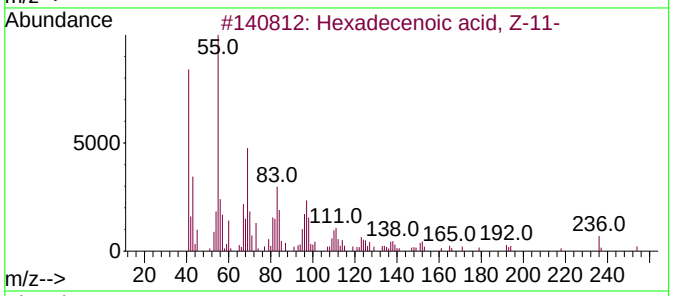
Peak Number 11 unknown11.786 Concentration Rank 8

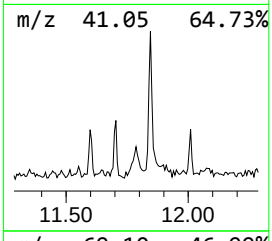
R.T.	EstConc	Area	Relative to ISTD	R.T.
11.786	4.28 ng	91083	Phenanthrene-d10	11.310

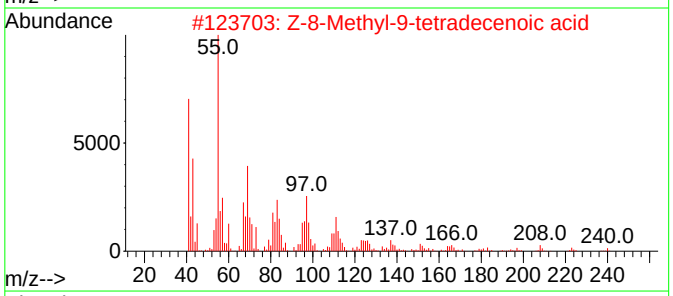
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecenoic acid, Z-11-	254	C16H30O2	002416-20-8	43
2	Z-8-Methyl-9-tetradecenoic acid	240	C15H28O2	1000130-84-5	43
3	Oxacyclotetradecane-2,11-dione, ...	240	C14H24O3	074685-36-2	43
4	Cetene	224	C16H32	000629-73-2	42
5	Palmitoleic acid	254	C16H30O2	000373-49-9	41

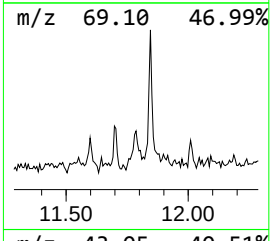


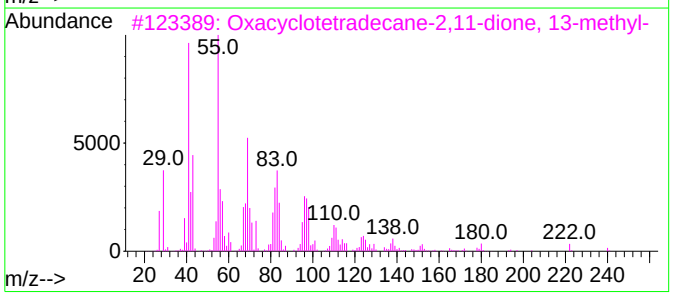


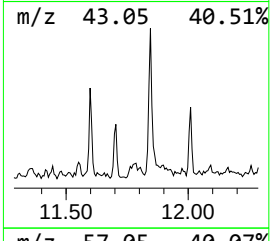


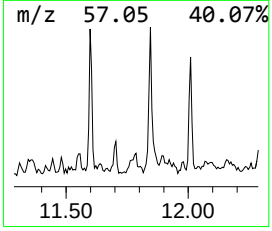












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Acq On : 17 Jan 2024 16:06
Operator : CG\JU
Sample : P1152-03 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

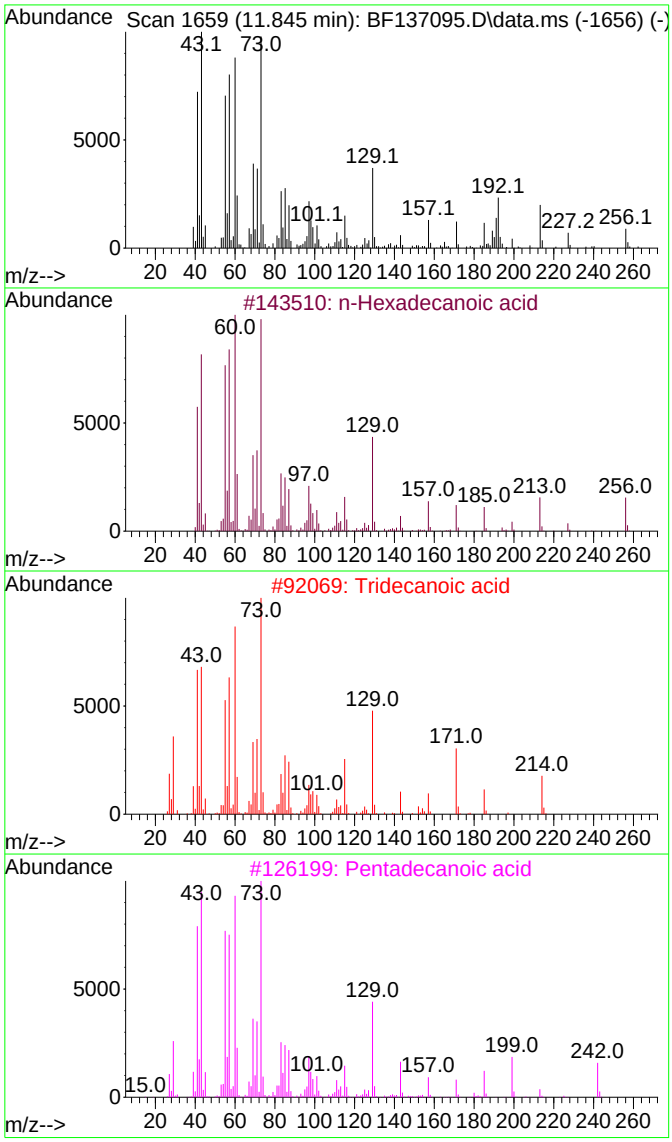
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

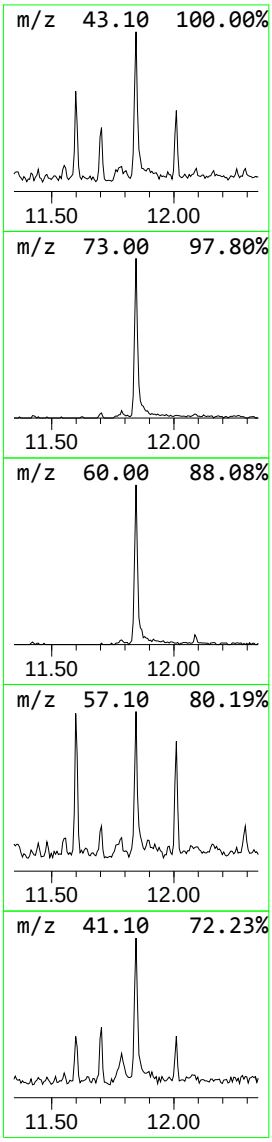
****

Peak Number 12 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.845	13.14 ng	279513	Phenanthrene-d10	11.310

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	90
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	89
5	Undecanoic acid	186	C11H22O2	000112-37-8	62





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Misc :
ALS Vial : 5 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
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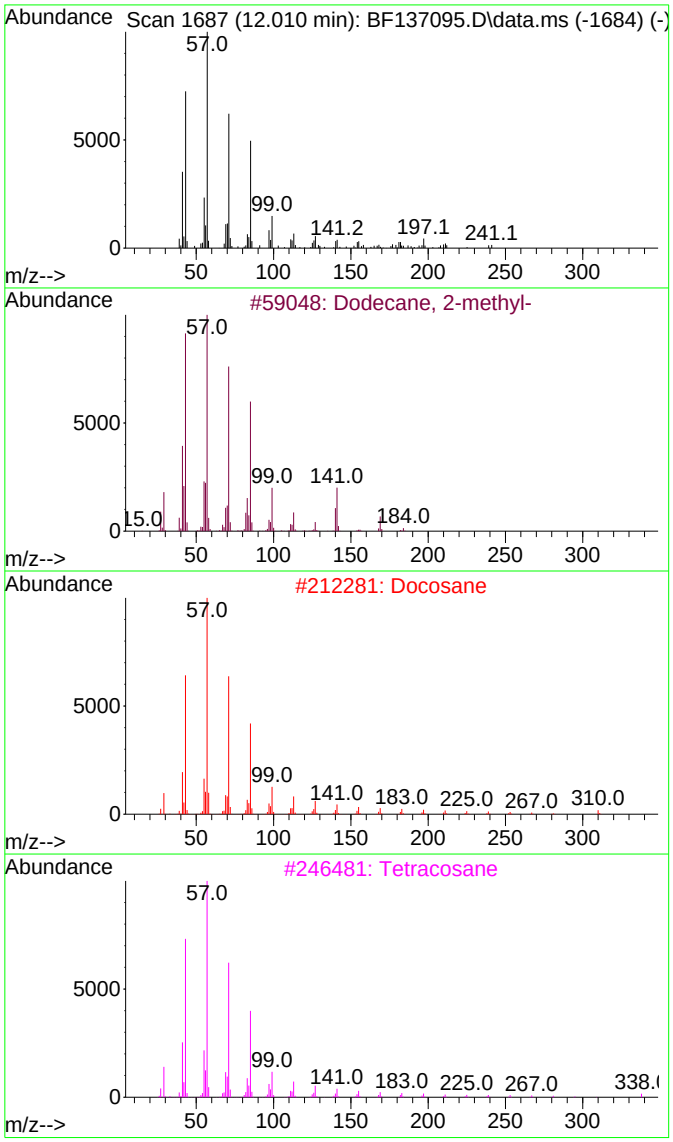
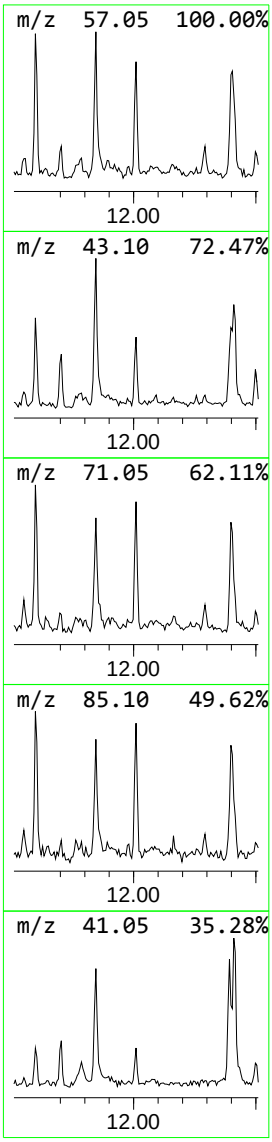
****

Peak Number 13 Dodecane, 2-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.010	3.09 ng	65680	Phenanthrene-d10	11.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2-methyl-	184	C13H28	001560-97-0	87
2	Docosane	310	C22H46	000629-97-0	83
3	Tetracosane	338	C24H50	000646-31-1	83
4	Pentadecane	212	C15H32	000629-62-9	83
5	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	80





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Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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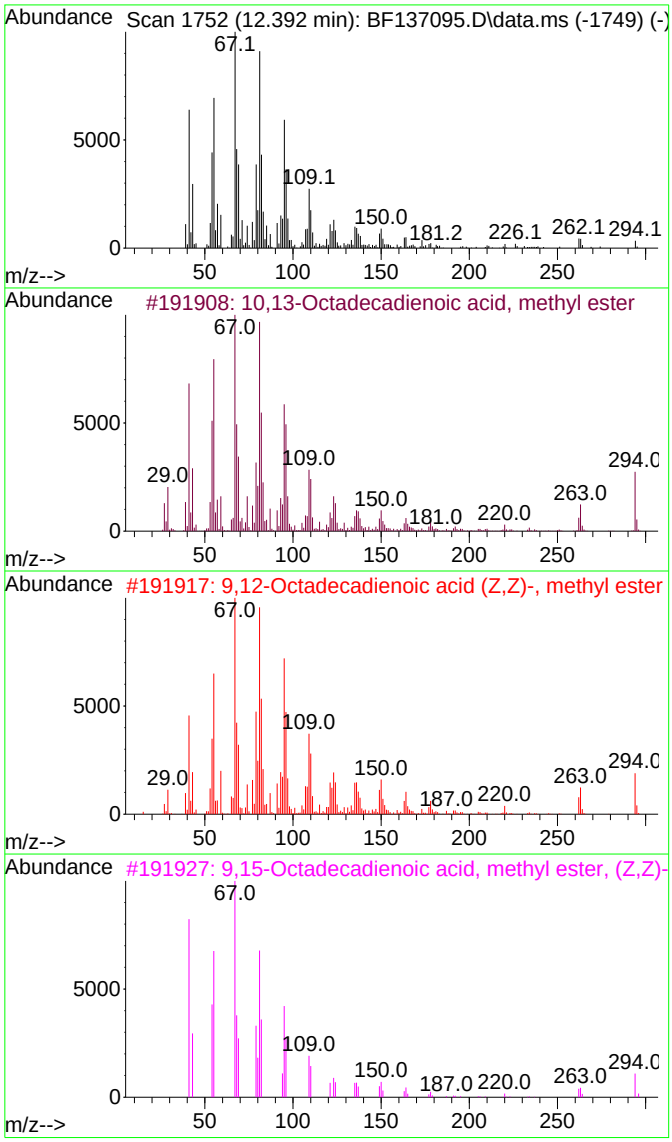
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

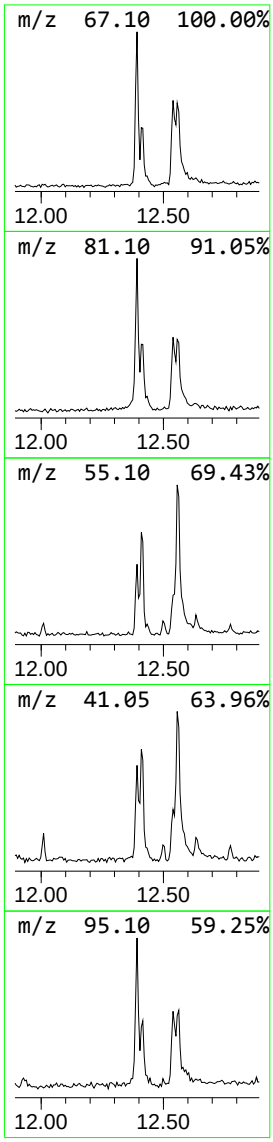
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 10,13-Octadecadienoic acid,... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.392	18.34 ng	390197	Phenanthrene-d10	11.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	10,13-Octadecadienoic acid, meth...	294	C19H34O2	056554-62-2	99
2	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	99
3	9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	99
4	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	99
5	8,11-Octadecadienoic acid, methy...	294	C19H34O2	056599-58-7	99





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Misc :
ALS Vial : 5 Sample Multiplier: 1

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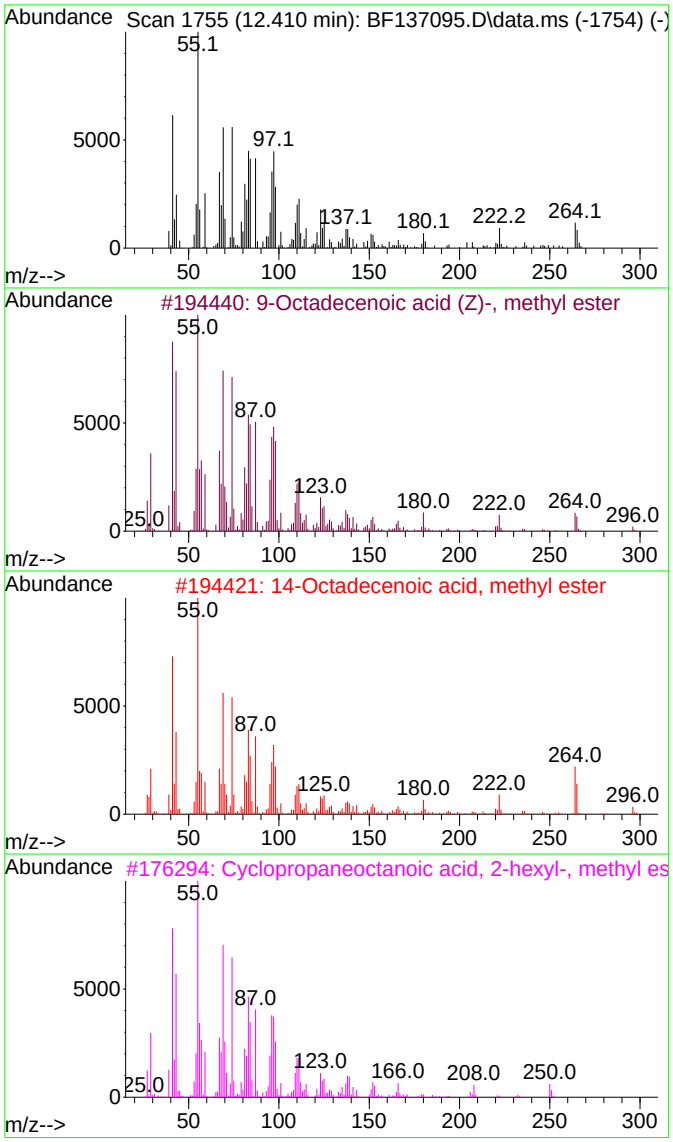
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

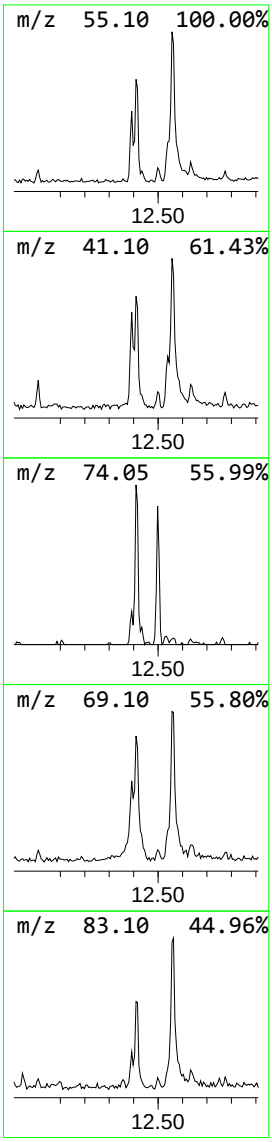
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 9-Octadecenoic acid (Z)-, m... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.410	17.52 ng	372768	Phenanthrene-d10	11.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	95
2	14-Octadecenoic acid, methyl ester	296	C19H36O2	056554-48-4	91
3	Cyclopropaneoctanoic acid, 2-hex...	282	C18H34O2	010152-61-1	90
4	(Z)-15-Octadecenoic acid methyl ...	296	C19H36O2	1000427-69-3	87
5	13-Octadecenoic acid, methyl ester	296	C19H36O2	056554-47-3	87





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Sample : P1152-03 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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TIC Library : C:\Database\NIST20.L
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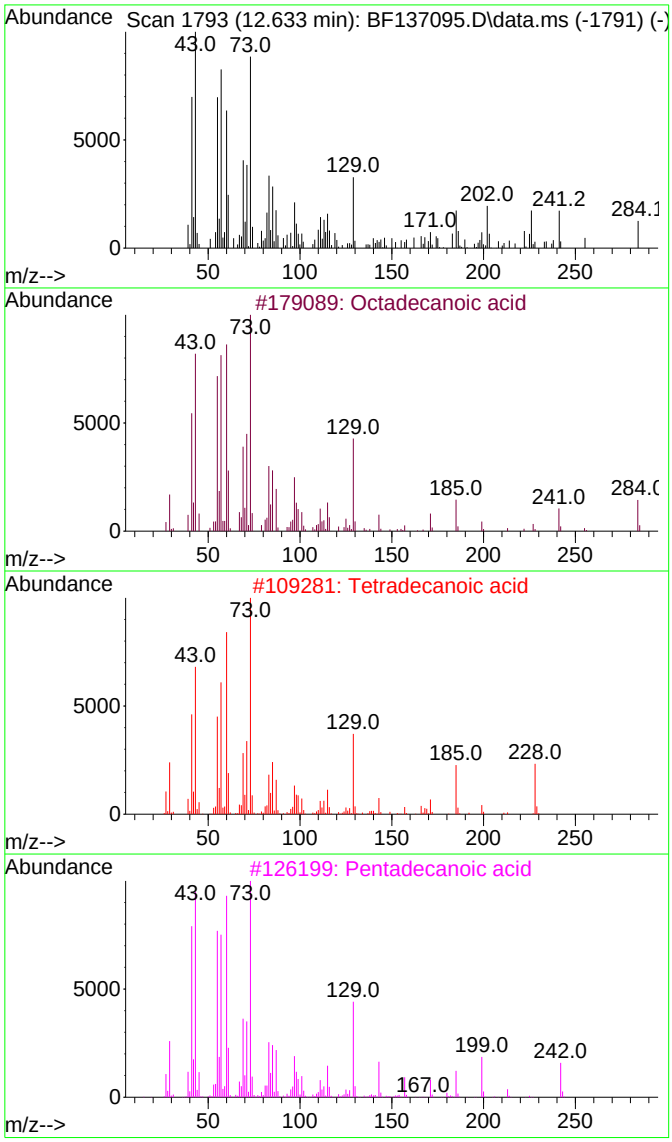
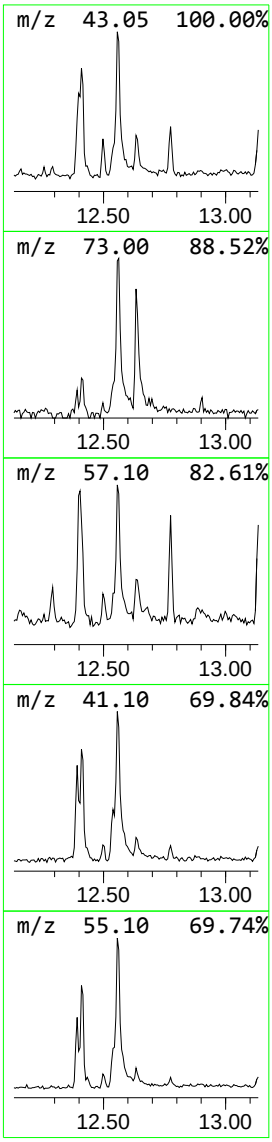
****

Peak Number 16 Octadecanoic acid Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.633	3.68 ng	78244	Phenanthrene-d10	11.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	97
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	70
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	60
4	8-Methylnonanoic acid	172	C10H20O2	005963-14-4	45
5	1-Dodecanol, 2-octyl-	298	C20H42O	005333-42-6	25





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Data File : BF137095.D
Acq On : 17 Jan 2024 16:06
Operator : CG\JU
Sample : P1152-03 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
275

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.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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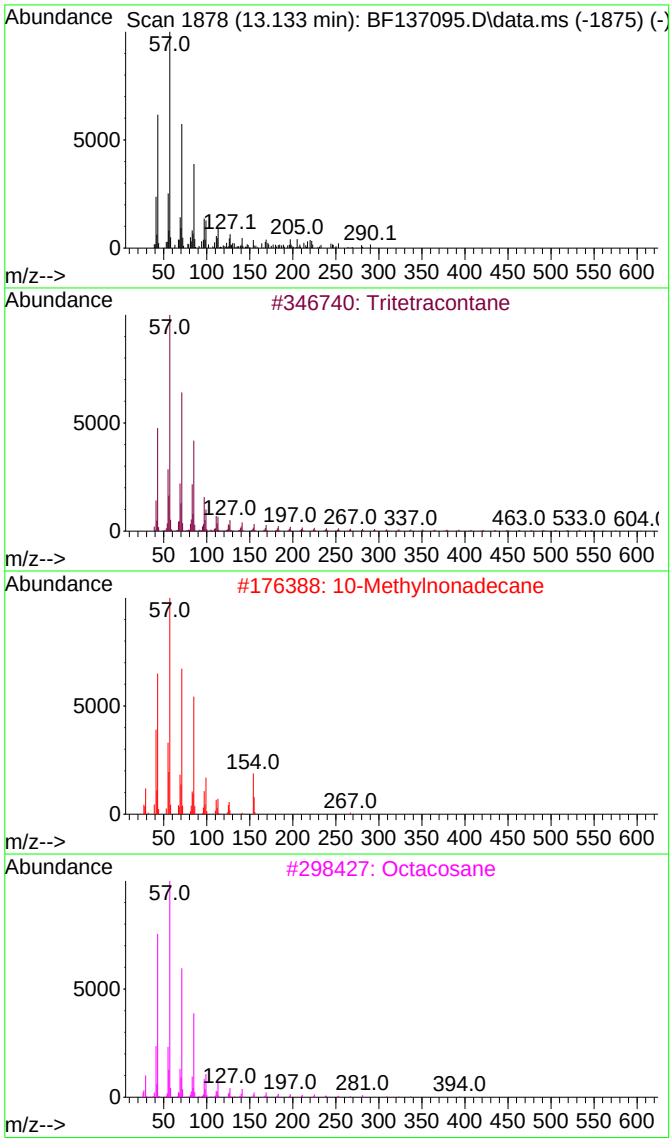
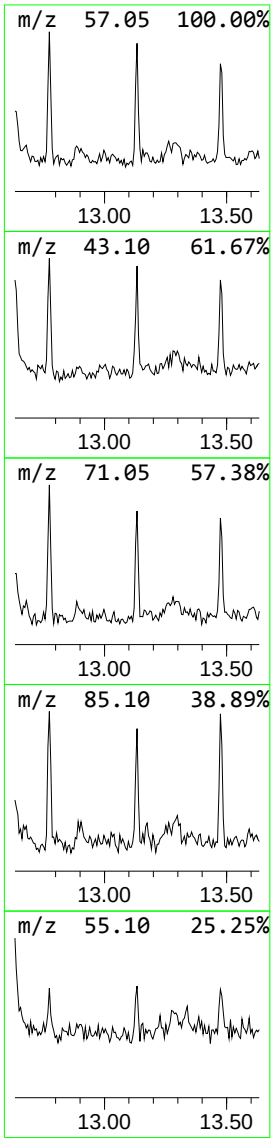
Peak Number 17 Tritetracontane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.133	3.12 ng	55520	Chrysene-d12	13.969

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tritetracontane	605	C43H88	007098-21-7	87
2	10-Methylnonadecane	282	C20H42	056862-62-5	87
3	Octacosane	394	C28H58	000630-02-4	87
4	Tetratetracontane	619	C44H90	007098-22-8	86
5	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	83





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Operator : CG\JU
Sample : P1152-03 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
275

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.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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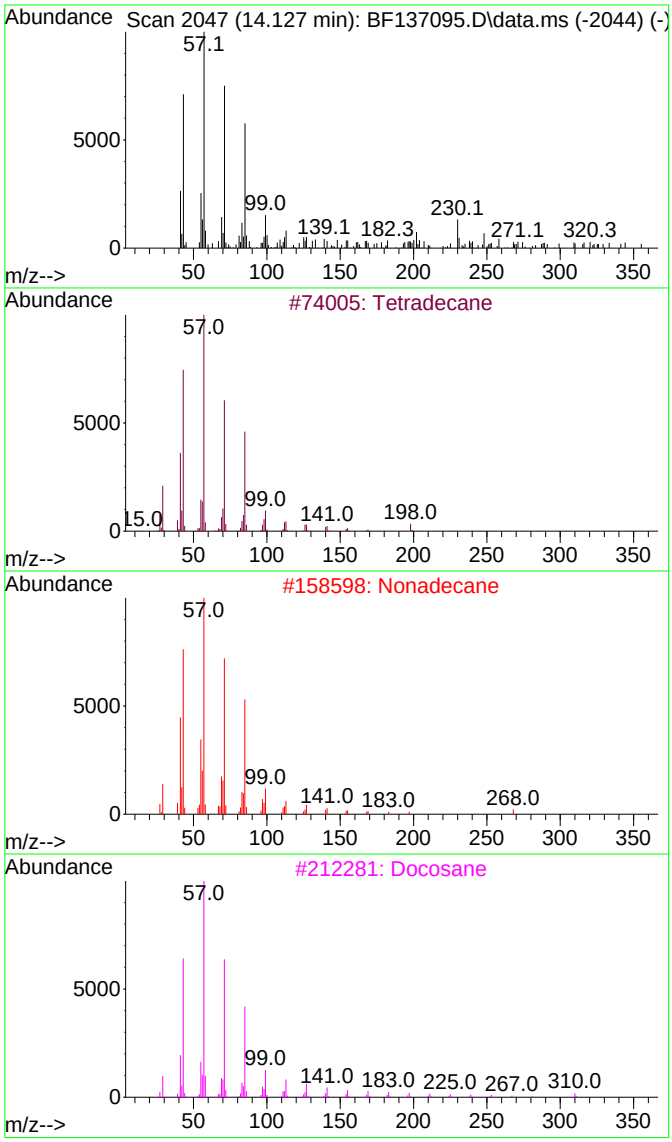
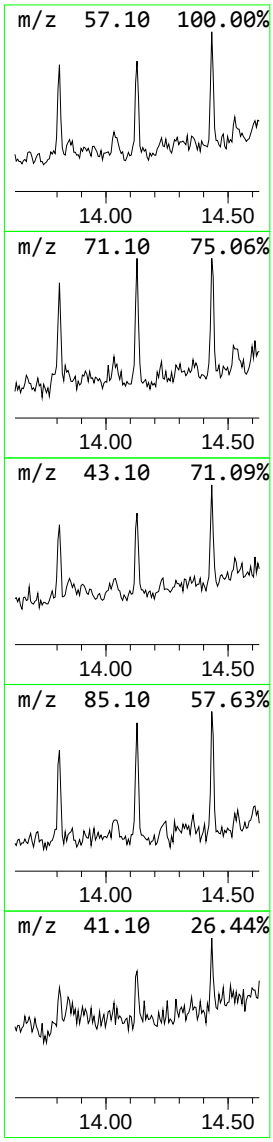
Peak Number 18 Nonadecane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.127	2.82 ng	50082	Chrysene-d12	13.969

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	91
2	Nonadecane	268	C19H40	000629-92-5	87
3	Docosane	310	C22H46	000629-97-0	86
4	Heptadecane	240	C17H36	000629-78-7	86
5	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	80





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Acq On : 17 Jan 2024 16:06
Operator : CG\JU
Sample : P1152-03 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
275

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.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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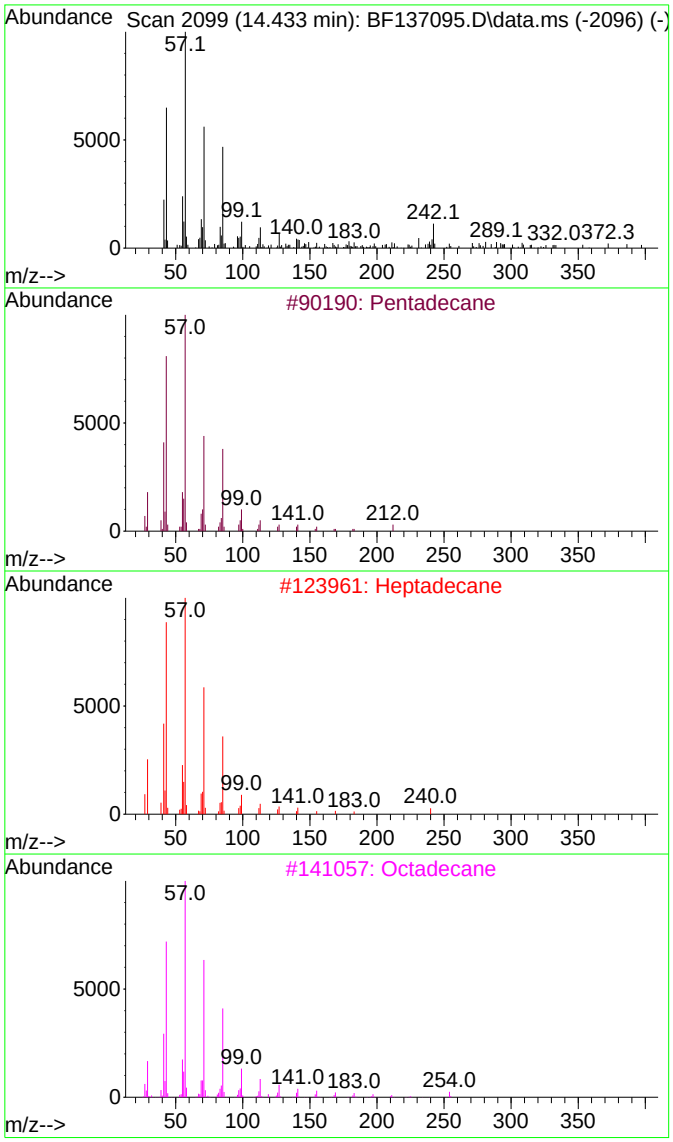
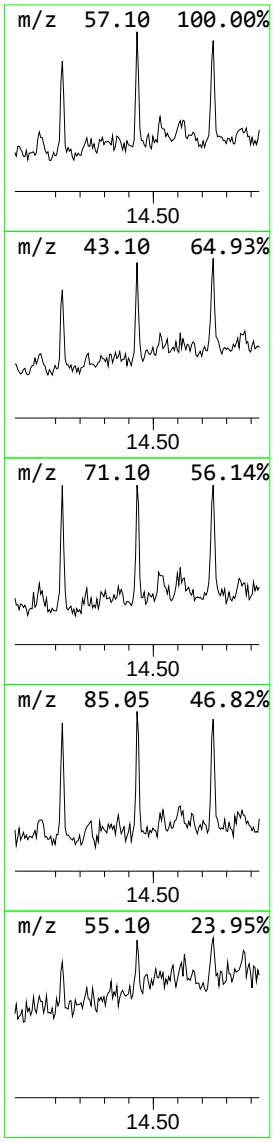
Peak Number 19 Heptadecane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.433	3.41 ng	60674	Chrysene-d12	13.969

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	94
2	Heptadecane	240	C17H36	000629-78-7	91
3	Octadecane	254	C18H38	000593-45-3	91
4	Eicosane	282	C20H42	000112-95-8	87
5	Octacosane	394	C28H58	000630-02-4	83





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011724\
Data File : BF137095.D
Acq On : 17 Jan 2024 16:06
Operator : CG\JU
Sample : P1152-03 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
275

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.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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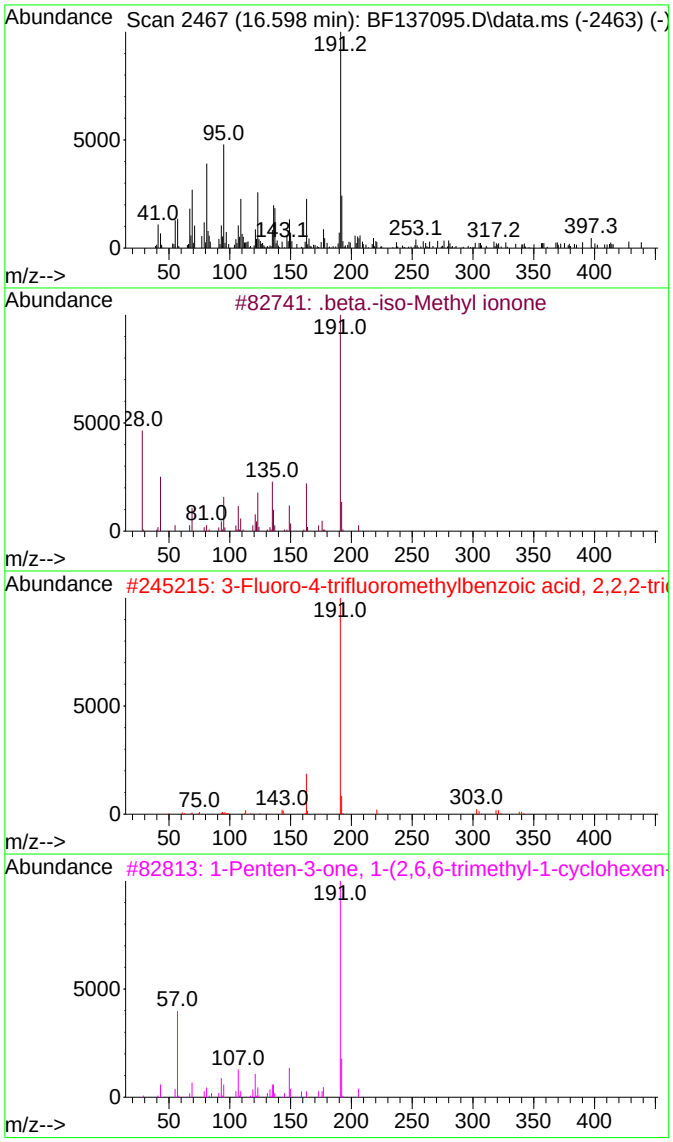
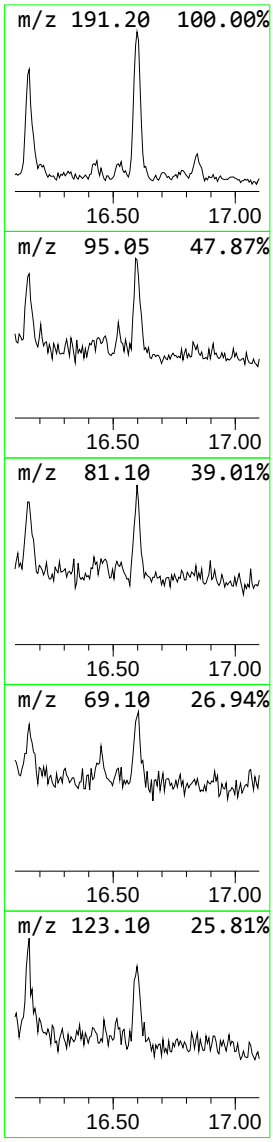
Peak Number 20 unknown16.598 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.598	7.70 ng	151124	Perylene-d12	15.463

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.beta.-iso-Methyl ionone	206	C14H22O	1000285-40-2	49
2	3-Fluoro-4-trifluoromethylbenzoi...	338	C10H5Cl3F4O2	1000360-59-6	46
3	1-Penten-3-one, 1-(2,6,6-trimeth...	206	C14H22O	000127-43-5	43
4	Benzamide, 2-fluoro-3-trifluorom...	305	C15H19F4NO	1000437-09-8	38
5	Benzamide, 3-fluoro-5-trifluorom...	319	C16H21F4NO	1000438-03-5	38





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011724\
Data File : BF137095.D
Acq On : 17 Jan 2024 16:06
Operator : CG\JU
Sample : P1152-03 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
275

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.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
Tridecane	8.645	2.9	ng	64614	2	8.057	452476	20.0
Tridecane, 6-me...	9.210	3.5	ng	80730	3	9.816	465724	20.0
Pentadecane	9.745	3.7	ng	86909	3	9.816	465724	20.0
Hexadecane	10.245	4.1	ng	95268	3	9.816	465724	20.0
2-Bromo dodecane	10.469	3.0	ng	69749	3	9.816	465724	20.0
Tetradecane	10.722	7.4	ng	157057	4	11.310	425434	20.0
Hexadecane, 1-i...	11.169	4.3	ng	92288	4	11.310	425434	20.0
Heptadecane, 2,...	11.198	3.6	ng	76561	4	11.310	425434	20.0
Heptacosane	11.598	3.6	ng	76642	4	11.310	425434	20.0
Hexadecanoic ac...	11.704	4.9	ng	103339	4	11.310	425434	20.0
unknown11.786	11.786	4.3	ng	91083	4	11.310	425434	20.0
n-Hexadecanoic ...	11.845	13.1	ng	279513	4	11.310	425434	20.0
Dodecane, 2-met...	12.010	3.1	ng	65680	4	11.310	425434	20.0
10,13-Octadecad...	12.392	18.3	ng	390197	4	11.310	425434	20.0
9-Octadecenoic ...	12.410	17.5	ng	372768	4	11.310	425434	20.0
Octadecanoic acid	12.633	3.7	ng	78244	4	11.310	425434	20.0
Tritetracontane	13.133	3.1	ng	55520	5	13.969	355766	20.0
Nonadecane	14.127	2.8	ng	50082	5	13.969	355766	20.0
Heptadecane	14.433	3.4	ng	60674	5	13.969	355766	20.0
unknown16.598	16.598	7.7	ng	151124	6	15.463	392305	20.0