LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020325\
Data File : BF141395.D
Acq On : 04 Feb 2025 03:01
Operator : RC/JU
Sample : Q1218-01 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BELL-25-002

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-BF012925.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF141395.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.804	284	291	297	rBV	708809	1200012	7.47%	0.525%
2	5.698	609	613	619	rVB	367824	491872	3.06%	0.215%
3	6.045	667	672	678	rBV2	376117	582412	3.62%	0.255%
4	6.298	711	715	717	rVV	376204	577527	3.59%	0.253%
5	6.328	717	720	727	rVV2	835096	1430317	8.90%	0.626%
6	6.392	727	731	733	rVV2	486837	731302	4.55%	0.320%
7	6.428	733	737	742	rVV	1768835	2569403	15.98%	1.124%
8	6.481	742	746	751	rVV2	358031	696150	4.33%	0.304%
9	6.540	751	756	767	rVV3	347969	1147734	7.14%	0.502%
10	6.640	767	773	779	rVB2	2405275	4078748	25.37%	1.784%
11	6.757	784	793	795	rBV4	241792	630289	3.92%	0.276%
12	6.810	795	802	807	rVB3	711232	1415935	8.81%	0.619%
13	6.857	807	810	814	rBV	512037	609067	3.79%	0.266%
14	6.945	822	825	829	rBV3	569909	738280	4.59%	0.323%
15	7.075	836	847	850	rBV2	1392227	2625943	16.34%	1.148%
16	7.116	850	854	856	rBV2	765779	1066683	6.64%	0.467%
17	7.192	862	867	871	rBV2	1455752	1958092	12.18%	0.856%
18	7.269	876	880	881	rBV	392560	433111	2.69%	0.189%
19	7.334	887	891	895	rBV2	1161080	1985225	12.35%	0.868%
20	7.404	898	903	907	rVB	3808744	5059560	31.48%	2.213%
21	7.451	907	911	914	rVB4	786072	1089664	6.78%	0.477%
22	7.516	914	922	925	rBV4	805347	2119908	13.19%	0.927%
23	7.604	934	937	941	rVB2	1032504	1406791	8.75%	0.615%
24	7.722	948	957	961	rVB6	2059886	6272810	39.02%	2.743%
25	7.769	961	965	968	rVB3	1109996	1559612	9.70%	0.682%
26	7.804	968	971	973	rBV3	1030963	1390758	8.65%	0.608%
27	7.881	981	984	986	rBV2	525716	544485	3.39%	0.238%
28	7.957	994	997	999	rBV	463290	523671	3.26%	0.229%
29	7.986	1000	1002	1006	rVB	906402	1095131	6.81%	0.479%
30	8.075	1006	1017	1021	rBV2	5455948	9603628	59.74%	4.200%
31	8.145	1025	1029	1033	rVV3	1749629	2795168	17.39%	1.222%
32	8.181	1033	1035	1042	rVB6	773623	1133806	7.05%	0.496%
33	8.257	1042	1048	1050	rBV4	592644	1238312	7.70%	0.542%
34	8.286	1050	1053	1056	rVB2	883255	1042156	6.48%	0.456%
35	8.381	1064	1069	1075	rBV7	1476785	2638262	16.41%	1.154%
36	8.434	1075	1078	1081	rBV2	900334	963235	5.99%	0.421%

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020325\
Data File : BF141395.D
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Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BELL-25-002

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-BF012925.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	8.469	1081	1084	1087	rVB3	1249038	1356716	8.44%	0.593%
38	8.510	1087	1091	1096	rBV	1543007	2226697	13.85%	0.974%
39	8.592	1101	1105	1109	rBV2	1881999	2504686	15.58%	1.095%
40	8.686	1116	1121	1125	rBV	4295990	6344519	39.47%	2.775%
41	8.745	1128	1131	1134	rVV	519714	661416	4.11%	0.289%
42	8.839	1144	1147	1149	rBV4	320571	421075	2.62%	0.184%
43	8.910	1155	1159	1164	rBV4	1227529	1675081	10.42%	0.733%
44	8.963	1165	1168	1171	rBV4	477112	693301	4.31%	0.303%
45	9.045	1179	1182	1185	rVB3	1073952	1425948	8.87%	0.624%
46	9.086	1185	1189	1190	rBV	681342	804574	5.01%	0.352%
47	9.110	1190	1193	1199	rVB2	1465039	2159323	13.43%	0.944%
48	9.251	1211	1217	1221	rBV	4427897	6581329	40.94%	2.878%
49	9.316	1225	1228	1234	rVB	873925	1293240	8.05%	0.566%
50	9.504	1252	1260	1265	rBV4	1710206	4136121	25.73%	1.809%
51	9.563	1265	1270	1273	rVV4	1948858	3505898	21.81%	1.533%
52	9.622	1277	1280	1284	rVB	907645	1082297	6.73%	0.473%
53	9.780	1302	1307	1310	rBV	3673402	5475635	34.06%	2.395%
54	10.010	1341	1346	1348	rBV2	809684	1430656	8.90%	0.626%
55	10.098	1357	1361	1364	rBV5	945464	1292477	8.04%	0.565%
56	10.280	1387	1392	1398	rBV	3359909	4563270	28.39%	1.996%
57	10.492	1423	1428	1434	rBV	1612487	2715228	16.89%	1.188%
58	10.580	1440	1443	1445	rBV2	427263	506153	3.15%	0.221%
59	10.610	1446	1448	1452	rVB	581668	599089	3.73%	0.262%
60	10.757	1467	1473	1481	rBV3	3565286	7504957	46.69%	3.282%
61	11.198	1544	1548	1551	rBV	2926257	3963920	24.66%	1.734%
62	11.227	1551	1553	1558	rVB	1400540	1636416	10.18%	0.716%
63	11.327	1567	1570	1574	rBV2	410547	584563	3.64%	0.256%
64	11.574	1609	1612	1616	rVB	336811	398010	2.48%	0.174%
65	11.622	1616	1620	1625	rBV	2364018	3212207	19.98%	1.405%
66	11.722	1633	1637	1642	rVB	3212734	4419756	27.50%	1.933%
67	12.027	1685	1689	1697	rVB	2113585	2808824	17.47%	1.228%
68	12.421	1749	1756	1759	rBV3	7502888	16074655	100.00%	7.030%
69	12.516	1768	1772	1776	rBV	1612056	2086168	12.98%	0.912%
70	12.557	1776	1779	1789	rVB3	963319	2268480	14.11%	0.992%
71	12.792	1815	1819	1828	rVB	1239201	1840206	11.45%	0.805%
72	12.869	1829	1832	1836	rBV	358950	497571	3.10%	0.218%
73	13.145	1875	1879	1886	rBV	963939	1619778	10.08%	0.708%
74	13.345	1906	1913	1917	rBV	988662	1775513	11.05%	0.777%
75	13.386	1917	1920	1924	rVB	313906	482093	3.00%	0.211%
76	13.486	1933	1937	1941	rBV	1274806	2168079	13.49%	0.948%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020325\
Data File : BF141395.D
Acq On : 04 Feb 2025 03:01
Operator : RC/JU
Sample : Q1218-01 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BELL-25-002

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-BF012925.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	13.539	1941	1946	1949	rVV	2386585	3768988	23.45%	1.648%
78	13.568	1949	1951	1956	rVB	877135	1000944	6.23%	0.438%
79	13.621	1957	1960	1963	rBV2	479257	698034	4.34%	0.305%
80	13.668	1963	1968	1972	rBV	1800715	3220666	20.04%	1.409%
81	13.716	1972	1976	1980	rVV2	1890957	3204107	19.93%	1.401%
82	13.968	2016	2019	2024	rVB	328615	420809	2.62%	0.184%
83	14.245	2063	2066	2069	rVB	661376	792537	4.93%	0.347%
84	14.292	2069	2074	2078	rBV2	906140	1715382	10.67%	0.750%
85	14.439	2094	2099	2104	rBV	1243495	2667249	16.59%	1.167%
86	14.498	2106	2109	2121	rVB	1217840	2729868	16.98%	1.194%
87	14.604	2121	2127	2137	rBV	2770256	6383652	39.71%	2.792%
88	14.763	2151	2154	2160	rVB	673894	1257023	7.82%	0.550%
89	14.815	2160	2163	2166	rBV	382351	504284	3.14%	0.221%
90	14.851	2166	2169	2177	rVB2	692916	1793552	11.16%	0.784%
91	15.027	2194	2199	2208	rVV	1080734	2655459	16.52%	1.161%
92	15.104	2209	2212	2227	rVB	805655	2229460	13.87%	0.975%
93	15.233	2228	2234	2244	rBV	2308786	6284060	39.09%	2.748%
94	15.421	2262	2266	2275	rVB	787292	1791709	11.15%	0.784%
95	15.533	2281	2285	2296	rVB	662199	1687738	10.50%	0.738%
96	15.762	2318	2324	2337	rVB	946851	2905566	18.08%	1.271%
97	15.874	2338	2343	2362	rVB	569690	1927922	11.99%	0.843%
98	16.039	2363	2371	2387	rBV	1511024	4902795	30.50%	2.144%
99	16.727	2482	2488	2504	rVB	237134	726329	4.52%	0.318%
100	17.109	2547	2553	2571	rBV	334936	1139621	7.09%	0.498%

Sum of corrected areas: 228648738

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020325\
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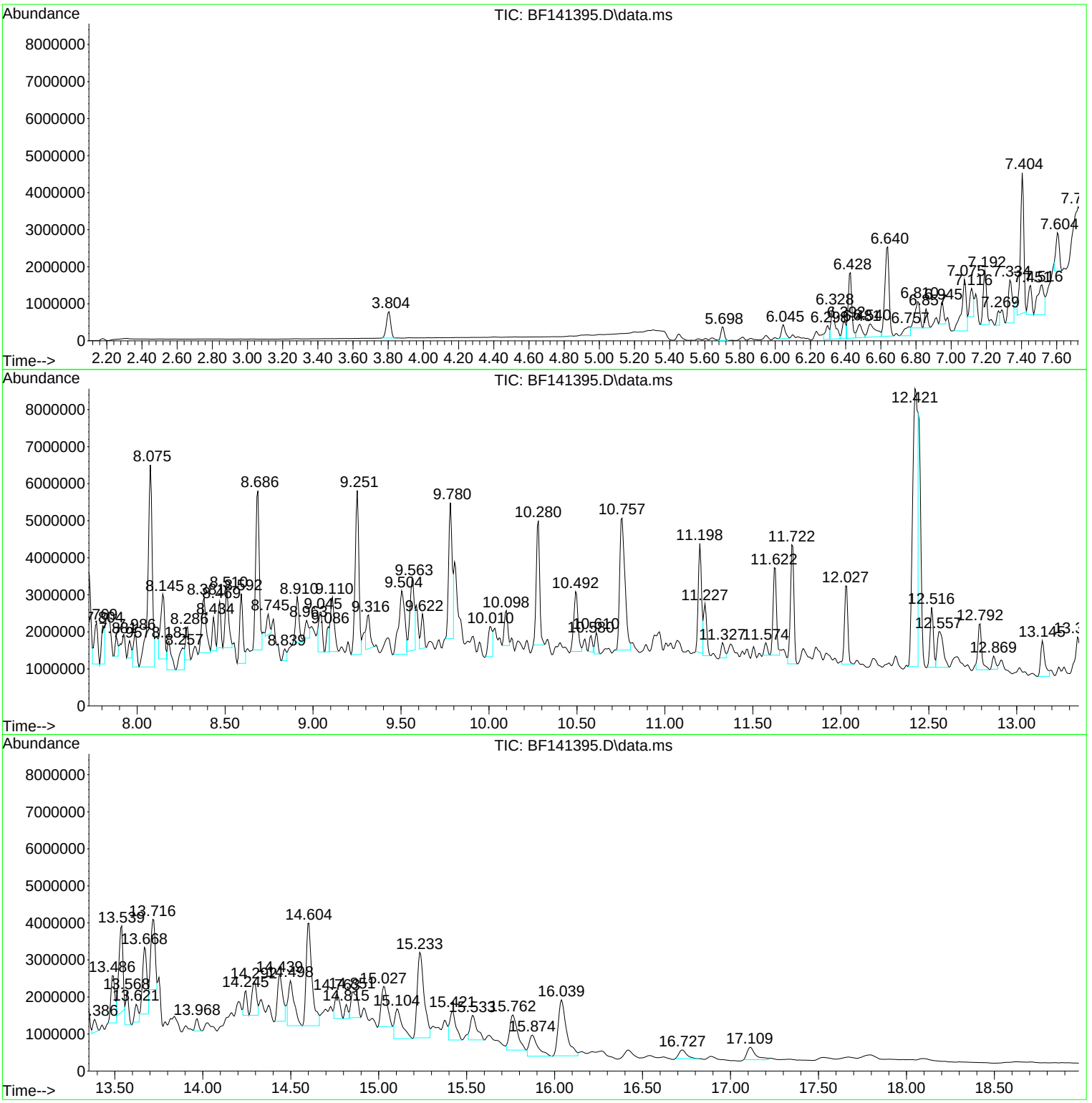
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BELL-25-002

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.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\BF020325\
Data File : BF141395.D
Acq On : 04 Feb 2025 03:01
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ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BELL-25-002

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.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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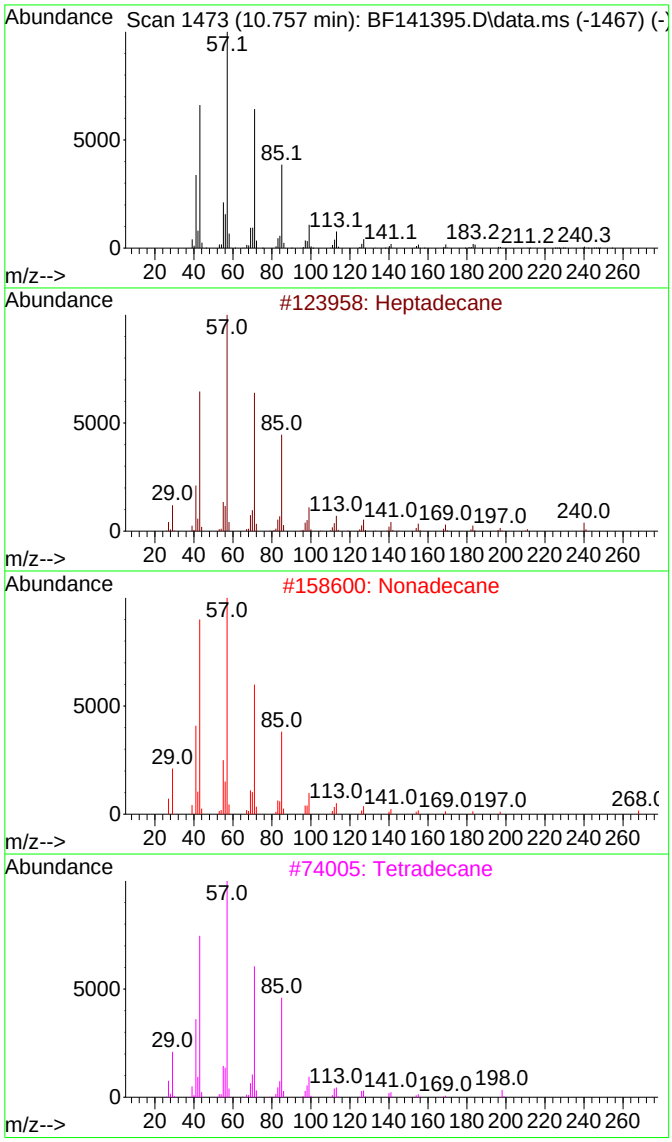
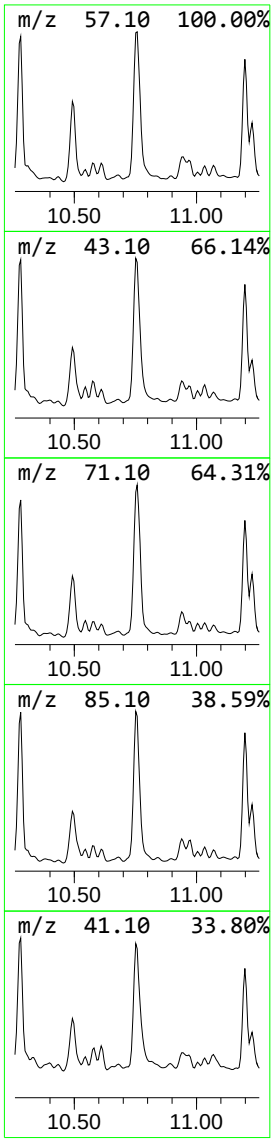
Peak Number 1 Heptadecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.757	256.77 ng	7504960	Phenanthrene-d10	11.327

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	95
2	Nonadecane	268	C19H40	000629-92-5	91
3	Tetradecane	198	C14H30	000629-59-4	90
4	Eicosane	282	C20H42	000112-95-8	90
5	Octacosane	394	C28H58	000630-02-4	86





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020325\
Data File : BF141395.D
Acq On : 04 Feb 2025 03:01
Operator : RC/JU
Sample : Q1218-01 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BELL-25-002

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.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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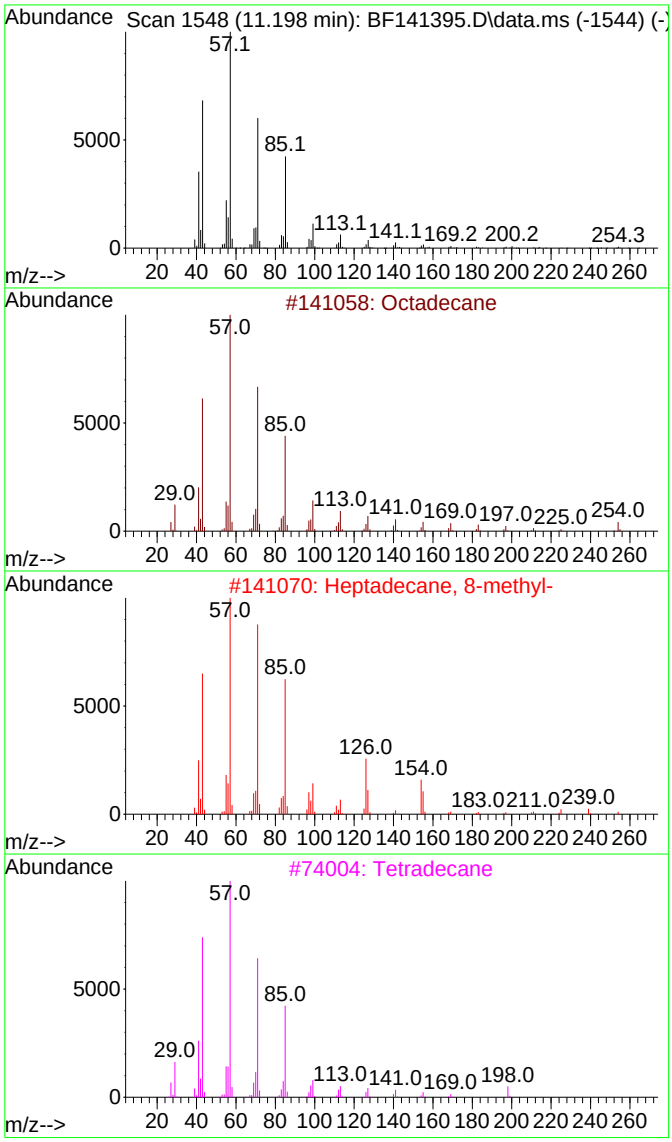
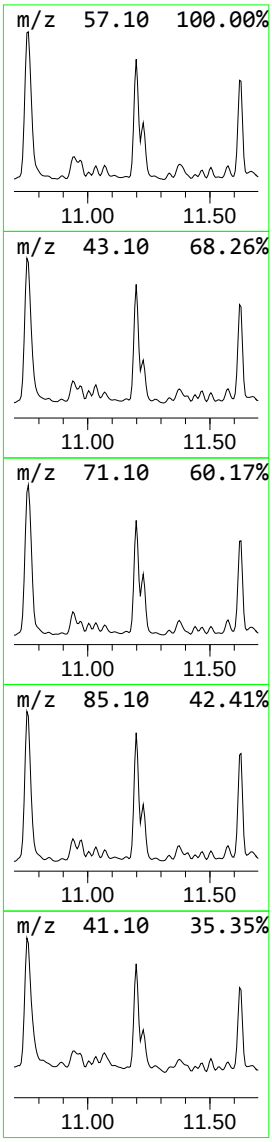
Peak Number 2 Octadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.198	135.62 ng	3963920	Phenanthrene-d10	11.327

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	97
2	Heptadecane, 8-methyl-	254	C18H38	013287-23-5	91
3	Tetradecane	198	C14H30	000629-59-4	91
4	Heneicosane	296	C21H44	000629-94-7	90
5	Hexadecane	226	C16H34	000544-76-3	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020325\
Data File : BF141395.D
Acq On : 04 Feb 2025 03:01
Operator : RC/JU
Sample : Q1218-01 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BELL-25-002

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.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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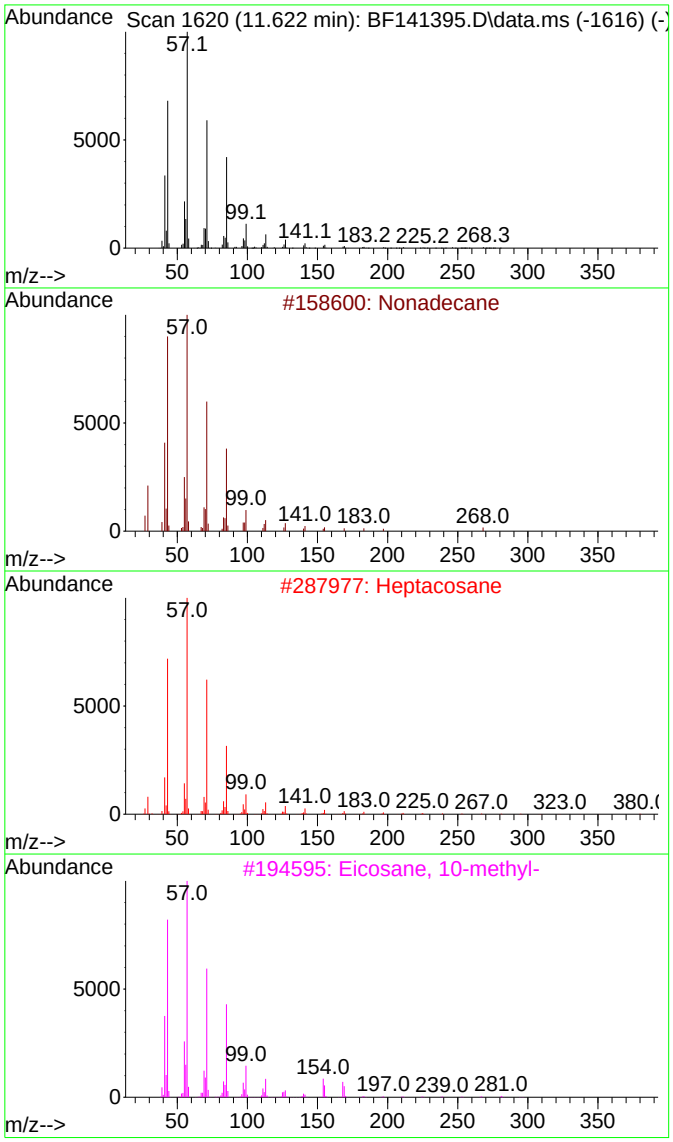
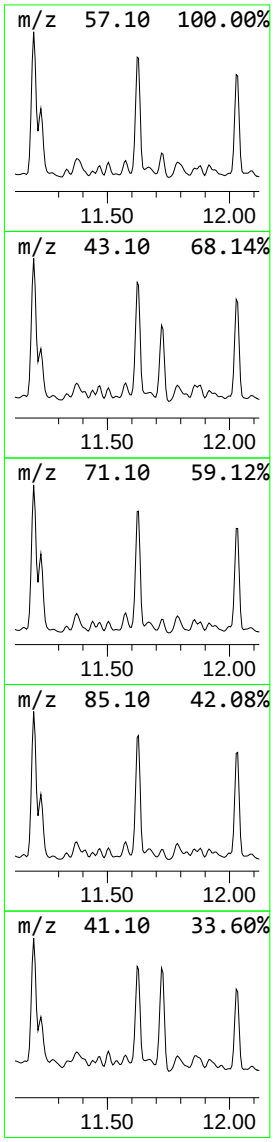
Peak Number 3 Nonadecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.621	109.90 ng	3212210	Phenanthrene-d10	11.327

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	Eicosane, 10-methyl-	296	C21H44	054833-23-7	90
4	Heneicosane	296	C21H44	000629-94-7	90
5	Hexadecane	226	C16H34	000544-76-3	90





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Data File : BF141395.D
Acq On : 04 Feb 2025 03:01
Operator : RC/JU
Sample : Q1218-01 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BELL-25-002

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.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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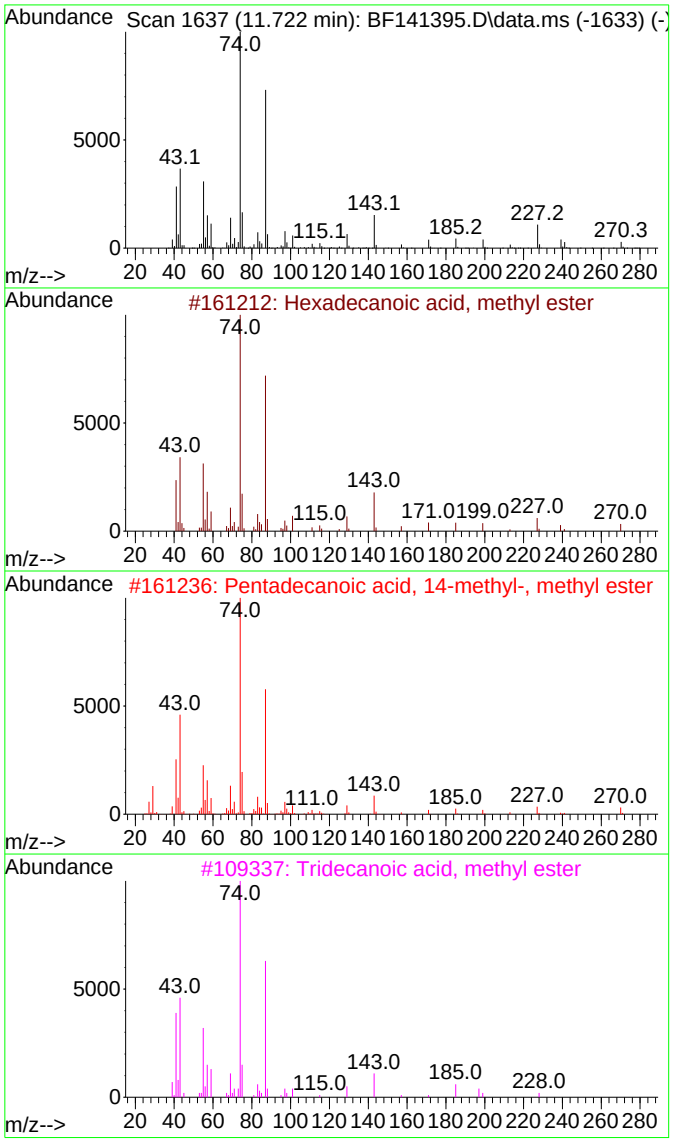
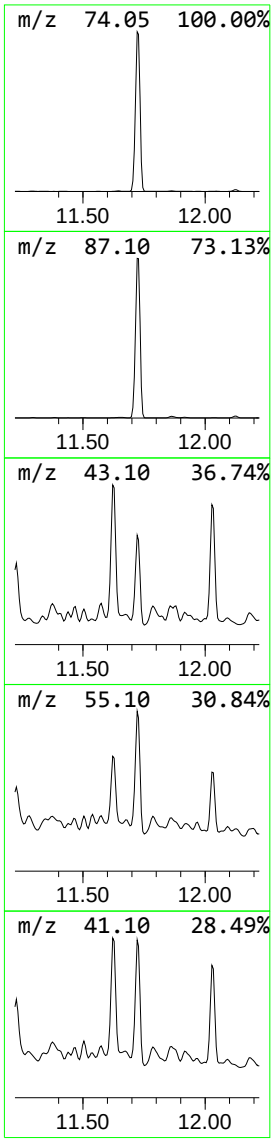
Peak Number 4 Hexadecanoic acid, methyl e... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.722	151.22 ng	4419760	Phenanthrene-d10	11.327

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	96
3	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	92
4	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	86
5	Methyl tetradecanoate	242	C15H30O2	000124-10-7	80





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020325\
Data File : BF141395.D
Acq On : 04 Feb 2025 03:01
Operator : RC/JU
Sample : Q1218-01 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BELL-25-002

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.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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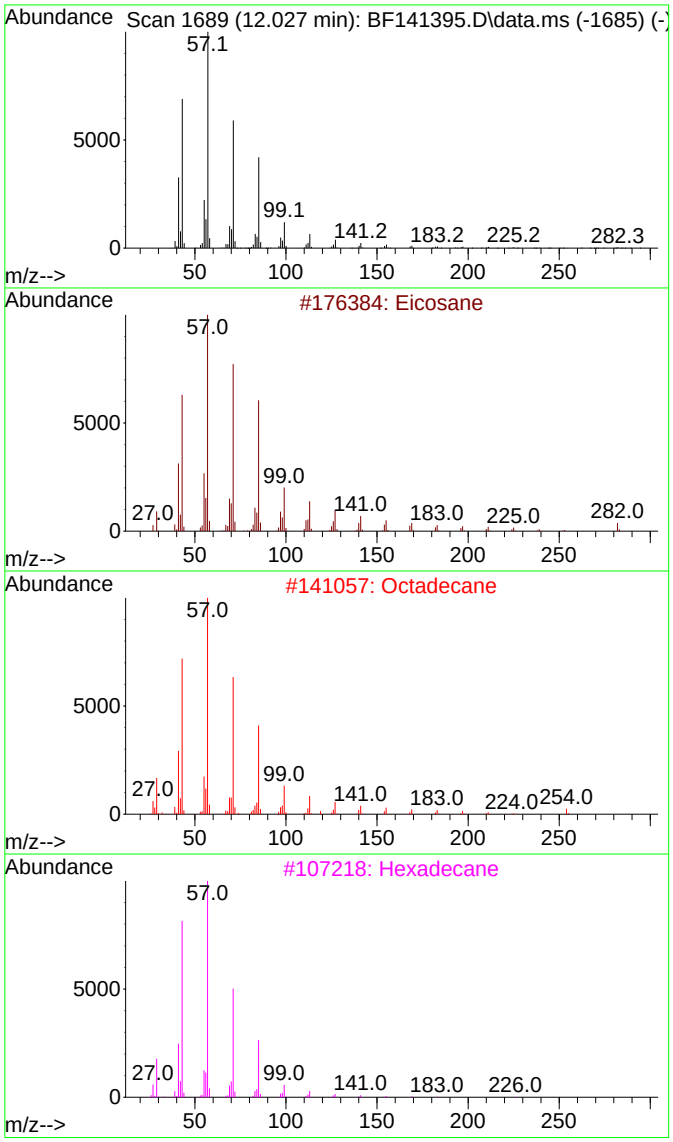
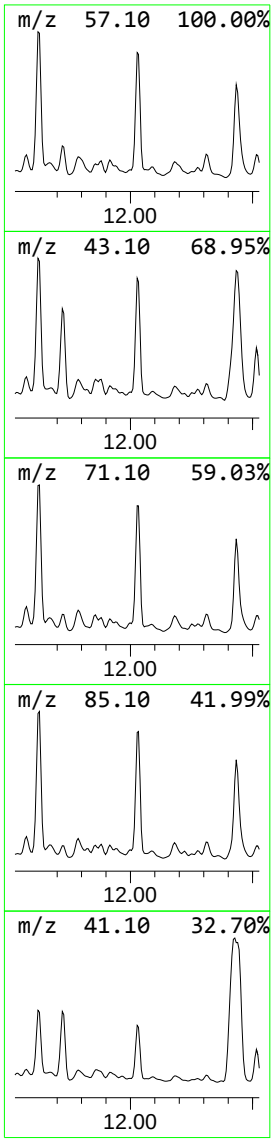
Peak Number 5 Eicosane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.027	96.10 ng	2808820	Phenanthrene-d10	11.327

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	94
2	Octadecane	254	C18H38	000593-45-3	94
3	Hexadecane	226	C16H34	000544-76-3	90
4	Heneicosane	296	C21H44	000629-94-7	90
5	Eicosane, 10-methyl-	296	C21H44	054833-23-7	90





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Acq On : 04 Feb 2025 03:01
Operator : RC/JU
Sample : Q1218-01 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
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ClientSampleId :
BELL-25-002

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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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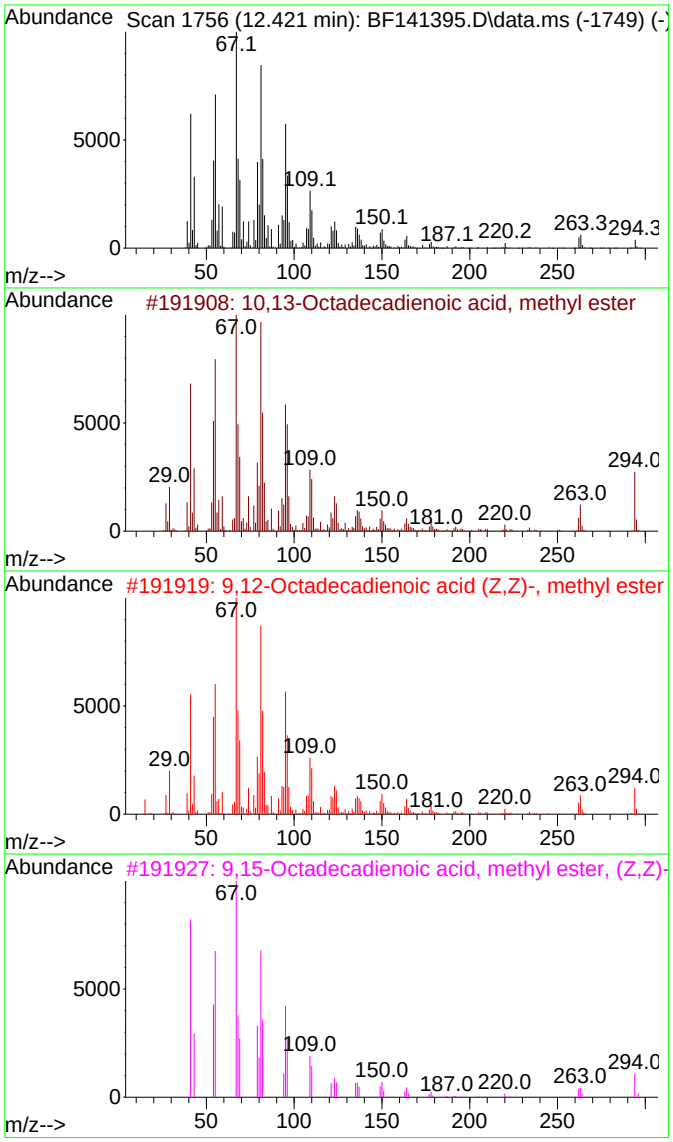
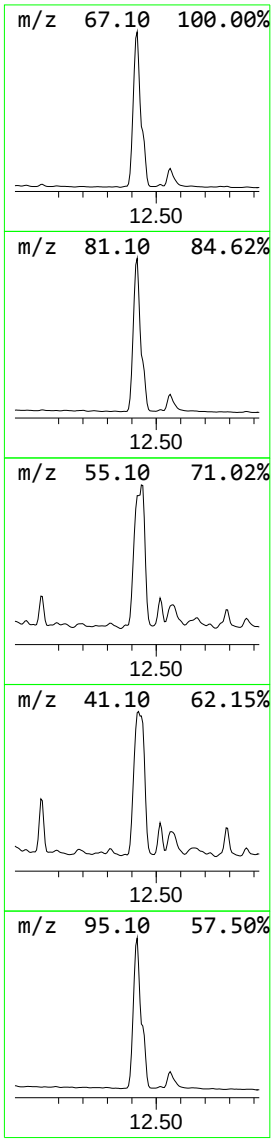
Peak Number 6 10,13-Octadecadienoic acid,... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.422	549.97 ng	16074700	Phenanthrene-d10	11.327

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	Methyl 9-cis,11-trans-octadecadi...	294	C19H34O2	013058-52-1	99





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Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
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ClientSampleId :
BELL-25-002

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.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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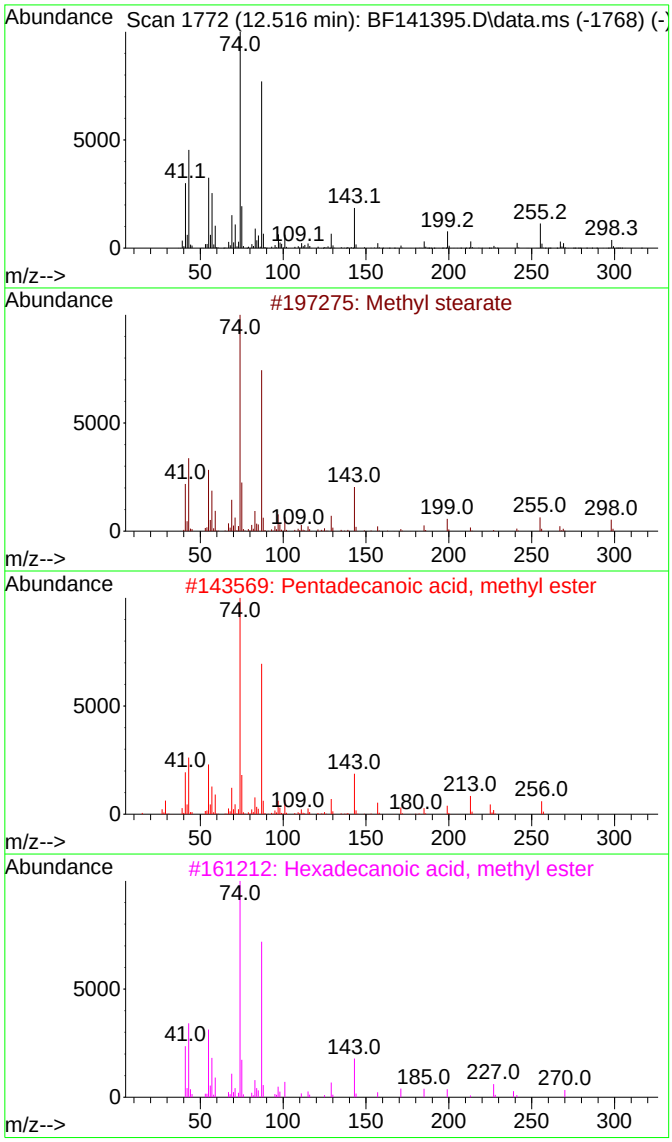
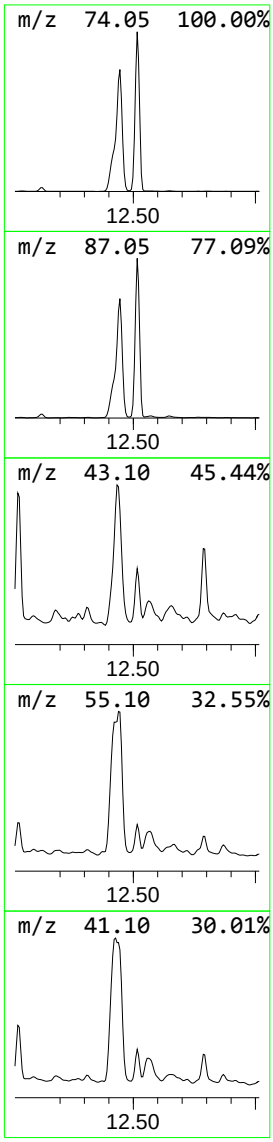
Peak Number 7 Methyl stearate Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.516	71.38 ng	2086170	Phenanthrene-d10	11.327

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl stearate	298	C19H38O2	000112-61-8	98
2	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	90
3	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	90
4	Heptadecanoic acid, methyl ester	284	C18H36O2	001731-92-6	90
5	Heptadecanoic acid, 16-methyl-, ...	298	C19H38O2	005129-61-3	87





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ALS Vial : 24 Sample Multiplier: 1

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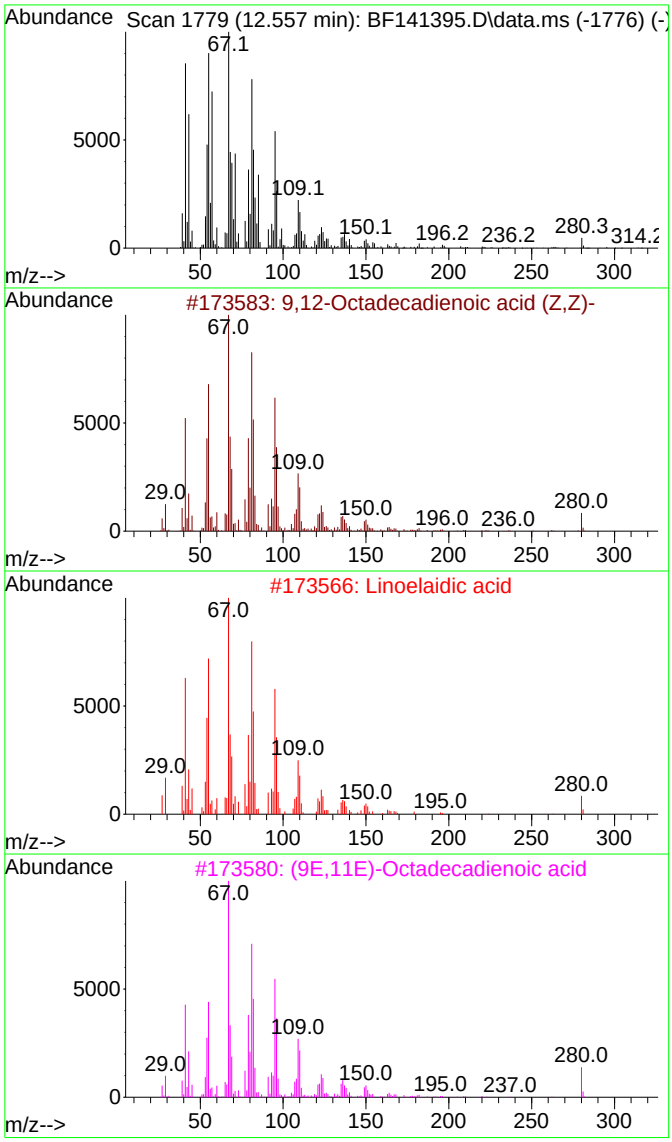
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

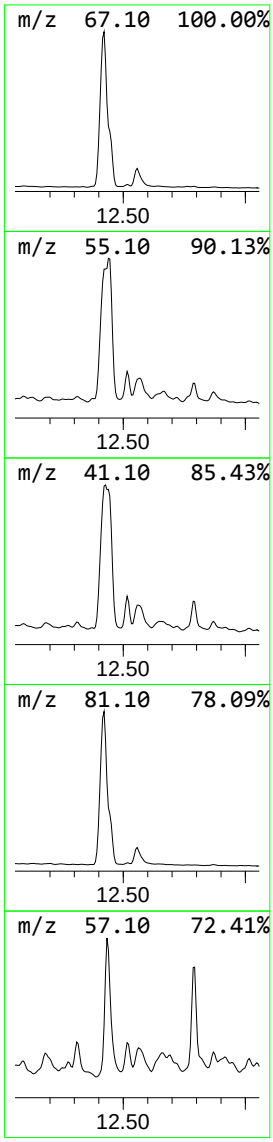
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 9,12-Octadecadienoic acid (... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.557	77.61 ng	2268480	Phenanthrene-d10	11.327

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid (Z,Z)-	280	C18H32O2	000060-33-3	99
2	Linoelaidic acid	280	C18H32O2	000506-21-8	99
3	(9E,11E)-Octadecadienoic acid	280	C18H32O2	000544-71-8	96
4	10E,12Z-Octadecadienoic acid	280	C18H32O2	002420-56-6	93
5	9,17-Octadecadienal, (Z)-	264	C18H32O	056554-35-9	91





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Sample : Q1218-01 5X
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ALS Vial : 24 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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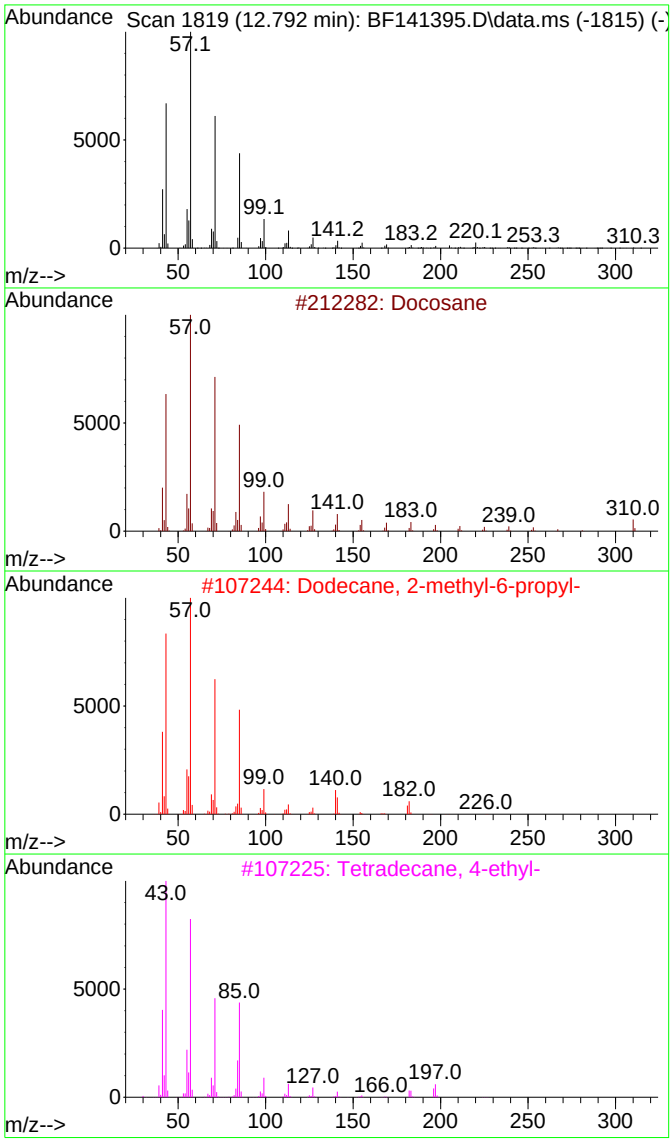
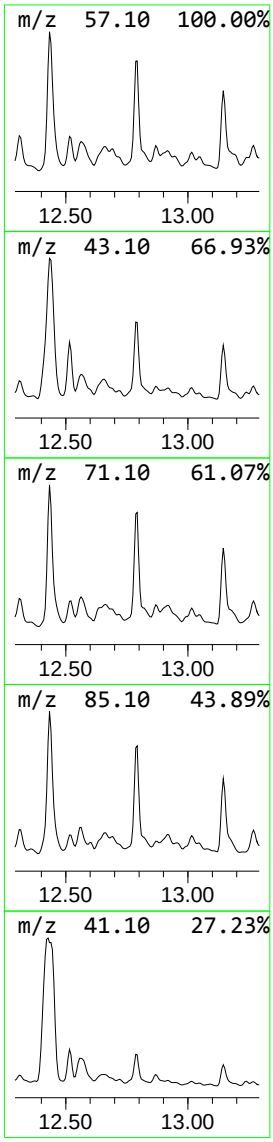
Peak Number 9 Docosane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.792	87.46 ng	1840210	Chrysene-d12	13.969

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosane	310	C22H46	000629-97-0	97
2	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	93
3	Tetradecane, 4-ethyl-	226	C16H34	055045-14-2	91
4	Heptacosane	380	C27H56	000593-49-7	91
5	Nonadecane	268	C19H40	000629-92-5	91





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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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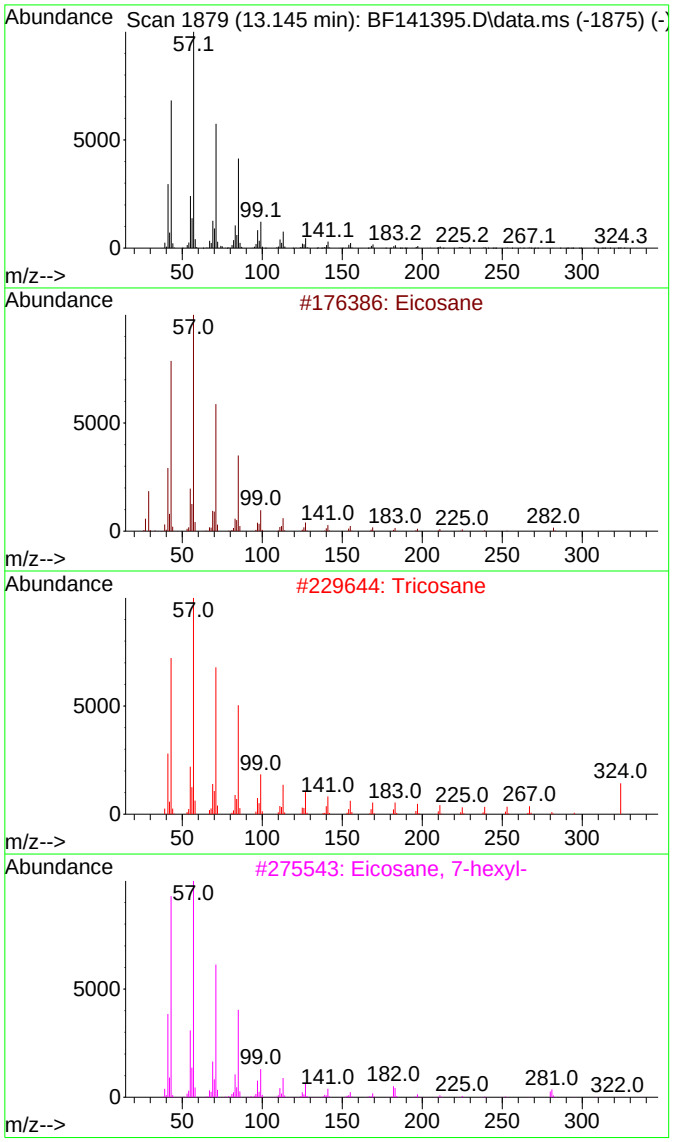
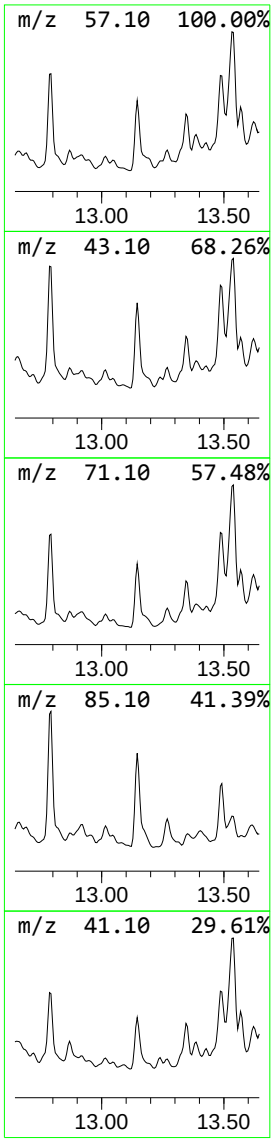
Peak Number 10 Tricosane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.145	76.98 ng	1619780	Chrysene-d12	13.969

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	96
2	Tricosane	324	C23H48	000638-67-5	95
3	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	91
4	Heptacosane	380	C27H56	000593-49-7	91
5	Hexacosane	366	C26H54	000630-01-3	91





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Misc :
ALS Vial : 24 Sample Multiplier: 1

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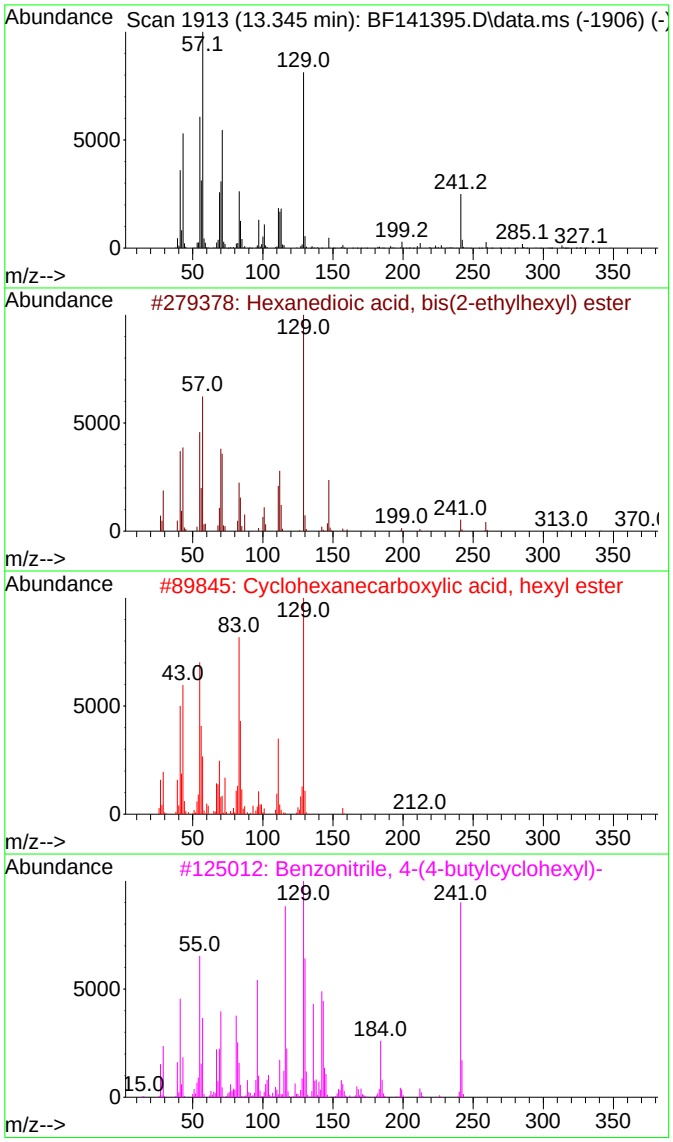
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

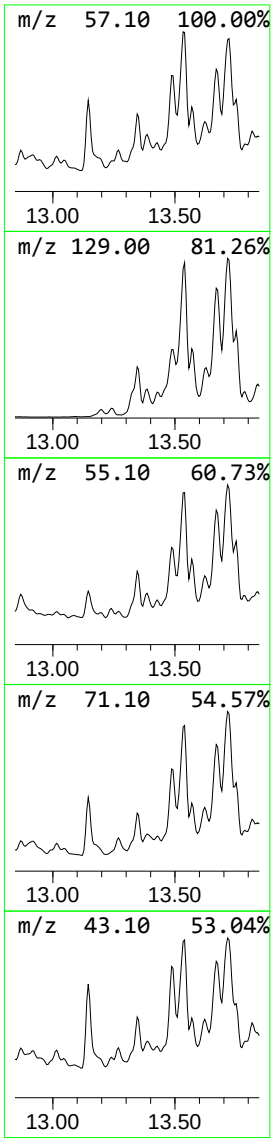
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Hexanedioic acid, bis(2-eth... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.345	84.39 ng	1775510	Chrysene-d12	13.969

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanedioic acid, bis(2-ethylhex...	370	C22H42O4	000103-23-1	53
2	Cyclohexanecarboxylic acid, hexy...	212	C13H24O2	027948-10-3	46
3	Benzonitrile, 4-(4-butylcyclohex...	241	C17H23N	062788-04-9	35
4	Malonic acid, 3-hexyl propyl ester	230	C12H22O4	1000349-11-8	35
5	2-(2-(2-Ethoxyethoxy)ethoxy)ethy...	262	C13H26O5	1010366-97-1	27





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Operator : RC/JU
Sample : Q1218-01 5X
Misc :
ALS Vial : 24 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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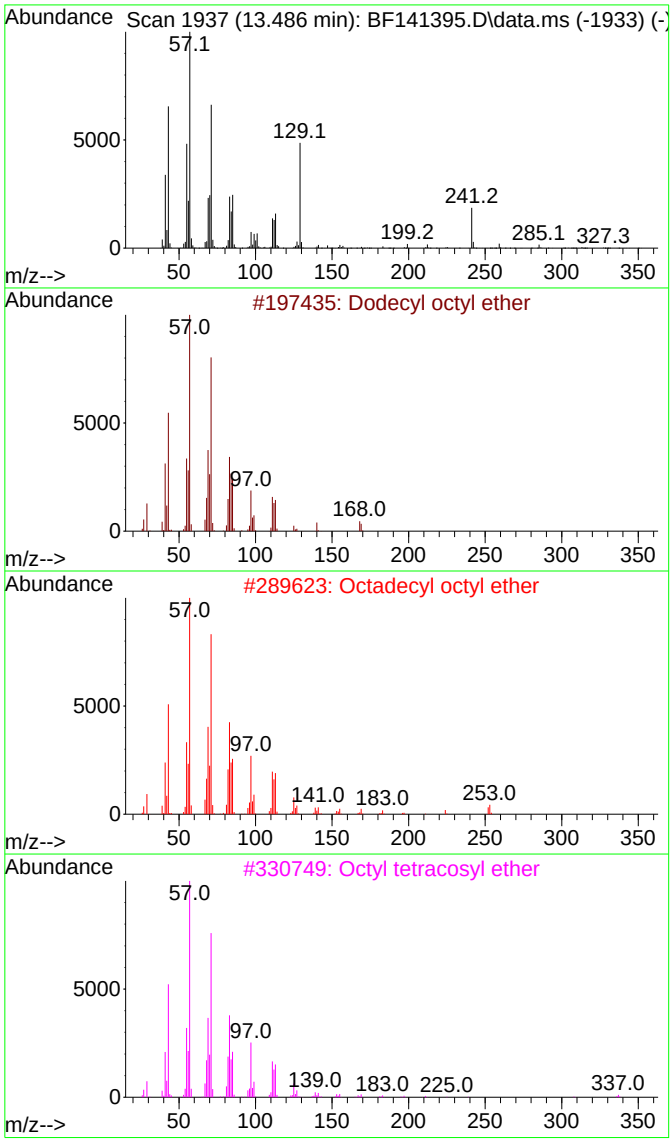
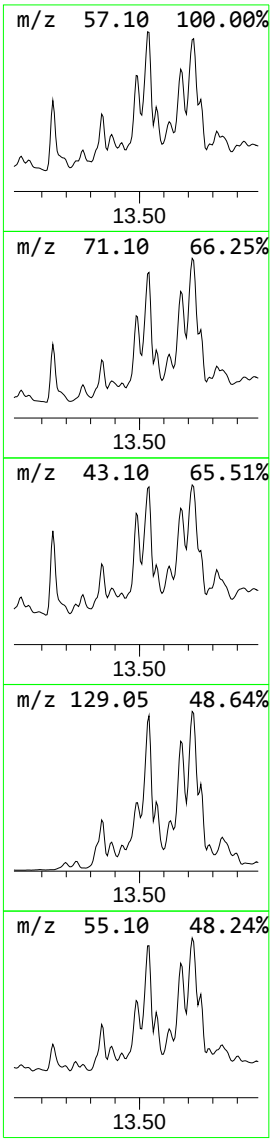
Peak Number 12 Dodecyl octyl ether Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.486	103.04 ng	2168080	Chrysene-d12	13.969

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecyl octyl ether	298	C20H42O	1000406-38-4	52
2	Octadecyl octyl ether	382	C26H54O	1000406-38-7	47
3	Octyl tetracosyl ether	467	C32H66O	1000406-39-0	43
4	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	43
5	Tridecane, 5-propyl-	226	C16H34	055045-11-9	41





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Misc :
ALS Vial : 24 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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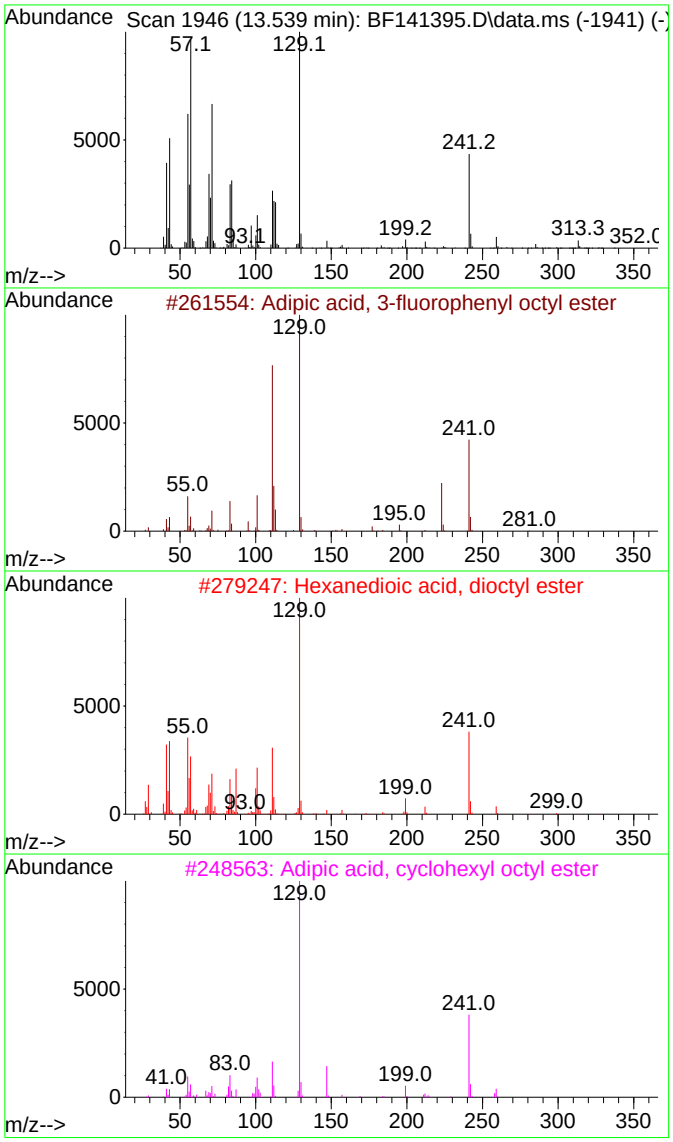
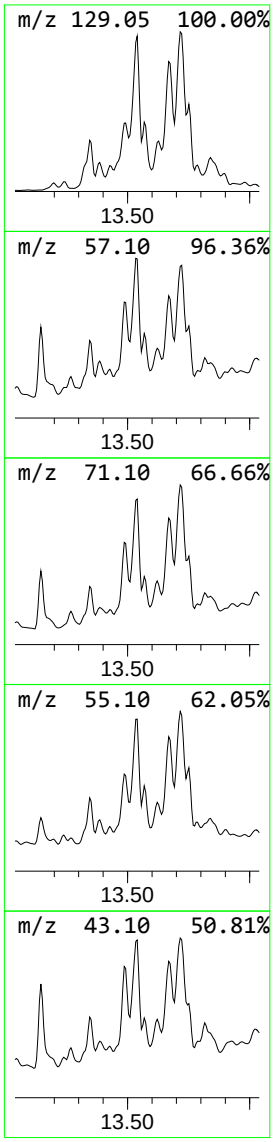
Peak Number 13 unknown13.539 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.539	179.13 ng	3768990	Chrysene-d12	13.969

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Adipic acid, 3-fluorophenyl octy...	352	C20H29FO4	1000324-81-0	47
2	Hexanedioic acid, dioctyl ester	370	C22H42O4	000123-79-5	47
3	Adipic acid, cyclohexyl octyl ester	340	C20H36O4	1000324-26-3	43
4	Adipic acid, octyl 2-octyl ester	370	C22H42O4	1000324-45-0	43
5	Adipic acid, isobutyl octyl ester	314	C18H34O4	1000324-09-8	38





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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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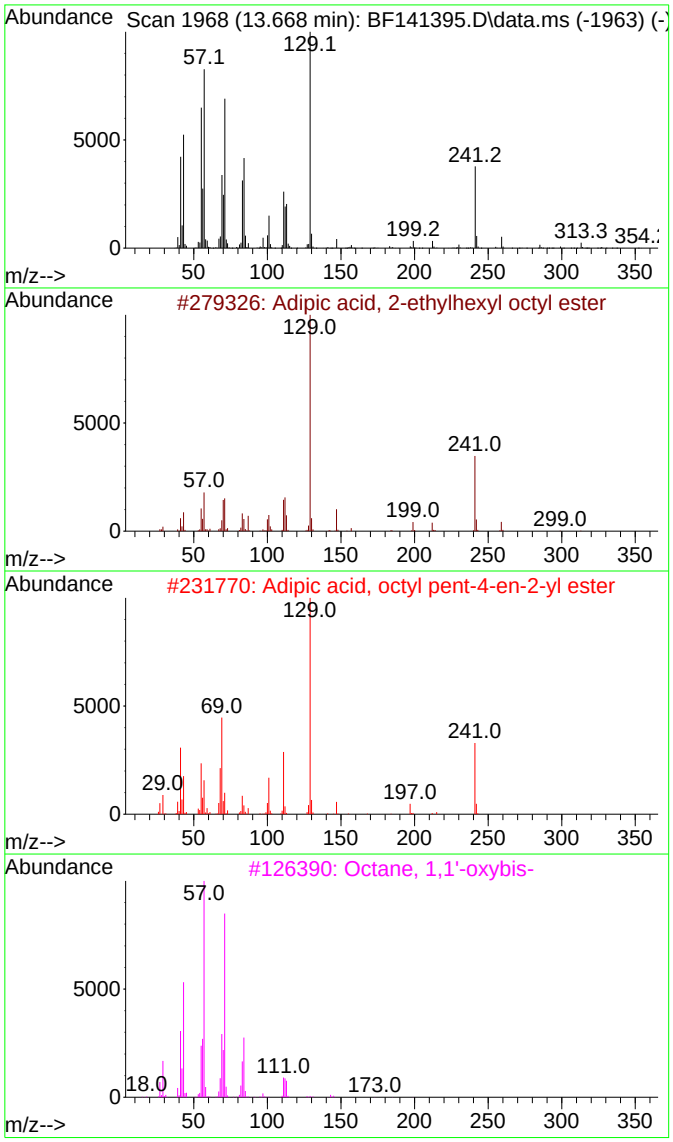
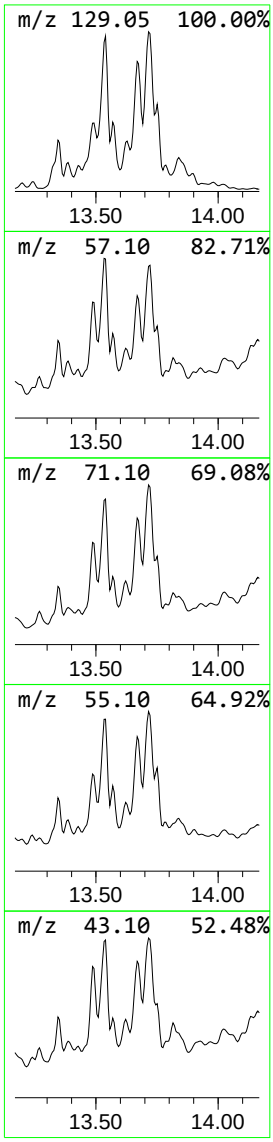
Peak Number 14 unknown13.669 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.669	153.07 ng	3220670	Chrysene-d12	13.969

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Adipic acid, 2-ethylhexyl octyl ...	370	C22H42O4	1000324-48-6	43
2	Adipic acid, octyl pent-4-en-2-y...	326	C19H34O4	1000354-12-4	38
3	Octane, 1,1'-oxybis-	242	C16H34O	000629-82-3	22
4	Carbonic acid, octyl vinyl ester	200	C11H20O3	1000383-25-5	22
5	Oxalic acid, 2-ethylhexyl octyl ...	314	C18H34O4	1000309-39-1	22





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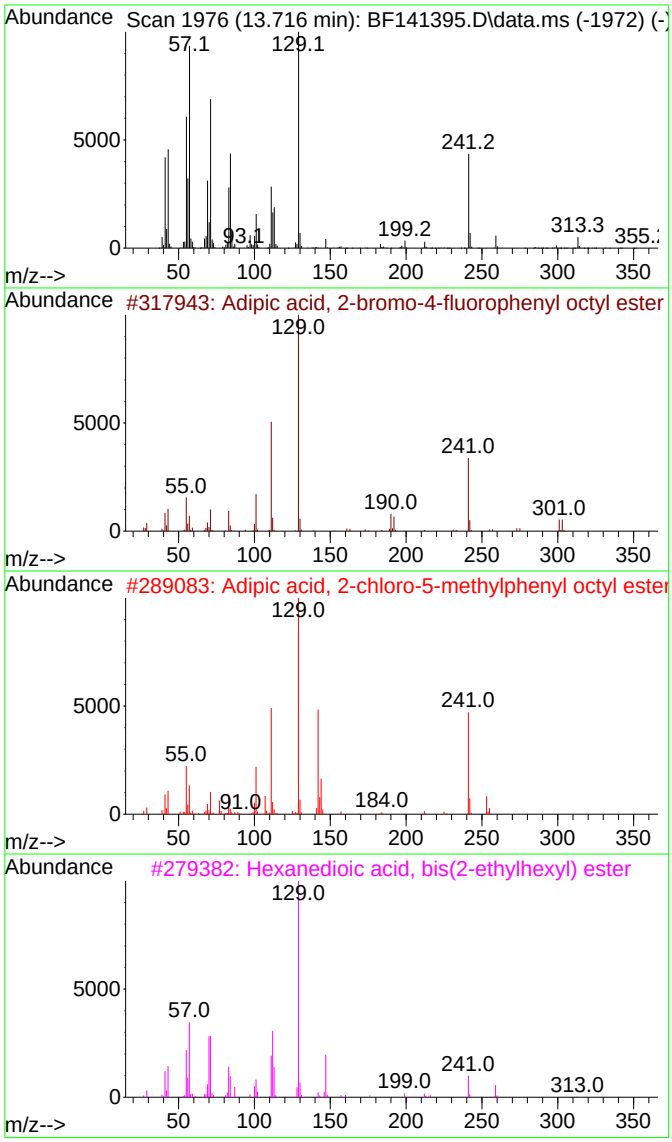
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

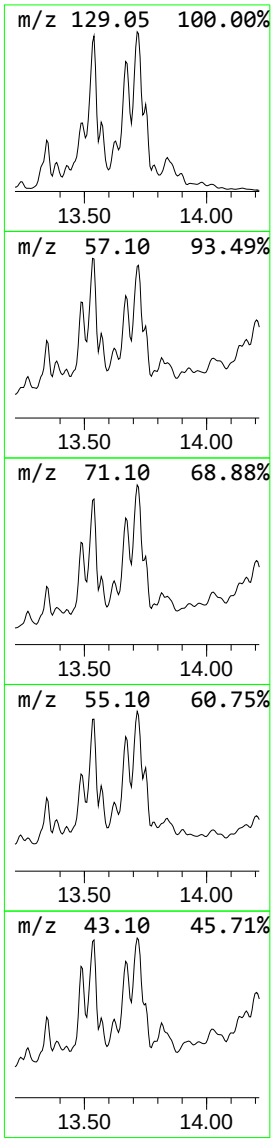
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Adipic acid, 2-bromo-4-fluo... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.716	152.28 ng	3204110	Chrysene-d12	13.969

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Adipic acid, 2-bromo-4-fluorophe...	430	C20H28BrFO4	1000324-50-3	50
2	Adipic acid, 2-chloro-5-methylph...	382	C21H31ClO4	1000353-96-3	50
3	Hexanedioic acid, bis(2-ethylhex...	370	C22H42O4	000103-23-1	43
4	Adipic acid, 3,3-dimethylbut-2-y...	300	C17H32O4	1000353-66-9	27
5	Adipic acid, di(2-methylbutyl) e...	286	C16H30O4	1000324-68-7	22





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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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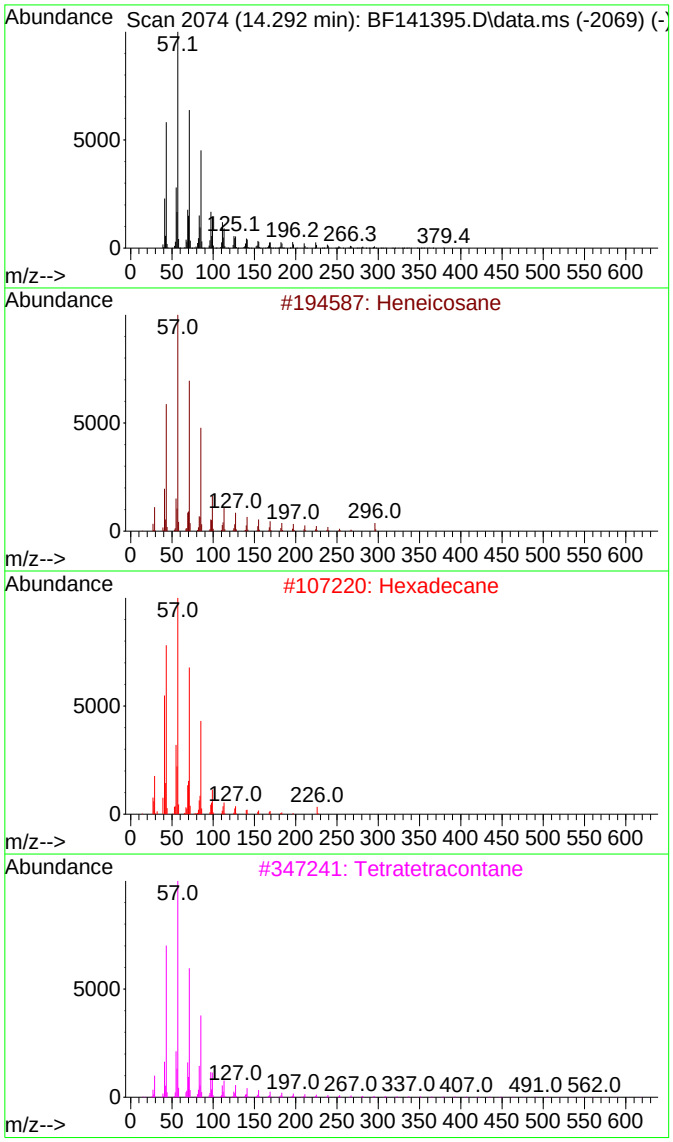
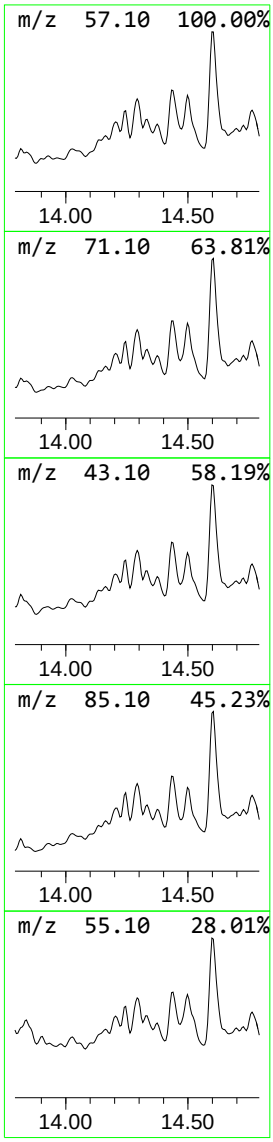
Peak Number 16 Heneicosane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.292	81.53 ng	1715380	Chrysene-d12	13.969

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	96
2	Hexadecane	226	C16H34	000544-76-3	91
3	Tetratetracontane	619	C44H90	007098-22-8	91
4	Octadecane, 5,14-dibutyl-	366	C26H54	055282-13-8	90
5	Hexacosane	366	C26H54	000630-01-3	90





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Operator : RC/JU
Sample : Q1218-01 5X
Misc :
ALS Vial : 24 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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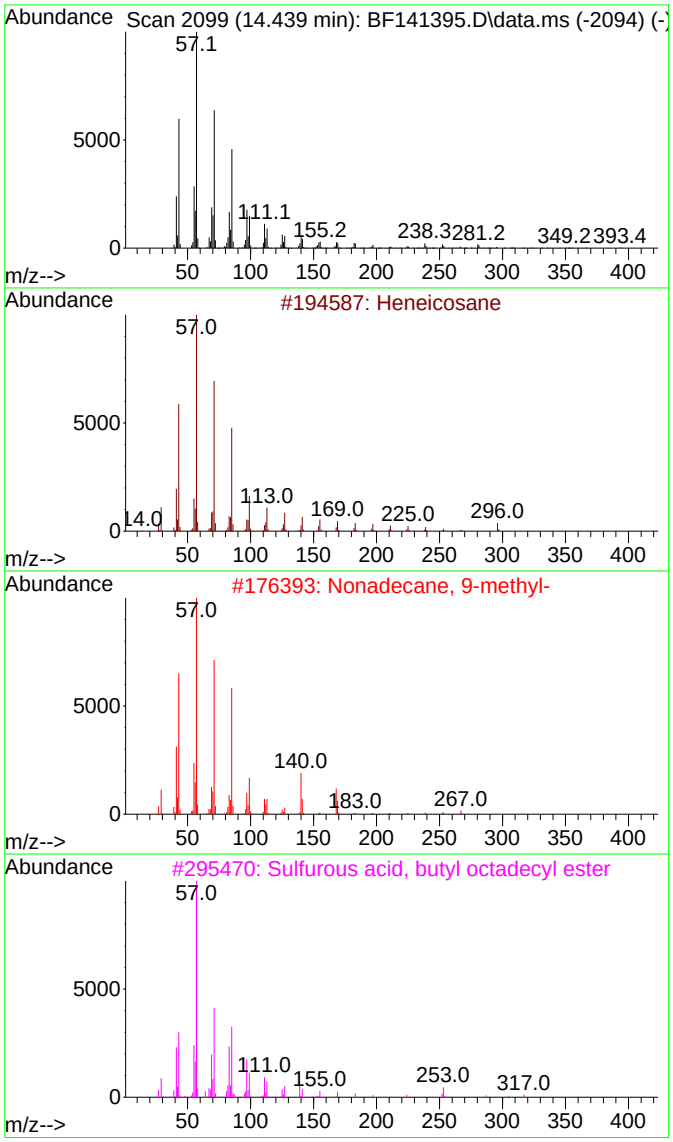
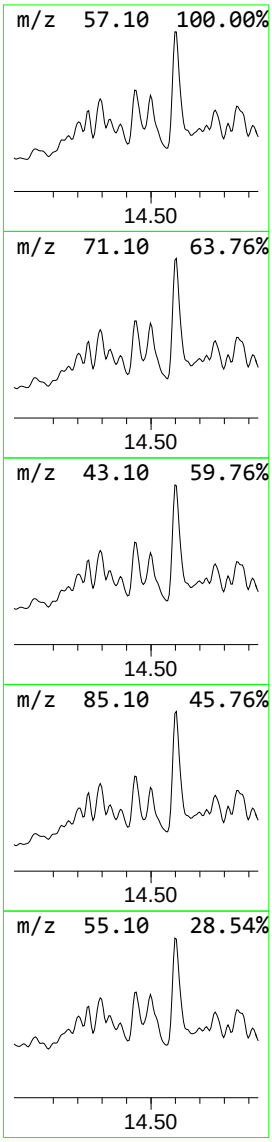
Peak Number 17 Nonadecane, 9-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.439	126.77 ng	2667250	Chrysene-d12	13.969

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	95
2	Nonadecane, 9-methyl-	282	C20H42	013287-24-6	93
3	Sulfurous acid, butyl octadecyl ...	390	C22H46O3S	1000309-18-5	91
4	Eicosane, 9-octyl-	394	C28H58	013475-77-9	90
5	Tetracosane	338	C24H50	000646-31-1	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020325\
Data File : BF141395.D
Acq On : 04 Feb 2025 03:01
Operator : RC/JU
Sample : Q1218-01 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BELL-25-002

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.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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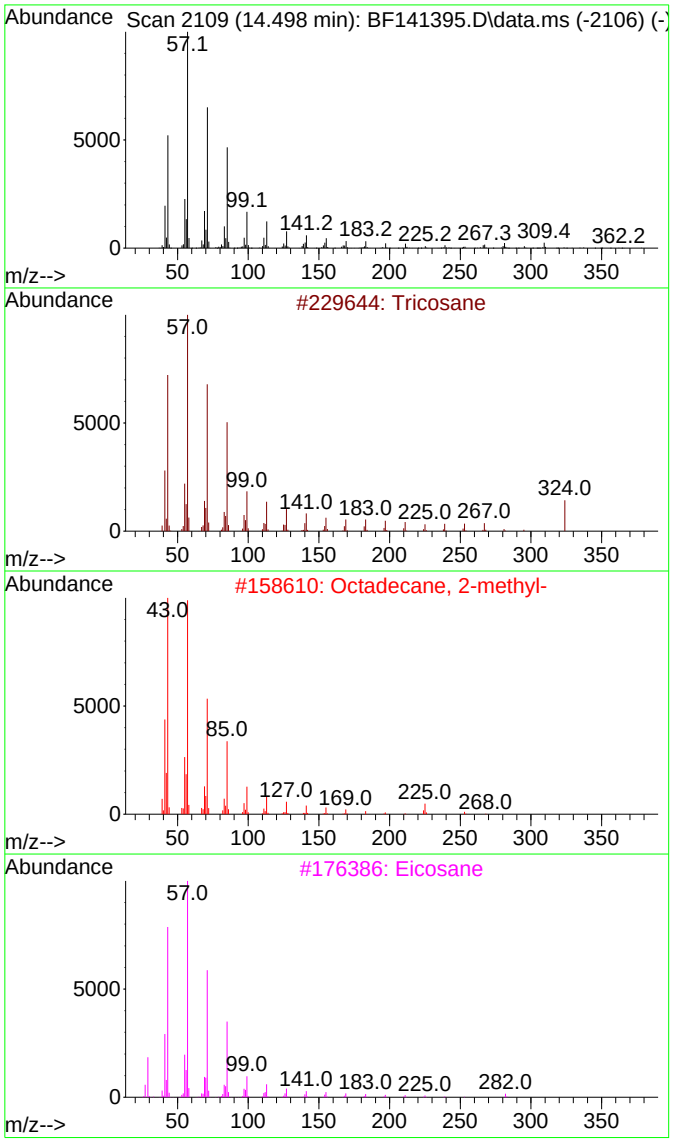
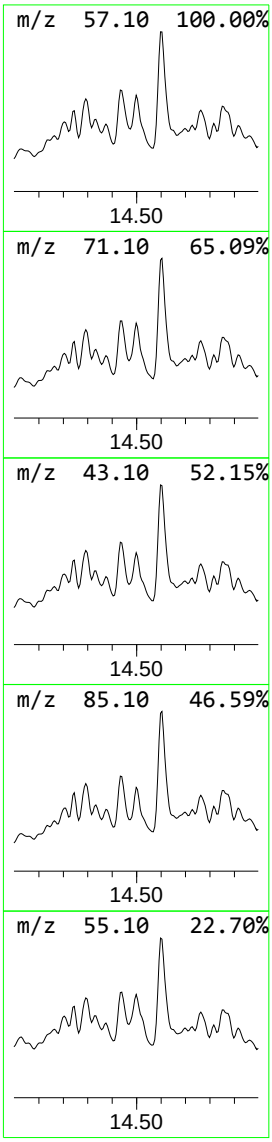
Peak Number 18 Octadecane, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.498	129.74 ng	2729870	Chrysene-d12	13.969

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tricosane	324	C23H48	000638-67-5	94
2	Octadecane, 2-methyl-	268	C19H40	001560-88-9	94
3	Eicosane	282	C20H42	000112-95-8	91
4	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
5	Heneicosane, 11-decyl-	437	C31H64	055320-06-4	91





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Data File : BF141395.D
Acq On : 04 Feb 2025 03:01
Operator : RC/JU
Sample : Q1218-01 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BELL-25-002

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.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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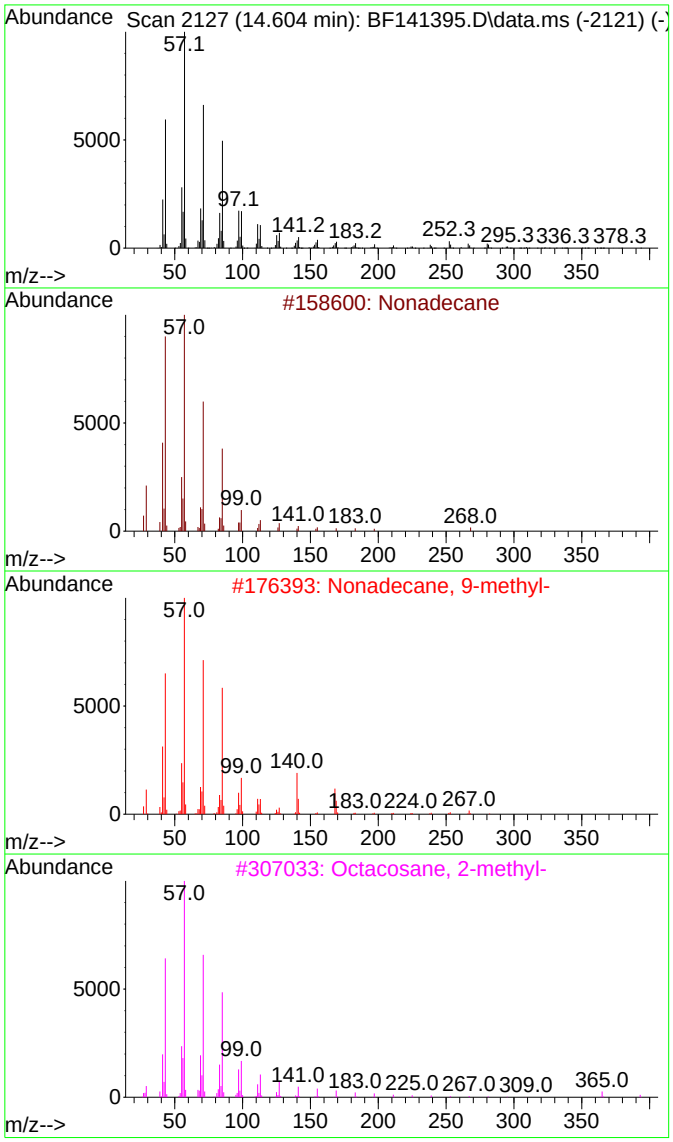
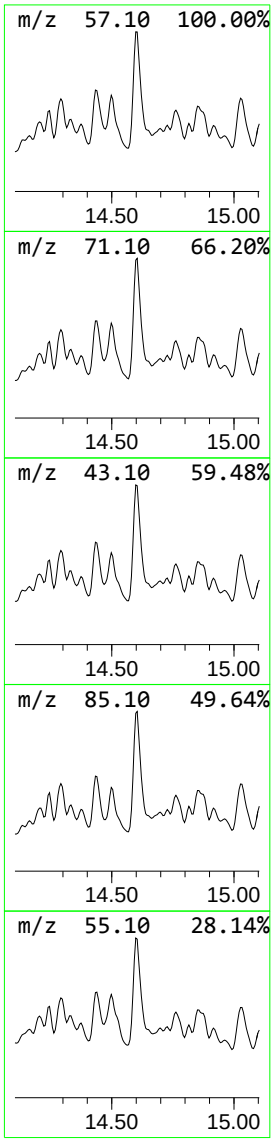
Peak Number 19 Hexacosane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.604	303.40 ng	6383650	Chrysene-d12	13.969

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	93
2	Nonadecane, 9-methyl-	282	C20H42	013287-24-6	93
3	Octacosane, 2-methyl-	408	C29H60	001560-98-1	91
4	Hexacosane	366	C26H54	000630-01-3	90
5	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020325\
Data File : BF141395.D
Acq On : 04 Feb 2025 03:01
Operator : RC/JU
Sample : Q1218-01 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BELL-25-002

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.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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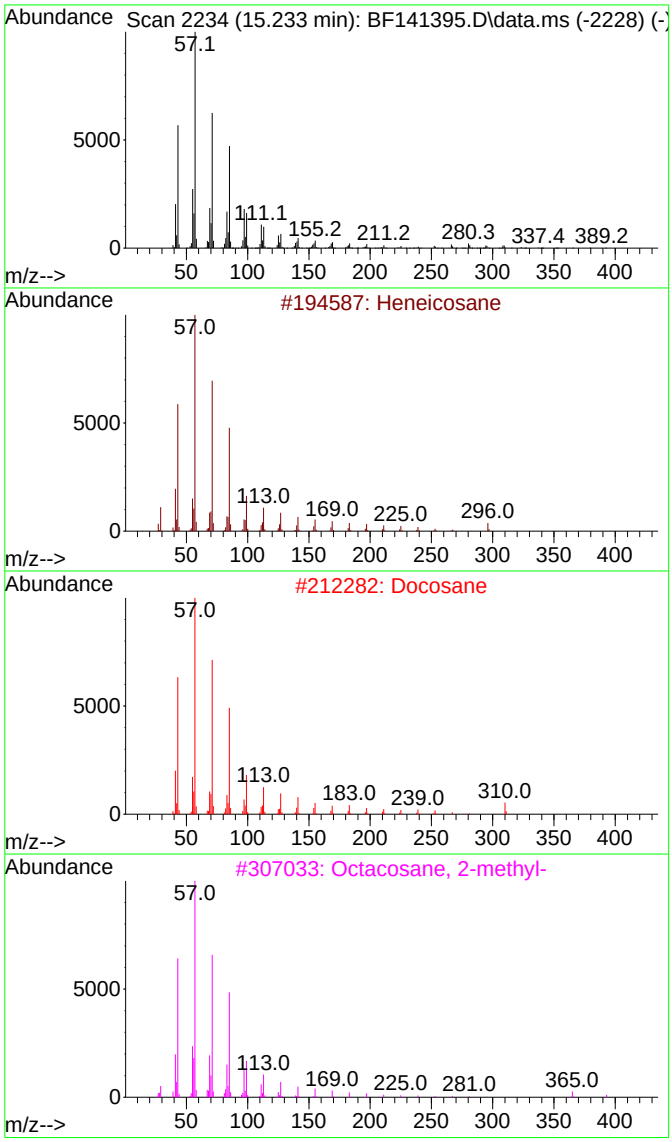
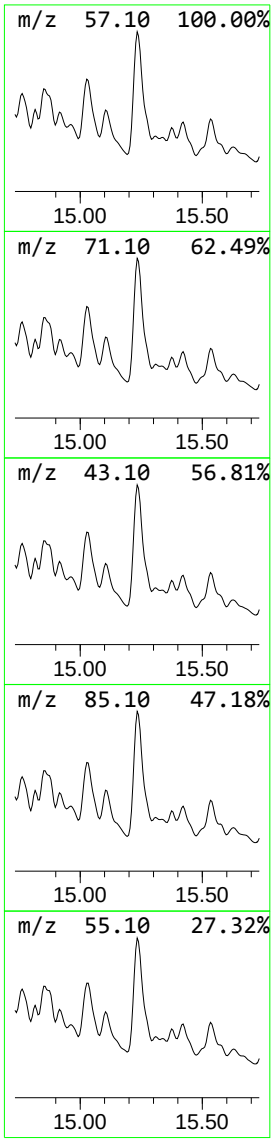
Peak Number 20 Tetratetracontane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.233	70.15 ng	6284060	Perylene-d12	15.415

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	97
2	Docosane	310	C22H46	000629-97-0	93
3	Octacosane, 2-methyl-	408	C29H60	001560-98-1	91
4	Tetratetracontane	619	C44H90	007098-22-8	91
5	Tridecane, 7-hexyl-	268	C19H40	007225-66-3	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020325\
Data File : BF141395.D
Acq On : 04 Feb 2025 03:01
Operator : RC/JU
Sample : Q1218-01 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BELL-25-002

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.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
Heptadecane	10.757	256.8	ng	7504960	4	11.327	584563	20.0
Octadecane	11.198	135.6	ng	3963920	4	11.327	584563	20.0
Nonadecane	11.621	109.9	ng	3212210	4	11.327	584563	20.0
Hexadecanoic ac...	11.722	151.2	ng	4419760	4	11.327	584563	20.0
Eicosane	12.027	96.1	ng	2808820	4	11.327	584563	20.0
10,13-Octadecad...	12.422	550.0	ng	16074700	4	11.327	584563	20.0
Methyl stearate	12.516	71.4	ng	2086170	4	11.327	584563	20.0
9,12-Octadecadi...	12.557	77.6	ng	2268480	4	11.327	584563	20.0
Docosane	12.792	87.5	ng	1840210	5	13.969	420809	20.0
Tricosane	13.145	77.0	ng	1619780	5	13.969	420809	20.0
Hexanedioic aci...	13.345	84.4	ng	1775510	5	13.969	420809	20.0
Dodecyl octyl e...	13.486	103.0	ng	2168080	5	13.969	420809	20.0
unknown13.539	13.539	179.1	ng	3768990	5	13.969	420809	20.0
unknown13.669	13.669	153.1	ng	3220670	5	13.969	420809	20.0
Adipic acid, 2-...	13.716	152.3	ng	3204110	5	13.969	420809	20.0
Heneicosane	14.292	81.5	ng	1715380	5	13.969	420809	20.0
Nonadecane, 9-m...	14.439	126.8	ng	2667250	5	13.969	420809	20.0
Octadecane, 2-m...	14.498	129.7	ng	2729870	5	13.969	420809	20.0
Hexacosane	14.604	303.4	ng	6383650	5	13.969	420809	20.0
Tetratetracontane	15.233	70.2	ng	6284060	6	15.415	1791710	20.0