LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102623\
Data File : BF135975.D
Acq On : 26 Oct 2023 21:28
Operator : CG\JU
Sample : 05012-01 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BU-03-10232023

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-BF102523.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF135975.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.040	497	502	509	rVB	269778	267356	1.23%	0.257%
2	5.446	563	571	574	rBV	1521869	1407737	6.45%	1.356%
3	6.446	733	741	744	rBV	1606678	1305456	5.98%	1.257%
4	6.828	802	806	809	rBV	1070029	945758	4.34%	0.911%
5	7.381	897	900	903	rVB	1032409	734041	3.37%	0.707%
6	8.104	1018	1023	1025	rVV2	1526048	1743712	7.99%	1.679%
7	8.128	1025	1027	1030	rVV	1486295	1127246	5.17%	1.086%
8	8.169	1032	1034	1037	rVB2	247870	218764	1.00%	0.211%
9	8.398	1068	1073	1076	rVV4	239238	337630	1.55%	0.325%
10	8.487	1086	1088	1091	rBV2	303433	282014	1.29%	0.272%
11	8.534	1091	1096	1098	rVV	414924	403558	1.85%	0.389%
12	8.610	1106	1109	1112	rBV2	369449	306120	1.40%	0.295%
13	8.704	1121	1125	1128	rBV	1573365	1222417	5.60%	1.177%
14	8.763	1133	1135	1138	rVV	225446	229074	1.05%	0.221%
15	8.816	1143	1144	1148	rVB	281042	218271	1.00%	0.210%
16	8.928	1157	1163	1166	rBV2	429324	601966	2.76%	0.580%
17	9.069	1185	1187	1190	rVB2	419522	308906	1.42%	0.297%
18	9.134	1195	1198	1203	rVV3	606890	607789	2.79%	0.585%
19	9.181	1203	1206	1211	rVB	1681636	1333467	6.11%	1.284%
20	9.269	1216	1221	1225	rBV	1894038	1959416	8.98%	1.887%
21	9.316	1226	1229	1230	rVV2	185793	223724	1.03%	0.215%
22	9.334	1230	1232	1234	rVV	379018	350548	1.61%	0.338%
23	9.498	1257	1260	1262	rBV3	242049	260547	1.19%	0.251%
24	9.522	1262	1264	1266	rVV2	426589	423689	1.94%	0.408%
25	9.545	1266	1268	1271	rVV2	426396	351057	1.61%	0.338%
26	9.592	1271	1276	1278	rVV3	817735	1004900	4.61%	0.968%
27	9.616	1278	1280	1282	rVV2	499375	450109	2.06%	0.433%
28	9.651	1282	1286	1288	rVB3	446070	460022	2.11%	0.443%
29	9.804	1309	1312	1315	rVB	2334503	1710896	7.84%	1.648%
30	9.845	1316	1319	1320	rBV3	329235	347512	1.59%	0.335%
31	9.863	1320	1322	1325	rVB	1338614	992052	4.55%	0.955%
32	9.892	1325	1327	1331	rBV	420345	395674	1.81%	0.381%
33	10.039	1348	1352	1354	rBV2	254106	400368	1.84%	0.386%
34	10.063	1354	1356	1359	rVB2	457069	426430	1.95%	0.411%
35	10.128	1364	1367	1370	rVB2	421651	437660	2.01%	0.421%
36	10.304	1394	1397	1400	rVV	2160332	1646491	7.55%	1.586%

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102623\
Data File : BF135975.D
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Sample : 05012-01 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BU-03-10232023

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-BF102523.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	10.357	1404	1406	1412	rVB5	186715	239243	1.10%	0.230%
38	10.410	1412	1415	1417	rBV	384950	352224	1.61%	0.339%
39	10.528	1428	1435	1437	rBV	764776	925592	4.24%	0.891%
40	10.575	1440	1443	1446	rVB3	212365	260026	1.19%	0.250%
41	10.610	1446	1449	1452	rBV2	263672	263748	1.21%	0.254%
42	10.651	1452	1456	1460	rVB2	898387	877935	4.02%	0.845%
43	10.781	1475	1478	1486	rBV	1987059	2209399	10.13%	2.128%
44	11.104	1531	1533	1538	rVV3	184812	287013	1.32%	0.276%
45	11.233	1552	1555	1557	rVV	1630986	1385732	6.35%	1.334%
46	11.263	1557	1560	1565	rVB2	640349	712876	3.27%	0.686%
47	11.357	1572	1576	1577	rBV	993271	894446	4.10%	0.861%
48	11.380	1577	1580	1583	rVV	2298385	1882263	8.63%	1.813%
49	11.428	1583	1588	1590	rVV2	395663	407276	1.87%	0.392%
50	11.663	1624	1628	1630	rBV	1376198	1109931	5.09%	1.069%
51	11.769	1641	1646	1649	rVB	7537819	7754609	35.55%	7.468%
52	11.857	1659	1661	1664	rVV	254718	276331	1.27%	0.266%
53	11.910	1664	1670	1676	rVV2	1179321	1786809	8.19%	1.721%
54	11.969	1676	1680	1683	rVV2	463128	618725	2.84%	0.596%
55	11.992	1683	1684	1690	rVB3	283726	275387	1.26%	0.265%
56	12.075	1694	1698	1703	rVB	1167472	1161418	5.32%	1.118%
57	12.169	1711	1714	1717	rVB3	186370	249194	1.14%	0.240%
58	12.410	1752	1755	1759	rBV3	213816	258267	1.18%	0.249%
59	12.486	1759	1768	1769	rBV2	8763885	21813587	100.00%	21.006%
60	12.569	1779	1782	1786	rBV2	5605659	6569217	30.12%	6.326%
61	12.616	1786	1790	1791	rVV	2910294	3608859	16.54%	3.475%
62	12.633	1791	1793	1799	rVV	2674698	2807615	12.87%	2.704%
63	12.698	1801	1804	1808	rVB3	389062	393179	1.80%	0.379%
64	12.810	1817	1823	1826	rBV	2630661	2838787	13.01%	2.734%
65	12.839	1826	1828	1831	rVV	806858	618214	2.83%	0.595%
66	12.957	1840	1848	1854	rBV	1626067	1856605	8.51%	1.788%
67	13.139	1876	1879	1882	rBV	312630	371788	1.70%	0.358%
68	13.198	1886	1889	1894	rBV2	811981	1093238	5.01%	1.053%
69	13.239	1894	1896	1899	rVB2	258903	237489	1.09%	0.229%
70	13.292	1903	1905	1908	rVB	597754	487754	2.24%	0.470%
71	13.333	1909	1912	1915	rBV	330807	373635	1.71%	0.360%
72	13.369	1915	1918	1921	rVV	189724	284627	1.30%	0.274%
73	13.404	1921	1924	1927	rVV4	276538	330079	1.51%	0.318%
74	13.451	1929	1932	1936	rVB3	311413	356997	1.64%	0.344%
75	13.545	1945	1948	1951	rVB	463446	363765	1.67%	0.350%
76	13.639	1962	1964	1969	rVB2	171836	239109	1.10%	0.230%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102623\
Data File : BF135975.D
Acq On : 26 Oct 2023 21:28
Operator : CG\JU
Sample : 05012-01 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BU-03-10232023

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-BF102523.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	13.722	1974	1978	1981	rVV3	233734	315966	1.45%	0.304%
78	13.757	1981	1984	1987	rVB2	270202	277721	1.27%	0.267%
79	13.874	2002	2004	2008	rVB	318003	268979	1.23%	0.259%
80	13.969	2017	2020	2022	rBV	590063	509120	2.33%	0.490%
81	14.004	2022	2026	2030	rVV2	1500983	2185068	10.02%	2.104%
82	14.039	2030	2032	2034	rVB	1075104	806157	3.70%	0.776%
83	14.192	2056	2058	2062	rVB2	280548	264109	1.21%	0.254%
84	14.504	2107	2111	2113	rBV3	191777	242321	1.11%	0.233%
85	14.592	2124	2126	2130	rVB3	234994	245868	1.13%	0.237%
86	15.063	2202	2206	2209	rBV	776727	1167238	5.35%	1.124%
87	15.168	2221	2224	2231	rVB	302173	353692	1.62%	0.341%
88	15.368	2255	2258	2264	rVB	484814	600921	2.75%	0.579%
89	15.433	2265	2269	2276	rVB	698320	825588	3.78%	0.795%
90	15.498	2276	2280	2283	rBV	496684	584852	2.68%	0.563%
91	17.010	2532	2537	2545	rVB3	265226	542958	2.49%	0.523%
92	17.462	2610	2614	2621	rVB	209311	376268	1.72%	0.362%

Sum of corrected areas: 103842191

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Misc :
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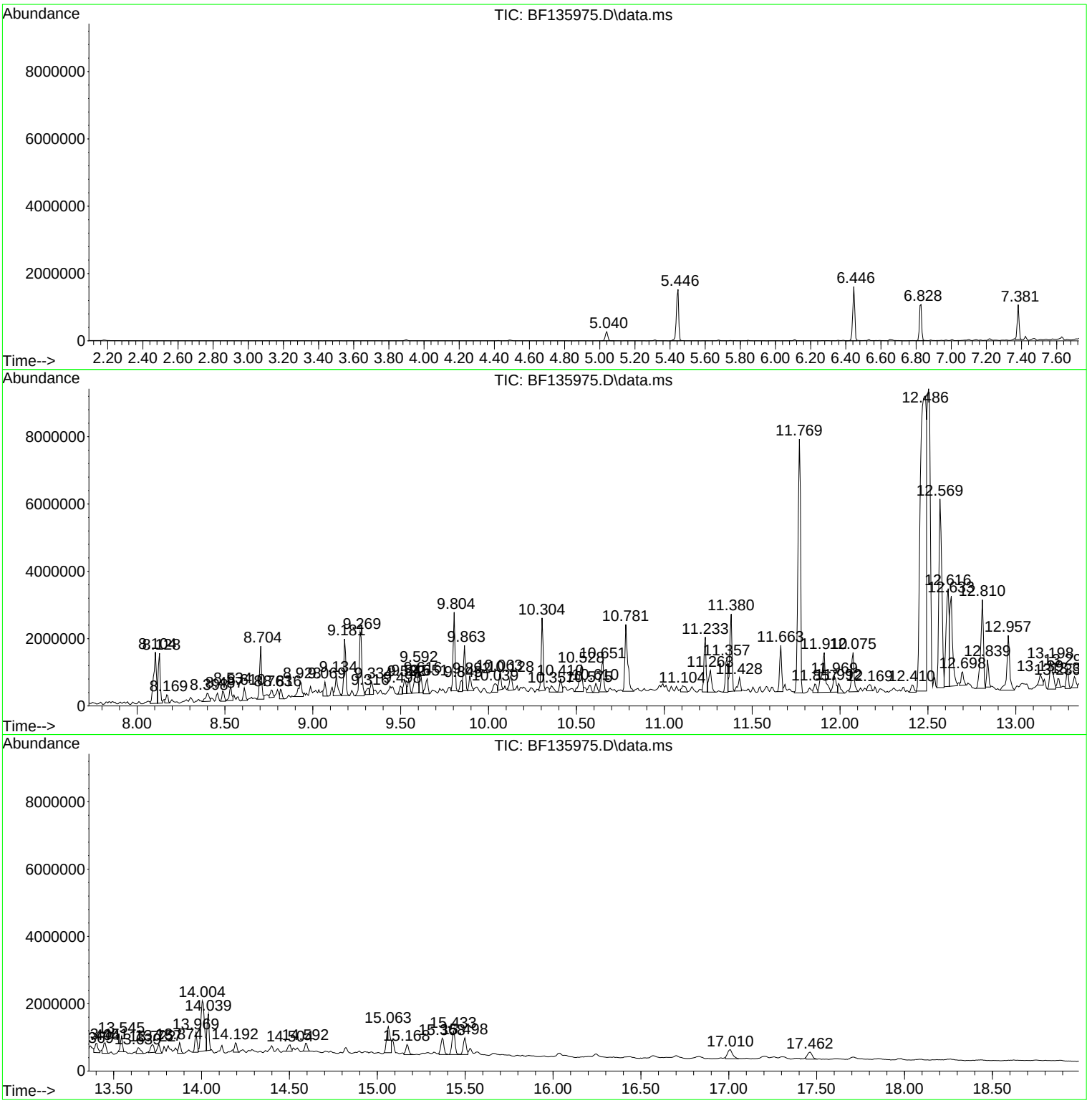
Instrument :
BNA_F
ClientSampleId :
BU-03-10232023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102523.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\BF102623\
Data File : BF135975.D
Acq On : 26 Oct 2023 21:28
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ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

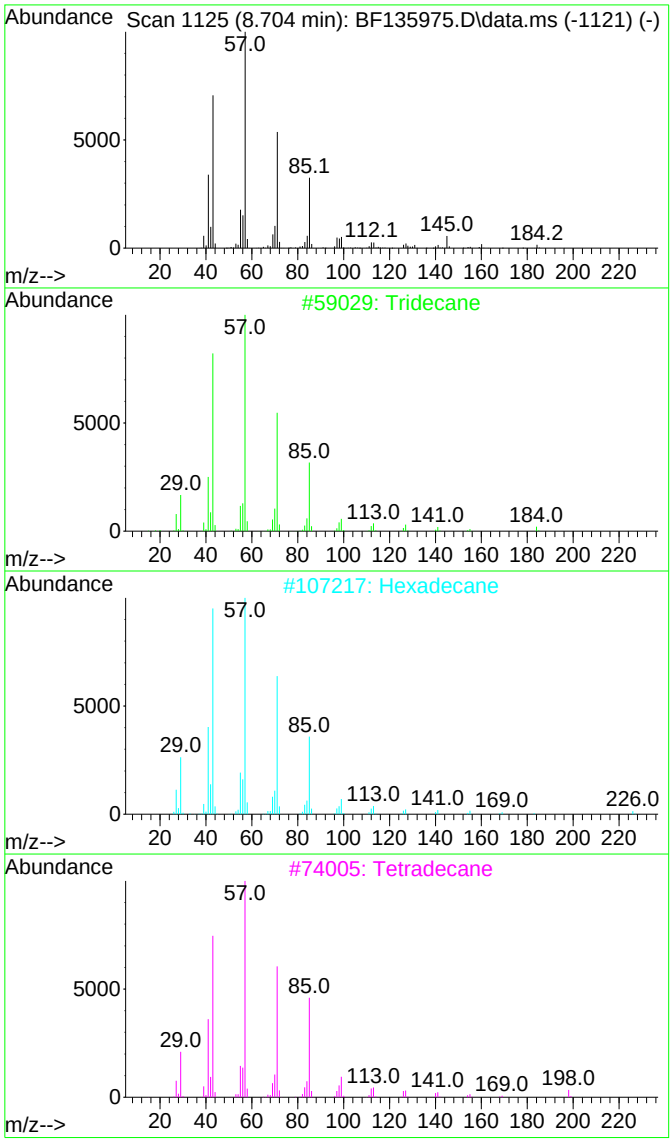
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

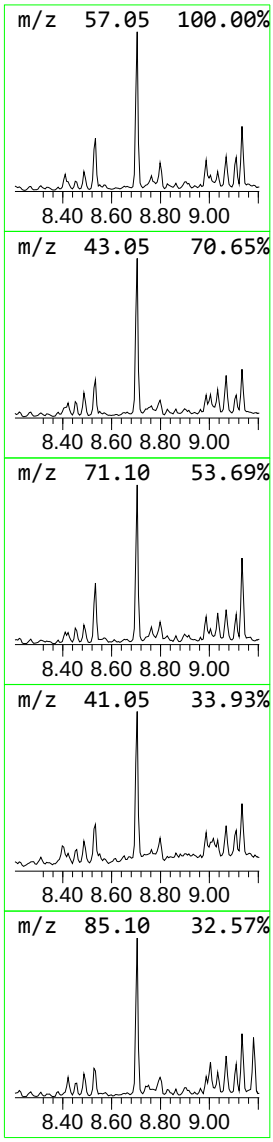
****

Peak Number 1 Tridecane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.704	14.02 ng	1222420	Naphthalene-d8	8.104

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	95
2	Hexadecane	226	C16H34	000544-76-3	87
3	Tetradecane	198	C14H30	000629-59-4	86
4	Pentadecane	212	C15H32	000629-62-9	86
5	1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	80





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102623\
Data File : BF135975.D
Acq On : 26 Oct 2023 21:28
Operator : CG\JU
Sample : 05012-01 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BU-03-10232023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

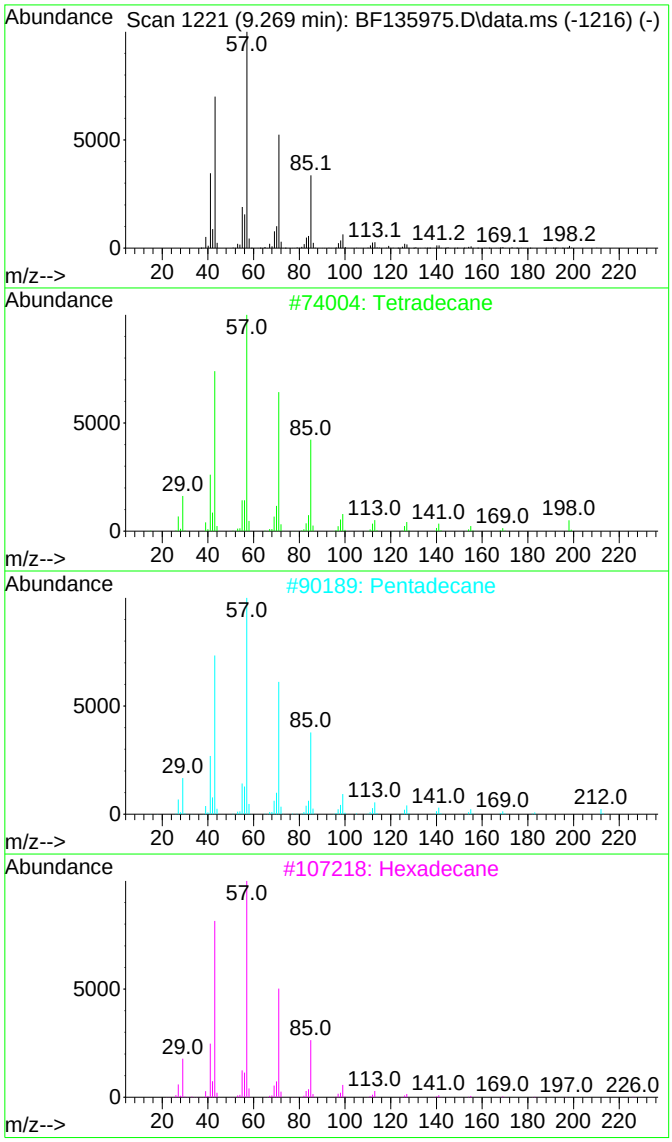
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

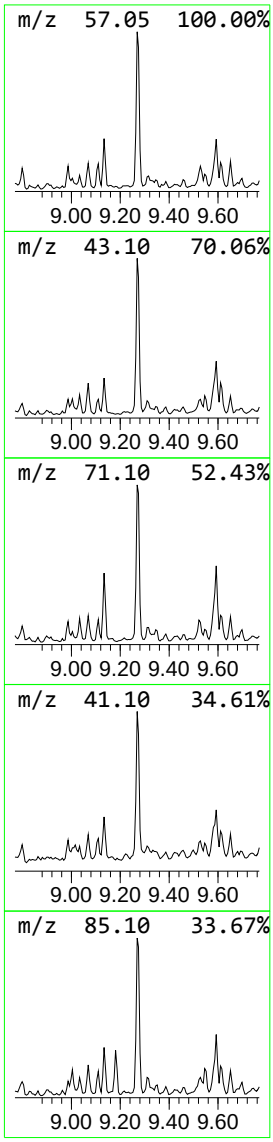
****

Peak Number 2 Tetradecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.269	39.50 ng	1959420	Acenaphthene-d10	9.863

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	95
2	Pentadecane	212	C15H32	000629-62-9	90
3	Hexadecane	226	C16H34	000544-76-3	90
4	Tridecane	184	C13H28	000629-50-5	83
5	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	78





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102623\
Data File : BF135975.D
Acq On : 26 Oct 2023 21:28
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Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BU-03-10232023

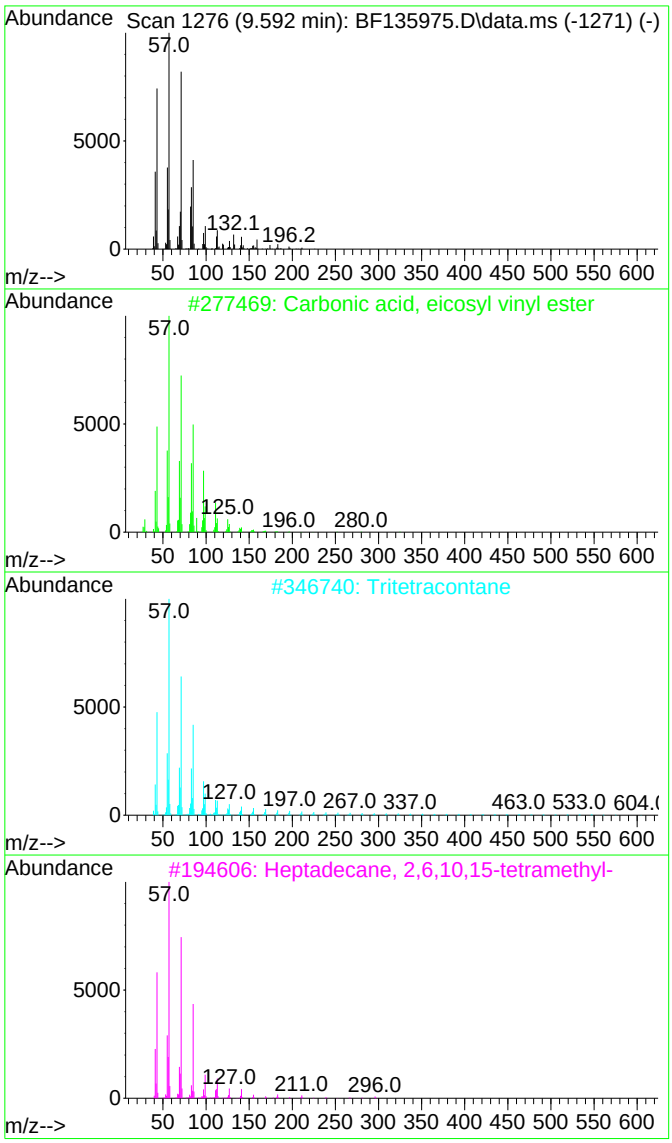
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

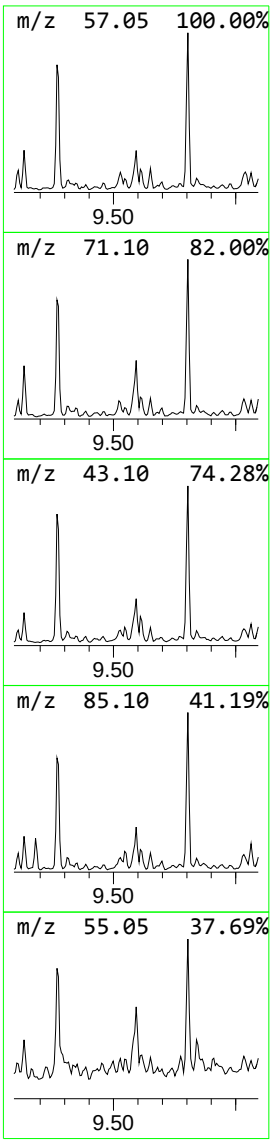
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Carbonic acid, eicosyl viny... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.592	20.26 ng	1004900	Acenaphthene-d10	9.863

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	83
2	Tritetracontane	605	C43H88	007098-21-7	80
3	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	68
4	Tetradecane	198	C14H30	000629-59-4	64
5	Tetracosane	338	C24H50	000646-31-1	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102623\
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Sample : 05012-01 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102523.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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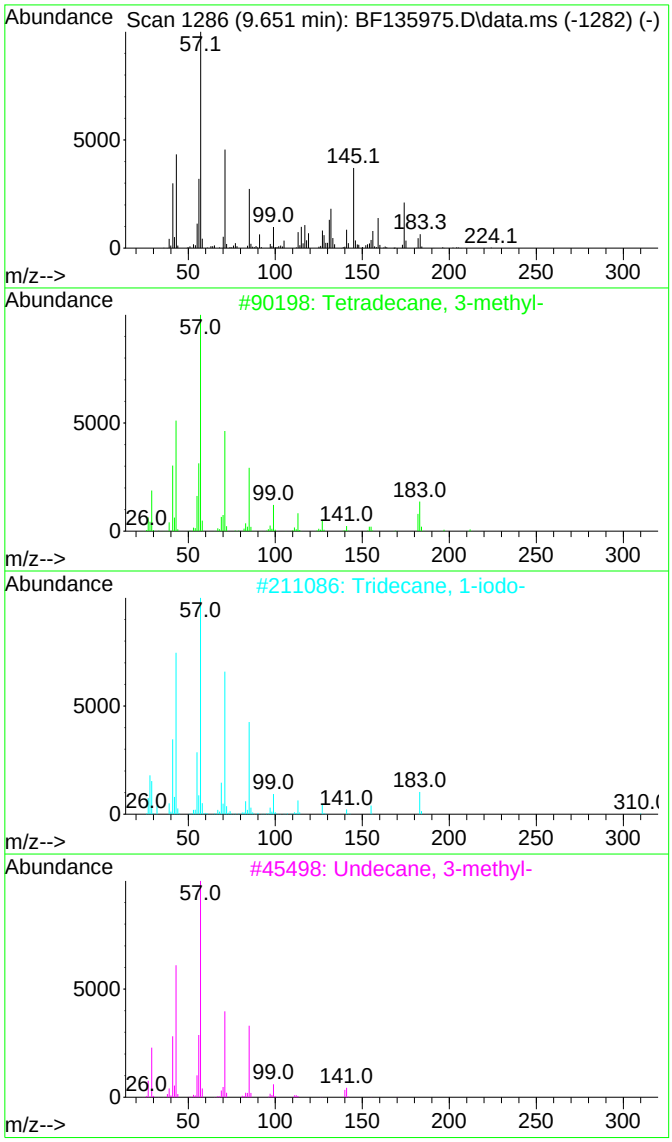
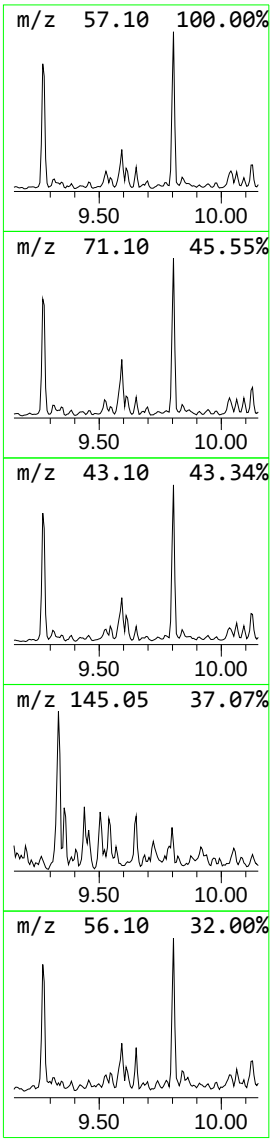
Peak Number 4 unknown9.651 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.651	9.27 ng	460022	Acenaphthene-d10	9.863

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane, 3-methyl-	212	C15H32	018435-22-8	38
2	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	38
3	Undecane, 3-methyl-	170	C12H26	001002-43-3	35
4	Oxalic acid, 6-ethyloct-3-yl hep...	328	C19H36O4	1000309-34-5	35
5	Decane, 6-ethyl-2-methyl-	184	C13H28	062108-21-8	35





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102623\
Data File : BF135975.D
Acq On : 26 Oct 2023 21:28
Operator : CG\JU
Sample : 05012-01 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BU-03-10232023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102523.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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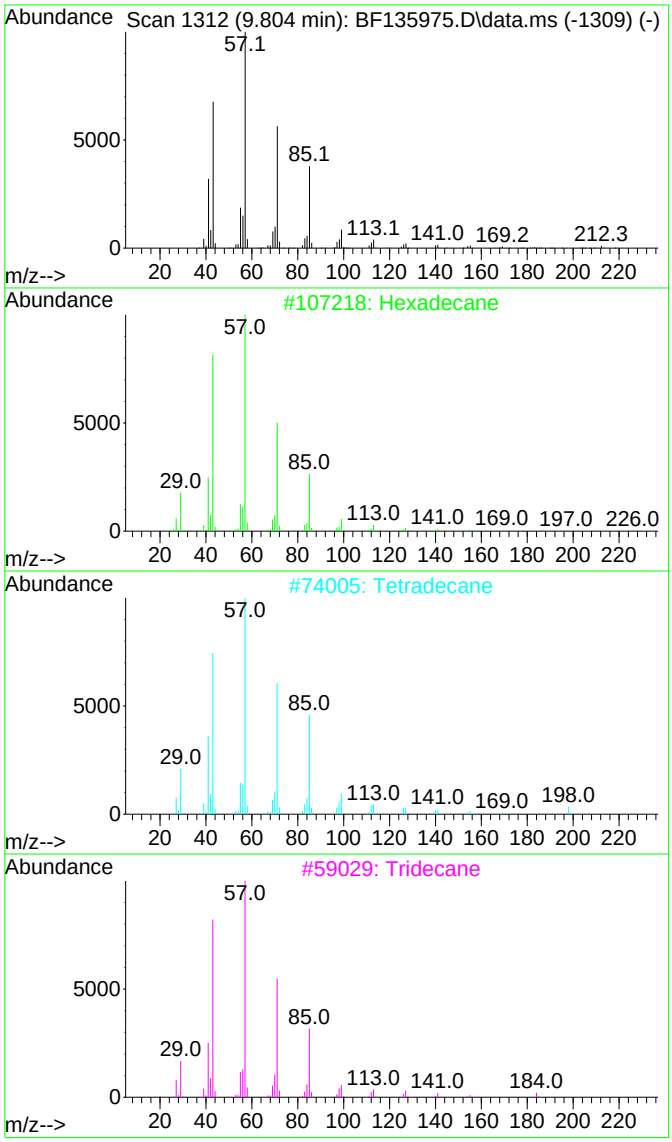
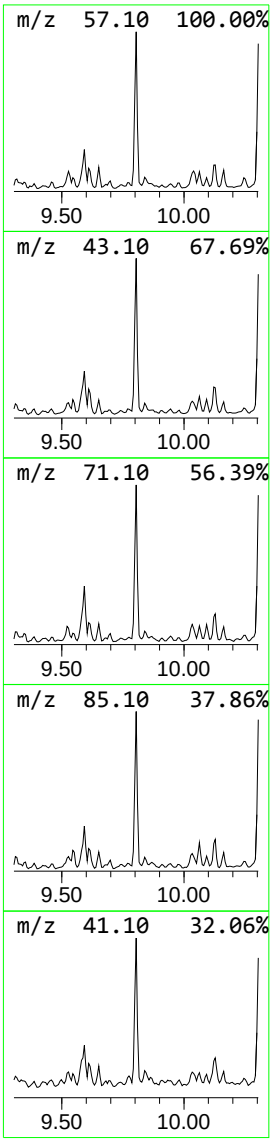
Peak Number 5 Hexadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.804	34.49 ng	1710900	Acenaphthene-d10	9.863

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	91
2	Tetradecane	198	C14H30	000629-59-4	87
3	Tridecane	184	C13H28	000629-50-5	83
4	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	72
5	Undecane	156	C11H24	001120-21-4	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102623\
Data File : BF135975.D
Acq On : 26 Oct 2023 21:28
Operator : CG\JU
Sample : 05012-01 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BU-03-10232023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102523.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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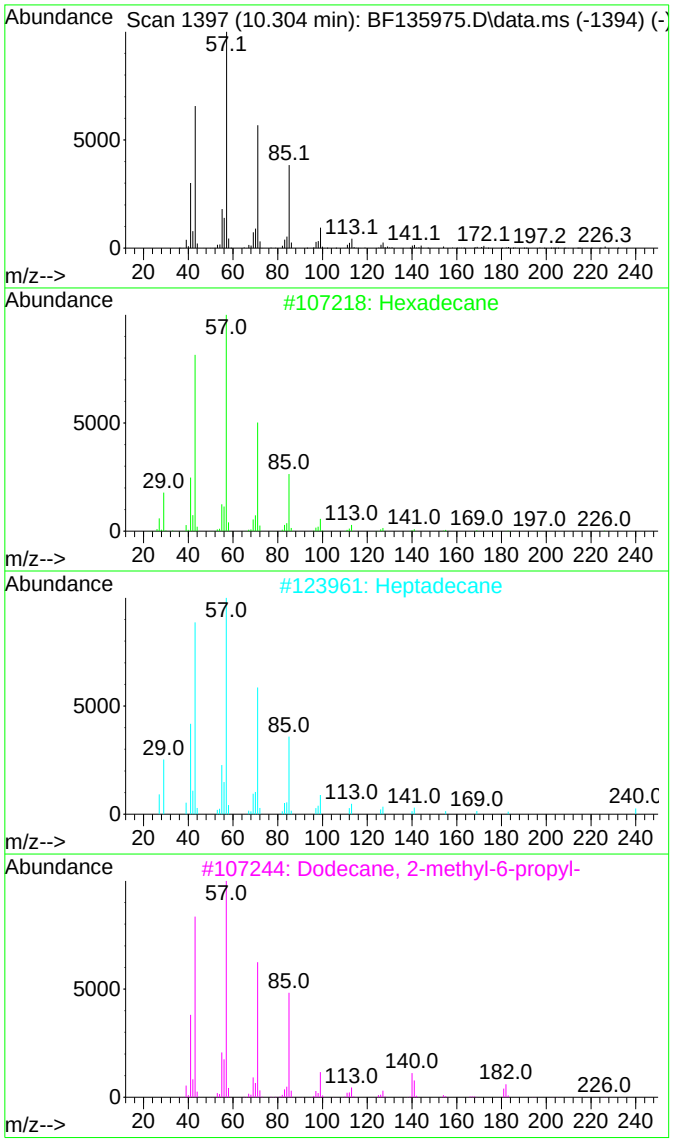
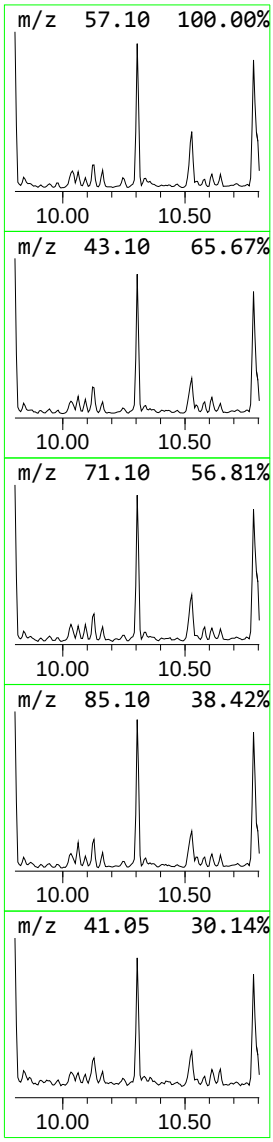
Peak Number 6 Heptadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.304	33.19 ng	1646490	Acenaphthene-d10	9.863

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	95
2	Heptadecane	240	C17H36	000629-78-7	90
3	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	86
4	Pentadecane, 7-methyl-	226	C16H34	006165-40-8	81
5	Tridecane	184	C13H28	000629-50-5	81





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Misc :
ALS Vial : 19 Sample Multiplier: 1

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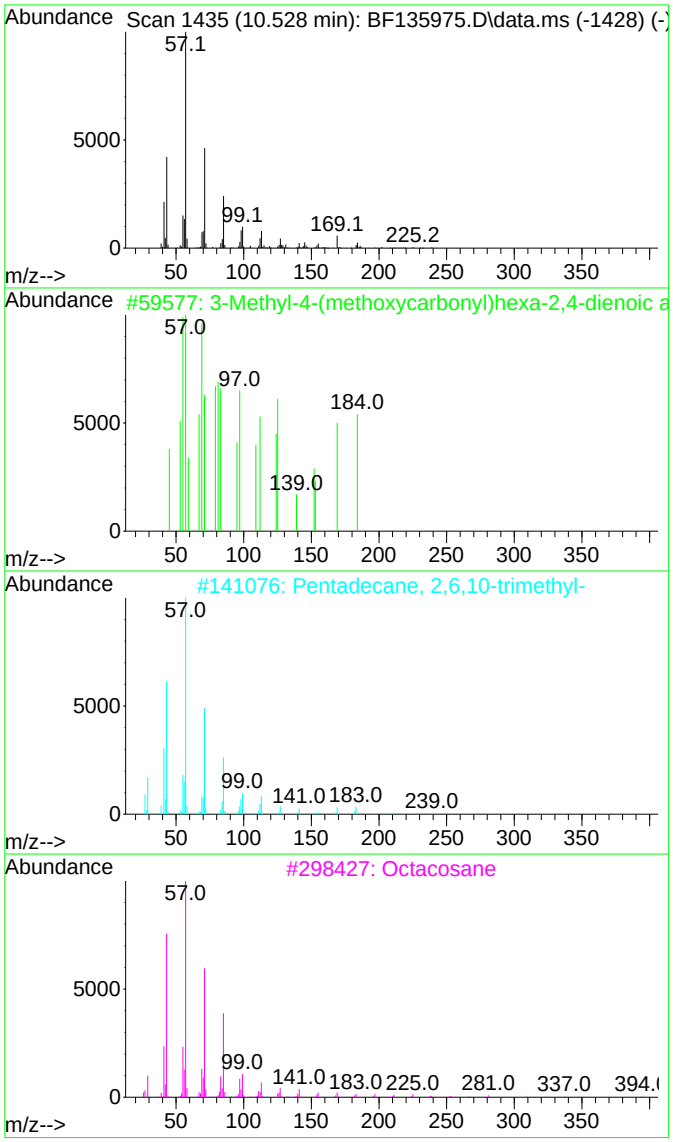
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

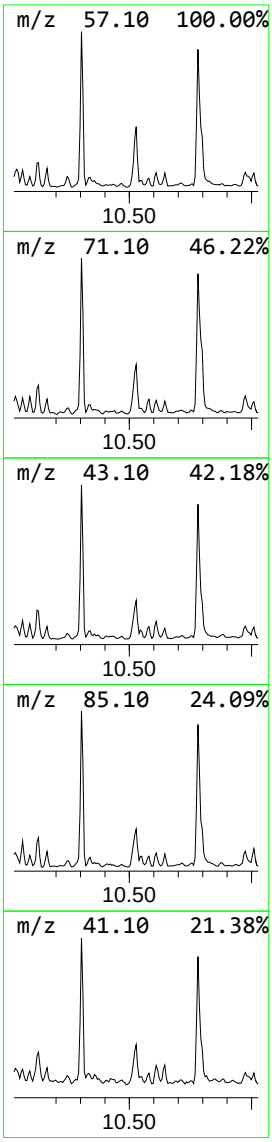
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 3-Methyl-4-(methoxycarbonyl... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.528	18.66 ng	925592	Acenaphthene-d10	9.863

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Methyl-4-(methoxycarbonyl)hexa...	184	C9H12O4	1010104-10-8	90
2	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	86
3	Octacosane	394	C28H58	000630-02-4	72
4	Octadecane	254	C18H38	000593-45-3	72
5	Tridecane	184	C13H28	000629-50-5	72





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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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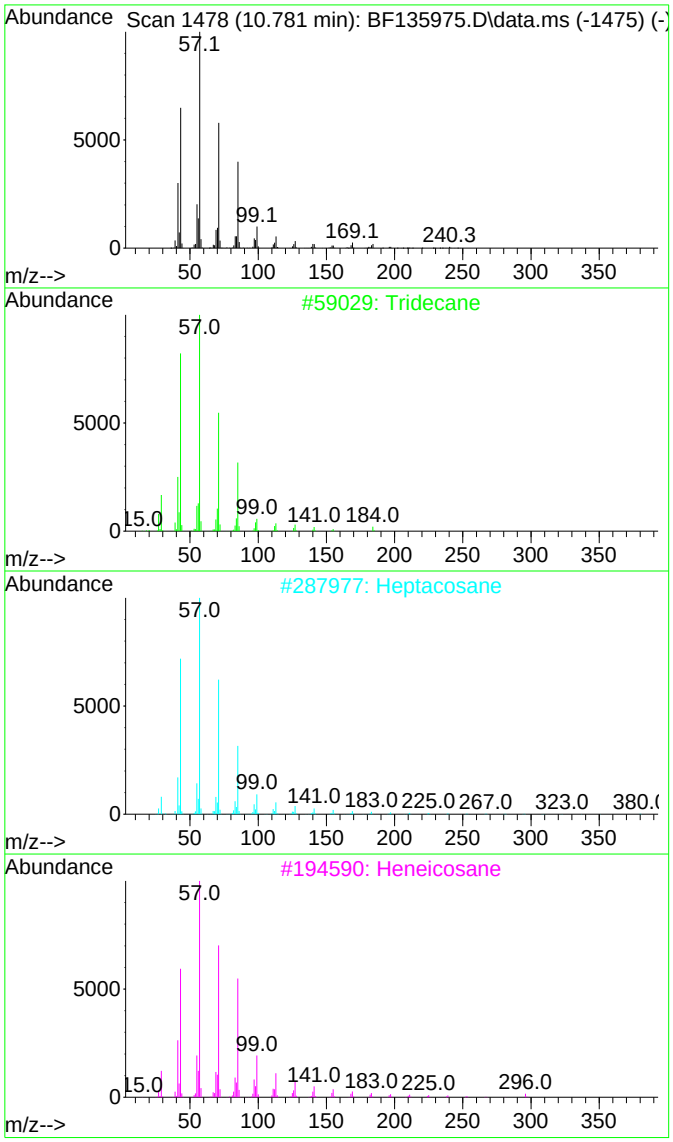
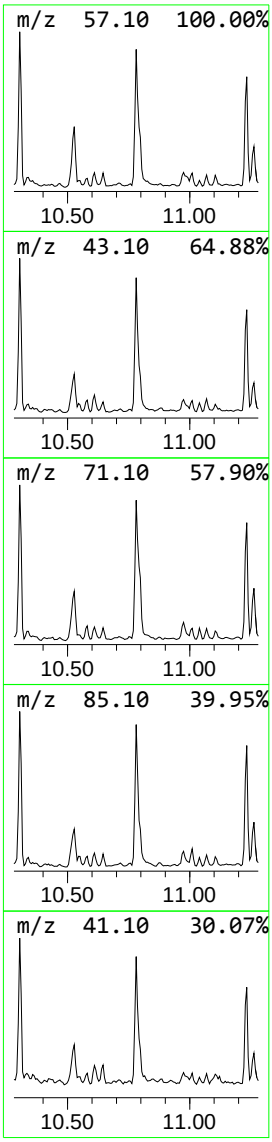
Peak Number 8 Heptacosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.781	49.40 ng	2209400	Phenanthrene-d10	11.357

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	95
2	Heptacosane	380	C27H56	000593-49-7	91
3	Heneicosane	296	C21H44	000629-94-7	90
4	Hexadecane	226	C16H34	000544-76-3	90
5	Pentadecane	212	C15H32	000629-62-9	90





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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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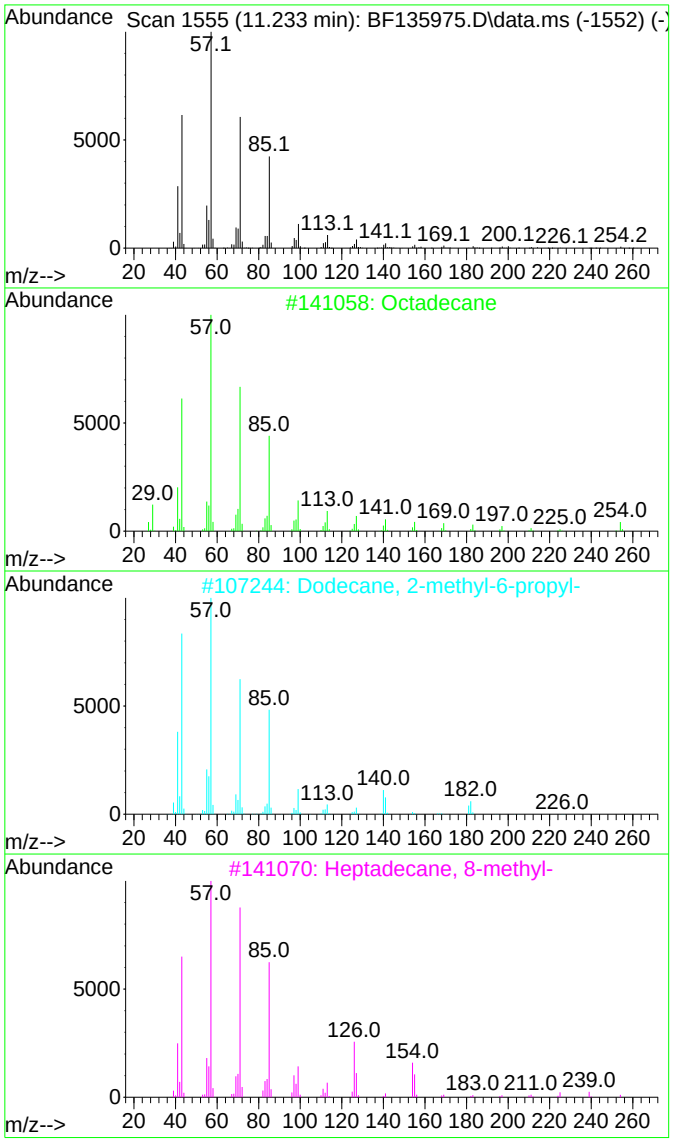
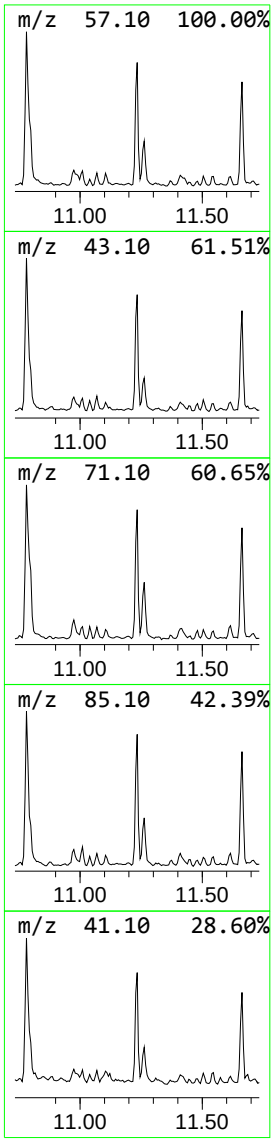
Peak Number 9 Octadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.233	30.99 ng	1385730	Phenanthrene-d10	11.357

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	96
2	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	91
3	Heptadecane, 8-methyl-	254	C18H38	013287-23-5	91
4	Tetradecane	198	C14H30	000629-59-4	91
5	Heptadecane	240	C17H36	000629-78-7	90





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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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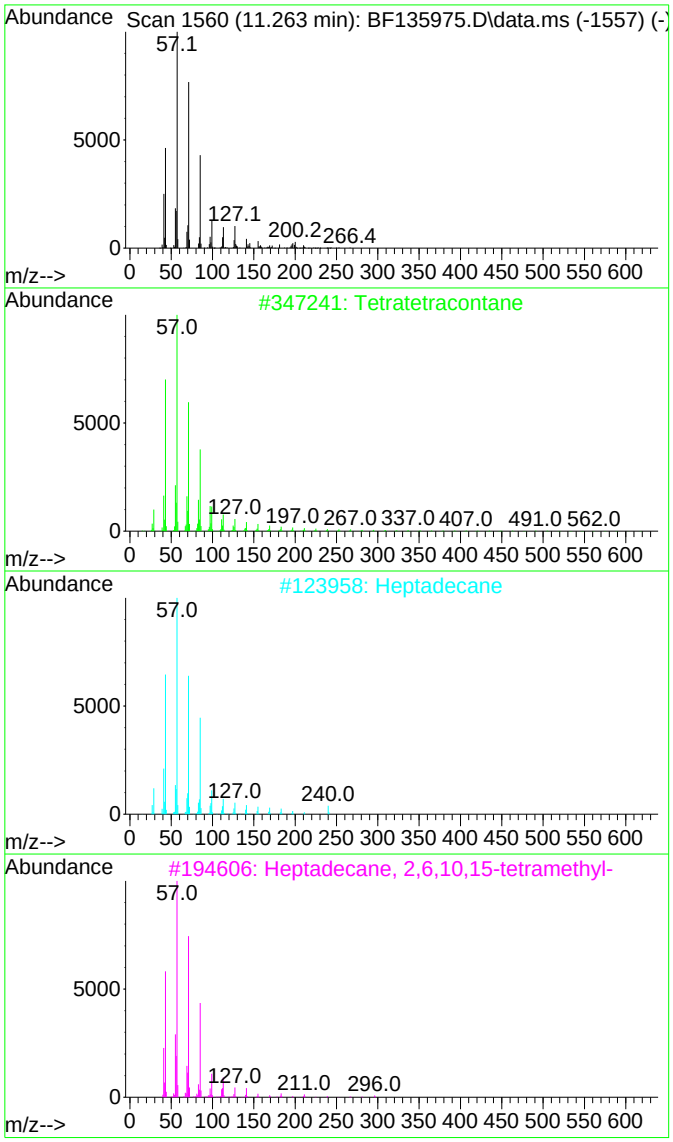
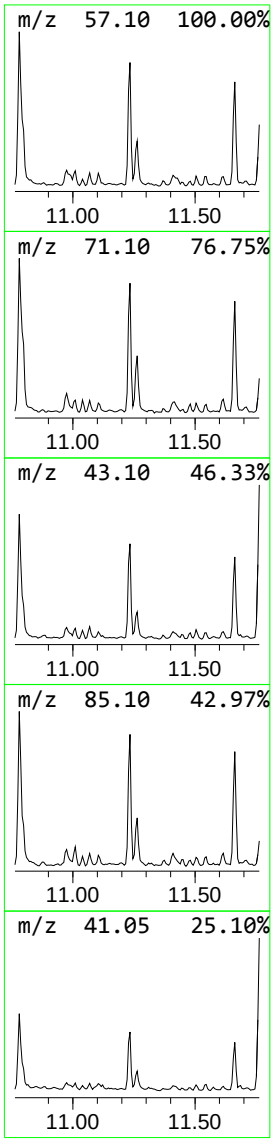
Peak Number 10 Tetratetracontane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.263	15.94 ng	712876	Phenanthrene-d10	11.357

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetratetracontane	619	C44H90	007098-22-8	90
2	Heptadecane	240	C17H36	000629-78-7	90
3	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	86
4	Hexacosane	366	C26H54	000630-01-3	78
5	Nonadecane	268	C19H40	000629-92-5	78





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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TIC Integration Parameters: LSCINT.P

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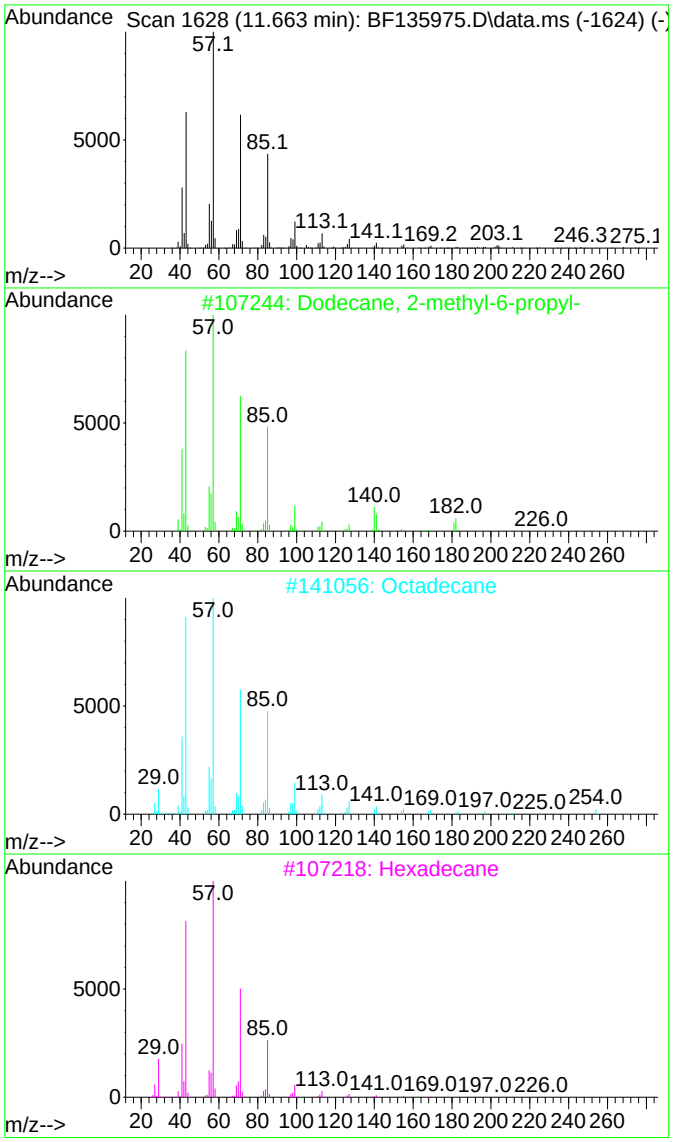
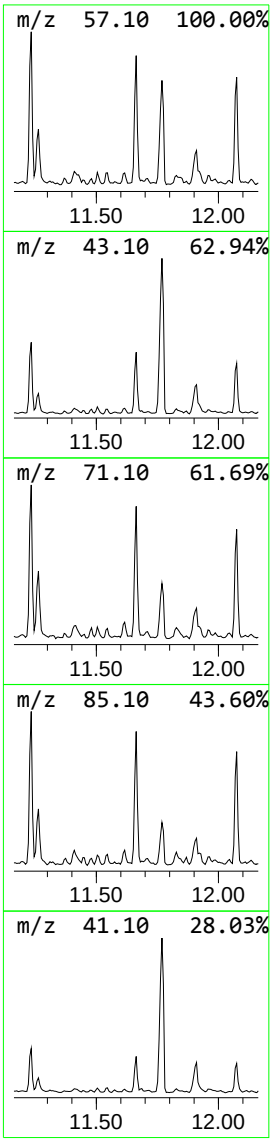
Peak Number 11 Dodecane, 2-methyl-6-propyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.663	24.82 ng	1109930	Phenanthrene-d10	11.357

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	90
2	Octadecane	254	C18H38	000593-45-3	90
3	Hexadecane	226	C16H34	000544-76-3	90
4	Heneicosane	296	C21H44	000629-94-7	90
5	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	90





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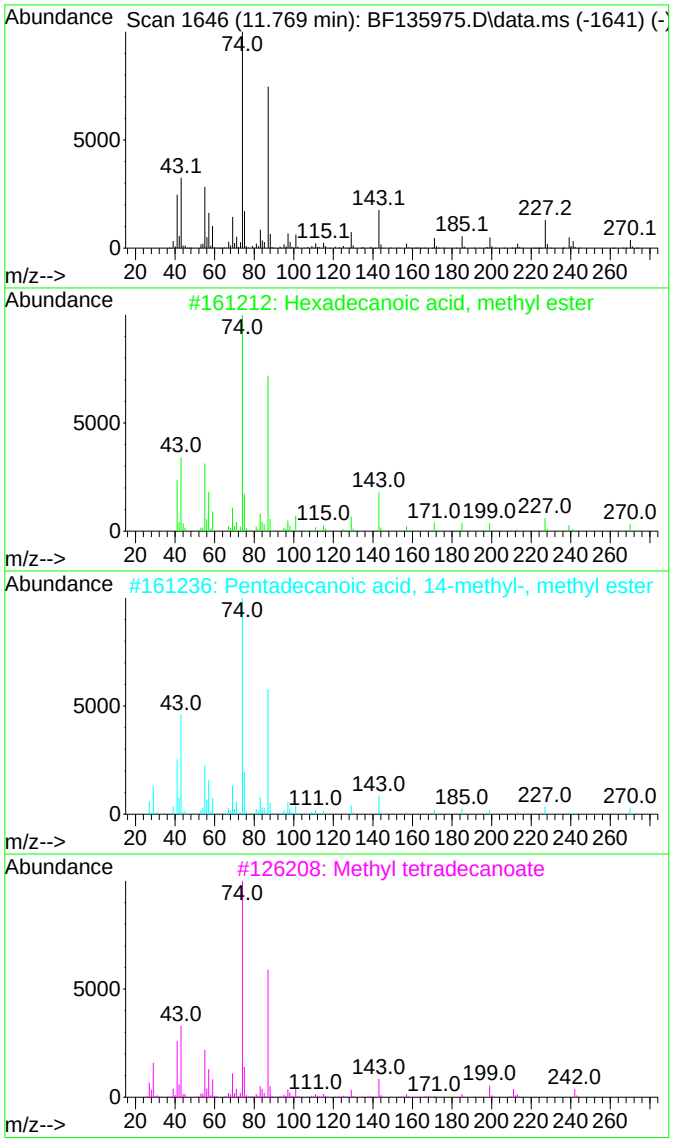
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

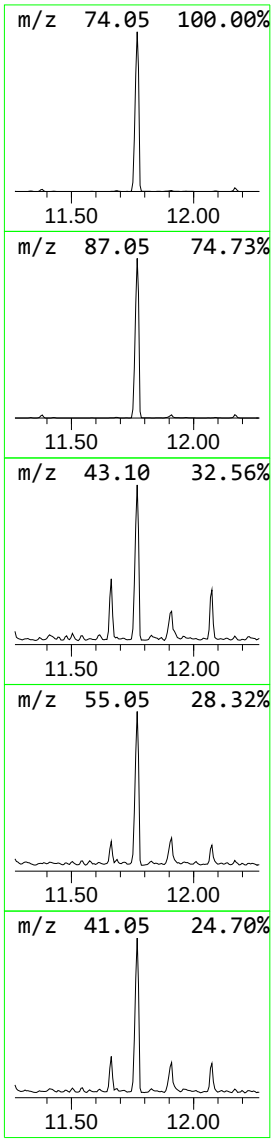
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Hexadecanoic acid, methyl e... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.769	173.40 ng	7754610	Phenanthrene-d10	11.357

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	95
3	Methyl tetradecanoate	242	C15H30O2	000124-10-7	91
4	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	90
5	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	86





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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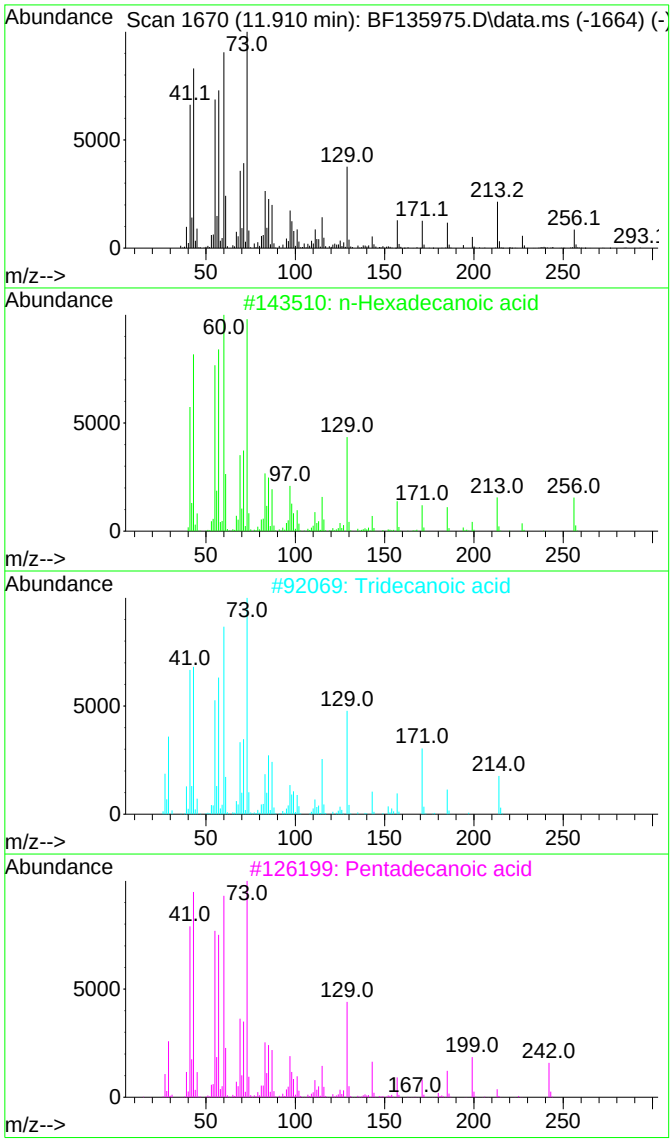
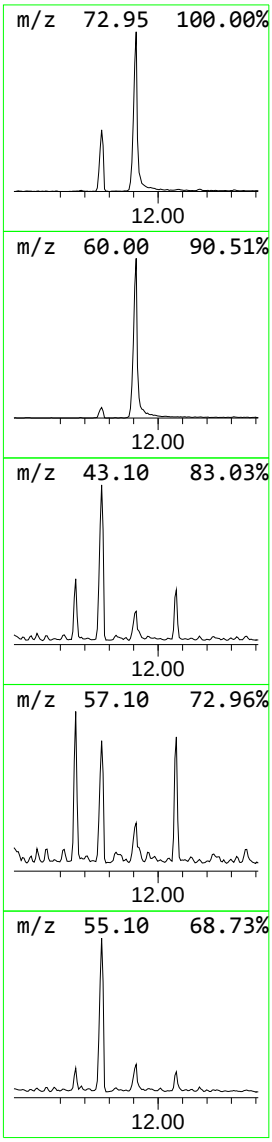
Peak Number 13 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.910	39.95 ng	1786810	Phenanthrene-d10	11.357

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	94
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	91
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	80
5	8-Methylnonanoic acid	172	C10H20O2	005963-14-4	60





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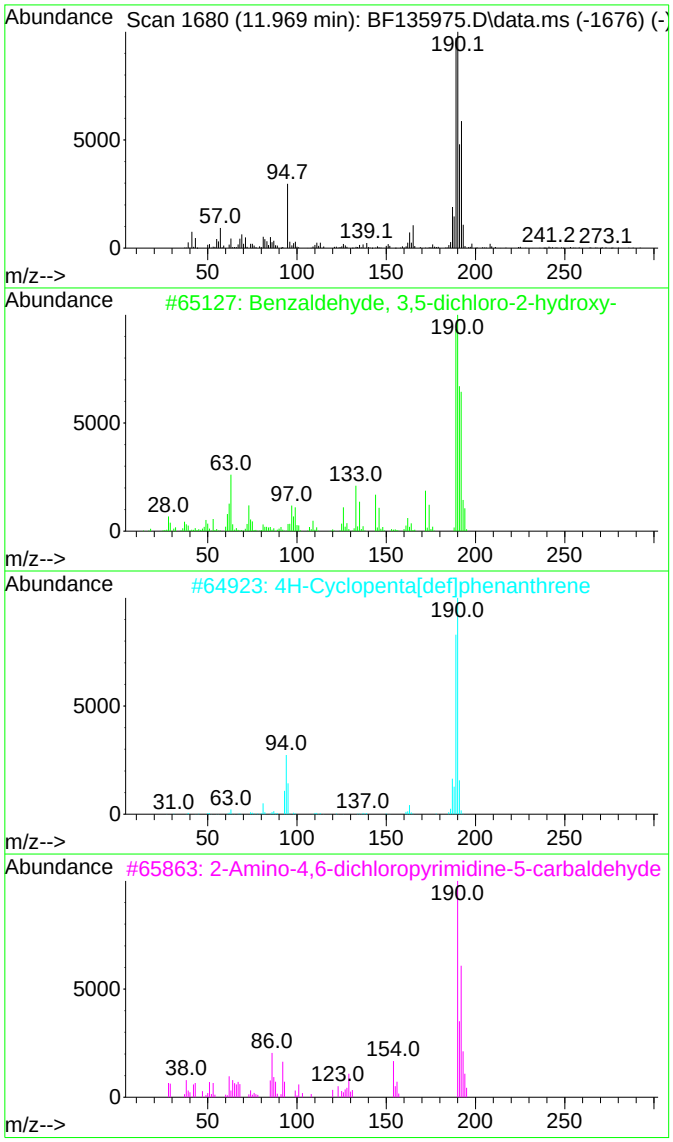
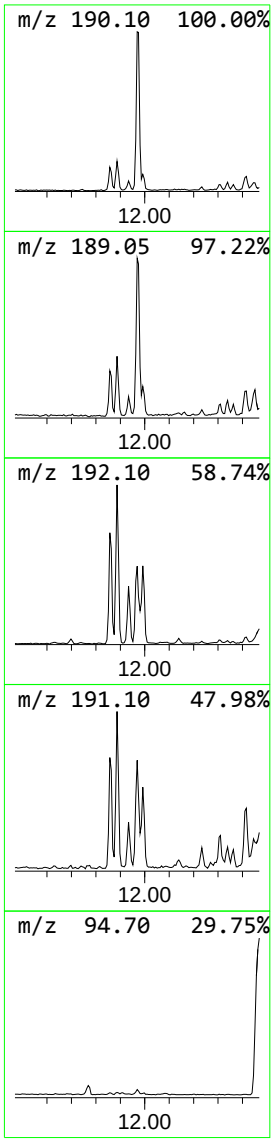
****
Peak Number 14 Benzaldehyde, 3,5-dichloro-... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.969	13.83 ng	618725	Phenanthrene-d10	11.357

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	72
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
3	2-Amino-4,6-dichloropyrimidine-5...	191	C5H3Cl2N3O	005604-46-6	43
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	30
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	30





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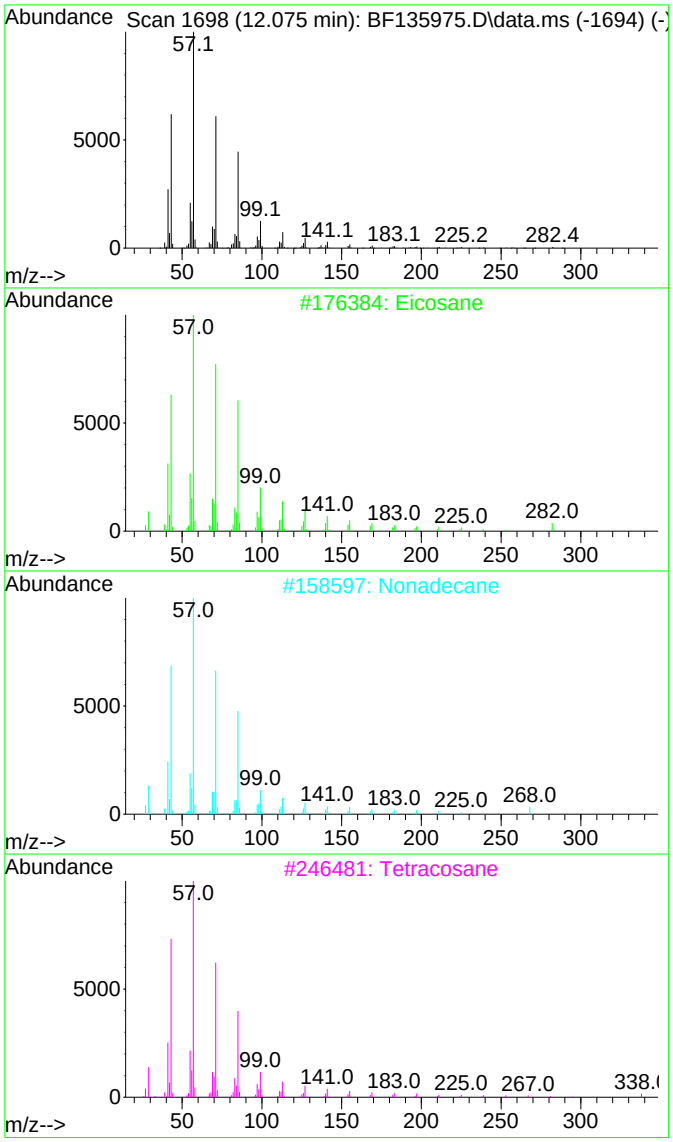
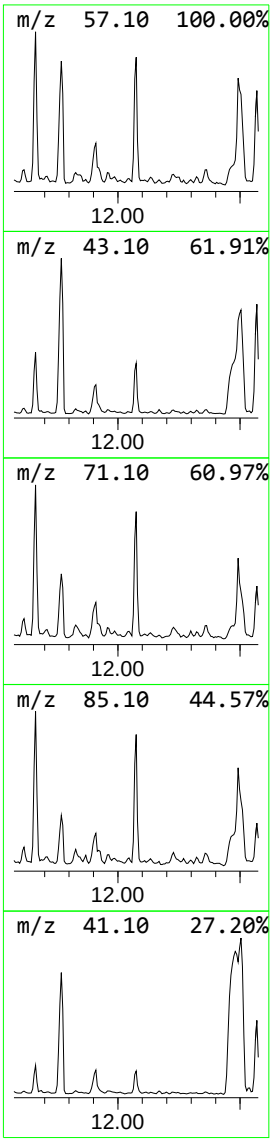
Peak Number 15 Eicosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.075	25.97 ng	1161420	Phenanthrene-d10	11.357

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	97
2	Nonadecane	268	C19H40	000629-92-5	91
3	Tetracosane	338	C24H50	000646-31-1	91
4	Heneicosane	296	C21H44	000629-94-7	90
5	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	86





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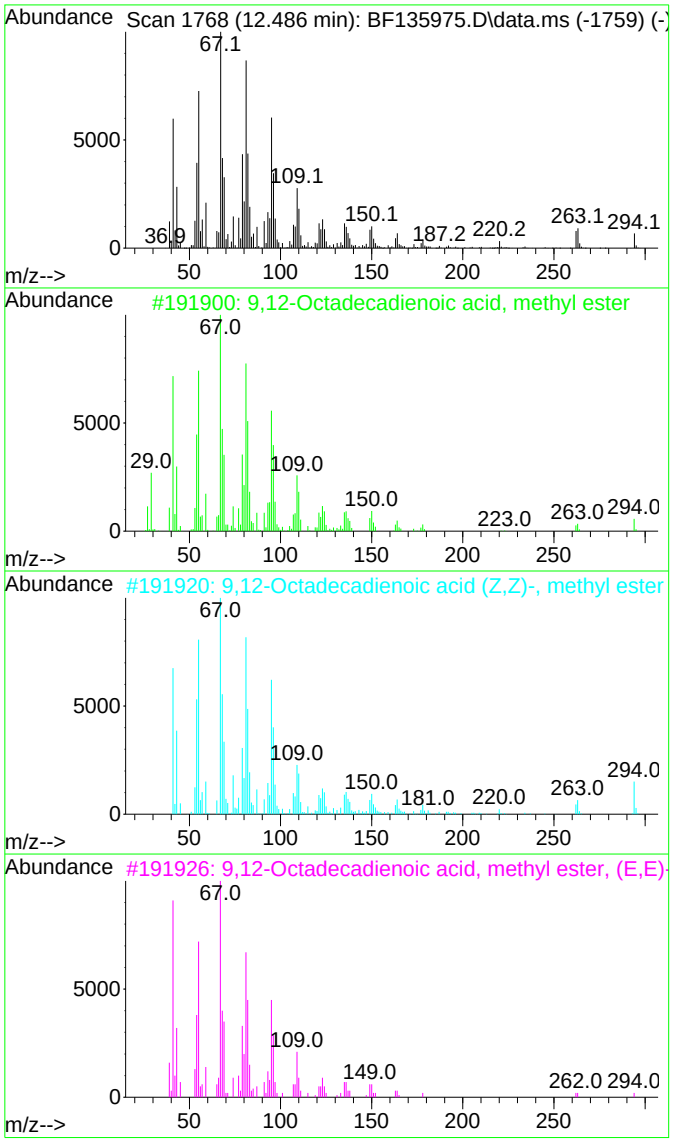
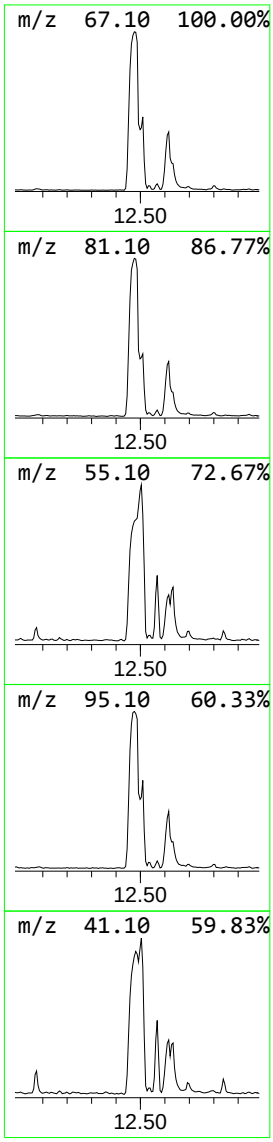
****
Peak Number 16 9,12-Octadecadienoic acid, ... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.486	487.76 ng	21813600	Phenanthrene-d10	11.357

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	99
2	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	99
3	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99
4	10,13-Octadecadienoic acid, meth...	294	C19H34O2	056554-62-2	99
5	8,11-Octadecadienoic acid, methy...	294	C19H34O2	056599-58-7	99





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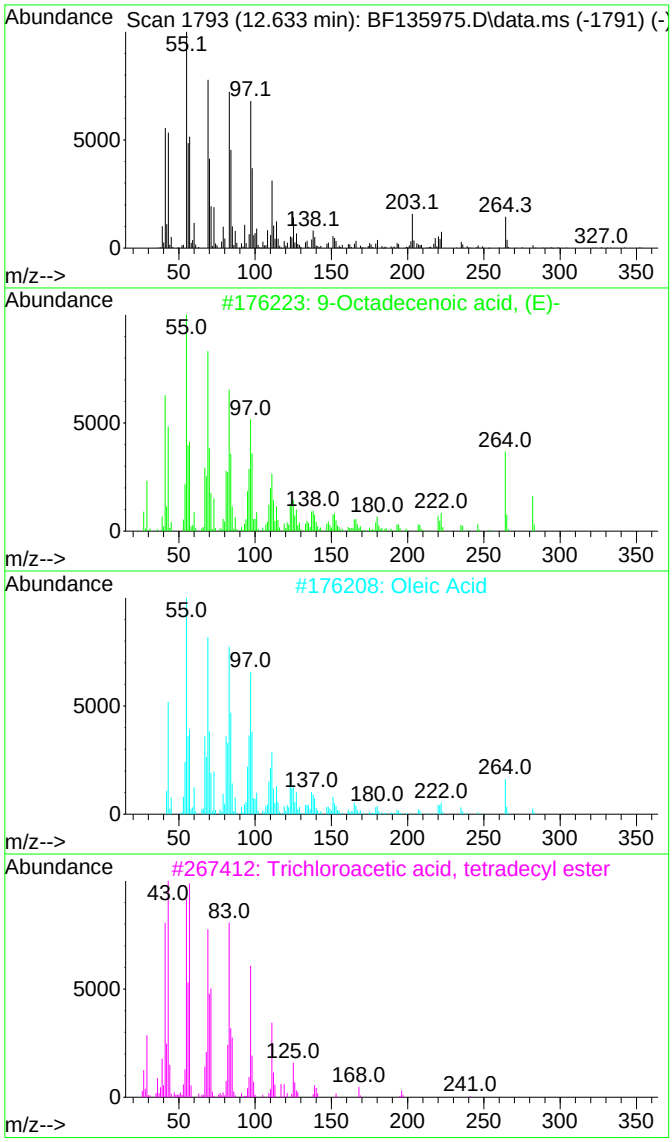
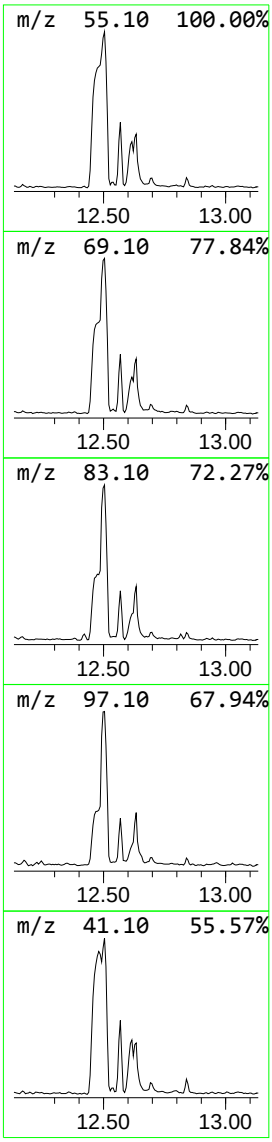
Peak Number 17 9-Octadecenoic acid, (E)- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.633	62.78 ng	2807620	Phenanthrene-d10	11.357

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenoic acid, (E)-	282	C18H34O2	000112-79-8	91
2	Oleic Acid	282	C18H34O2	000112-80-1	87
3	Trichloroacetic acid, tetradecyl...	358	C16H29Cl3O2	074339-52-9	80
4	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	80
5	Cyclopentadecane	210	C15H30	000295-48-7	80





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Operator : CG\JU
Sample : 05012-01 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BU-03-10232023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102523.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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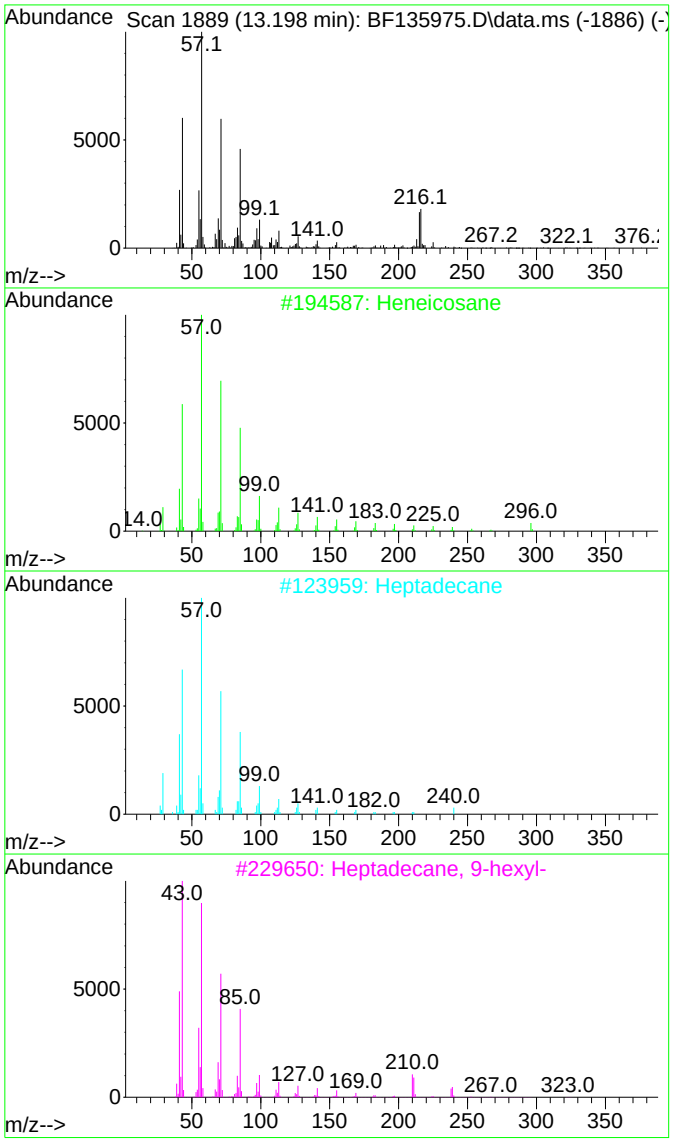
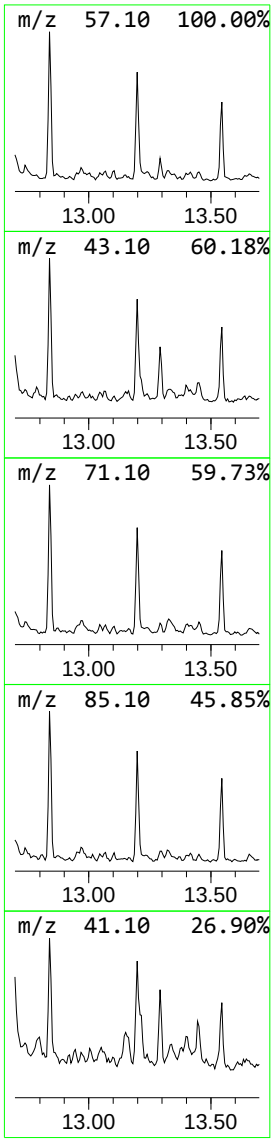
Peak Number 18 Heneicosane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.198	10.01 ng	1093240	Chrysene-d12	14.010

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	93
2	Heptadecane	240	C17H36	000629-78-7	91
3	Heptadecane, 9-hexyl-	324	C23H48	055124-79-3	90
4	2-Bromo dodecane	248	C12H25Br	013187-99-0	89
5	1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	81





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102623\
Data File : BF135975.D
Acq On : 26 Oct 2023 21:28
Operator : CG\JU
Sample : 05012-01 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BU-03-10232023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102523.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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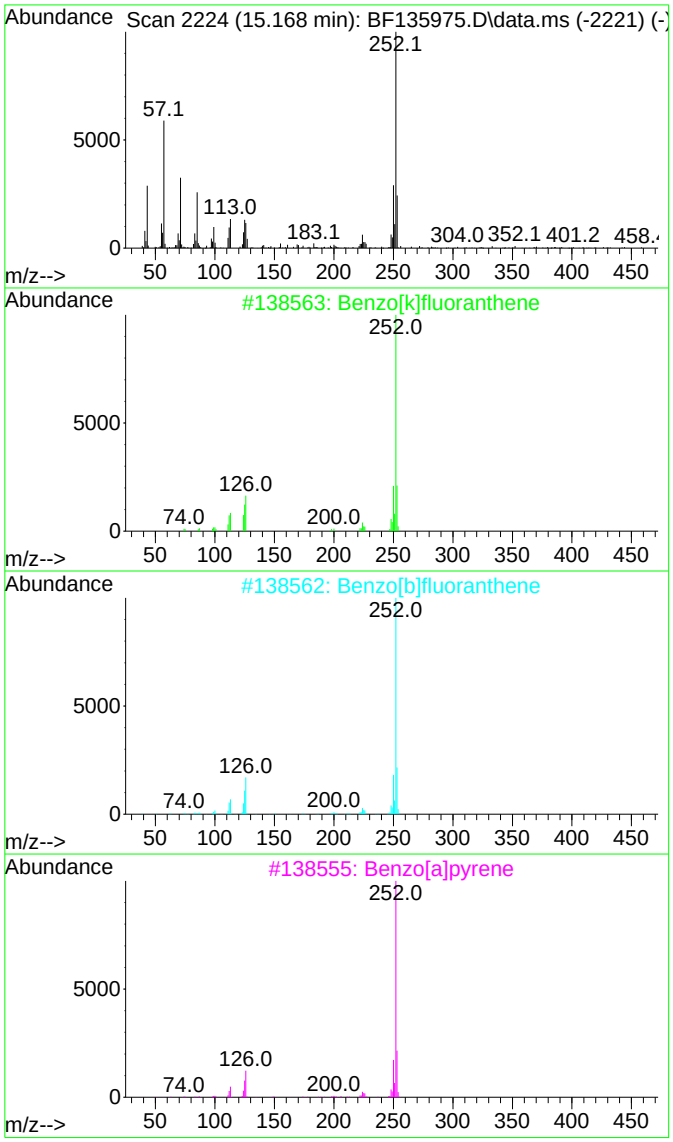
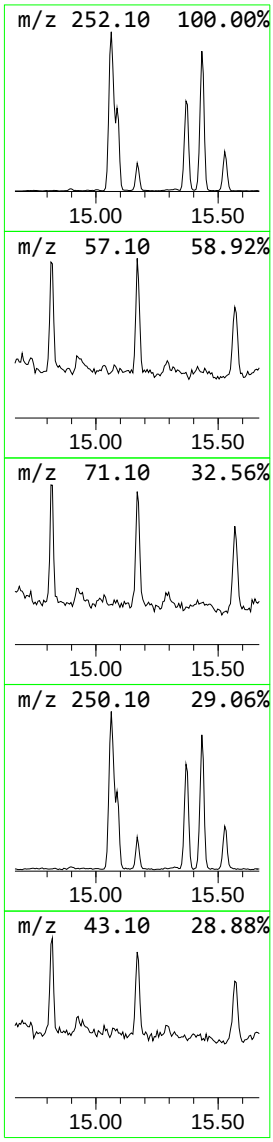
Peak Number 19 Perylene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.169	12.10 ng	353692	Perylene-d12	15.498

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
2	Benzo[b]fluoranthene	252	C20H12	000205-99-2	92
3	Benzo[a]pyrene	252	C20H12	000050-32-8	87
4	Perylene	252	C20H12	000198-55-0	86
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	83





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102623\
Data File : BF135975.D
Acq On : 26 Oct 2023 21:28
Operator : CG\JU
Sample : 05012-01 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BU-03-10232023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102523.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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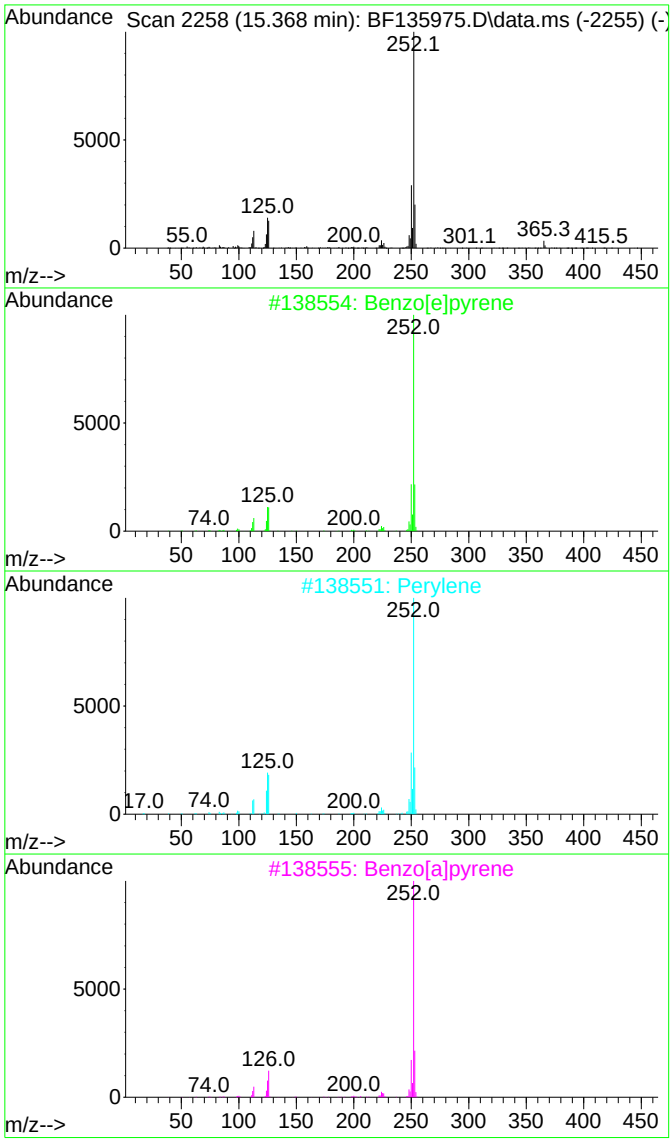
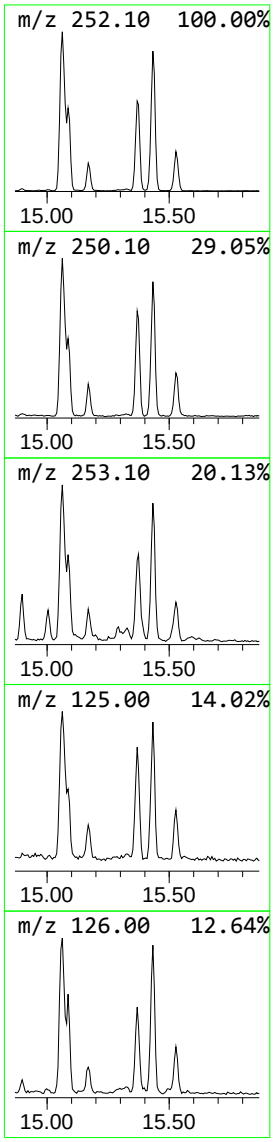
Peak Number 20 Benzo[e]pyrene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.368	20.55 ng	600921	Perylene-d12	15.498

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Perylene	252	C20H12	000198-55-0	96
3	Benzo[a]pyrene	252	C20H12	000050-32-8	96
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	94
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102623\
Data File : BF135975.D
Acq On : 26 Oct 2023 21:28
Operator : CG\JU
Sample : 05012-01 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BU-03-10232023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102523.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	8.704	14.0	ng	1222420	2	8.104	1743710	20.0
Tetradecane	9.269	39.5	ng	1959420	3	9.863	992052	20.0
Carbonic acid, ...	9.592	20.3	ng	1004900	3	9.863	992052	20.0
unknown9.651	9.651	9.3	ng	460022	3	9.863	992052	20.0
Hexadecane	9.804	34.5	ng	1710900	3	9.863	992052	20.0
Heptadecane	10.304	33.2	ng	1646490	3	9.863	992052	20.0
3-Methyl-4-(met...	10.528	18.7	ng	925592	3	9.863	992052	20.0
Heptacosane	10.781	49.4	ng	2209400	4	11.357	894446	20.0
Octadecane	11.233	31.0	ng	1385730	4	11.357	894446	20.0
Tetratetracontane	11.263	15.9	ng	712876	4	11.357	894446	20.0
Dodecane, 2-met...	11.663	24.8	ng	1109930	4	11.357	894446	20.0
Hexadecanoic ac...	11.769	173.4	ng	7754610	4	11.357	894446	20.0
n-Hexadecanoic ...	11.910	40.0	ng	1786810	4	11.357	894446	20.0
Benzaldehyde, 3...	11.969	13.8	ng	618725	4	11.357	894446	20.0
Eicosane	12.075	26.0	ng	1161420	4	11.357	894446	20.0
9,12-Octadecadi...	12.486	487.8	ng	21813600	4	11.357	894446	20.0
9-Octadecenoic ...	12.633	62.8	ng	2807620	4	11.357	894446	20.0
Heneicosane	13.198	10.0	ng	1093240	5	14.010	2185070	20.0
Perylene	15.169	12.1	ng	353692	6	15.498	584852	20.0
Benzo[e]pyrene	15.368	20.6	ng	600921	6	15.498	584852	20.0