LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021119\
Data File : BF112480.D
Acq On : 11 Feb 2019 15:01
Operator : JU/SJ
Sample : K1356-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-03-020819-A

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-BF012519.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.057	501	505	512	rBV	81198	116640	1.04%	0.172%
2	5.469	571	575	597	rBV	2496109	2535902	22.55%	3.747%
3	6.481	743	747	765	rBV	2445263	2889181	25.69%	4.269%
4	6.610	765	769	776	rVV	3321206	2889017	25.68%	4.268%
5	6.834	803	807	814	rBV	788068	753148	6.70%	1.113%
6	6.987	829	833	840	rBV	2552245	2272823	20.21%	3.358%
7	7.392	899	902	906	rBV	1644447	1682749	14.96%	2.486%
8	8.092	1018	1021	1022	rBV	301356	250680	2.23%	0.370%
9	8.116	1022	1025	1030	rVV	977609	1013121	9.01%	1.497%
10	8.169	1030	1034	1037	rVB2	111241	136217	1.21%	0.201%
11	8.404	1069	1074	1080	rBV5	109863	158152	1.41%	0.234%
12	8.616	1106	1110	1113	rBV	170459	152663	1.36%	0.226%
13	8.698	1121	1124	1128	rBV	450170	411651	3.66%	0.608%
14	8.933	1161	1164	1169	rBV4	147703	124076	1.10%	0.183%
15	9.063	1182	1186	1190	rVB3	105652	150549	1.34%	0.222%
16	9.128	1195	1197	1200	rVV3	138988	127279	1.13%	0.188%
17	9.186	1202	1207	1212	rBV	3986815	3534265	31.42%	5.222%
18	9.263	1216	1220	1223	rBV	533986	515381	4.58%	0.761%
19	9.580	1270	1274	1277	rBV2	421196	451064	4.01%	0.666%
20	9.792	1307	1310	1315	rVB	522521	413882	3.68%	0.612%
21	9.869	1319	1323	1327	rVB	1327337	1141542	10.15%	1.687%
22	10.116	1361	1365	1369	rBV5	108390	134306	1.19%	0.198%
23	10.292	1389	1395	1398	rBV	550026	479699	4.26%	0.709%
24	10.422	1410	1417	1426	rBV	57960	173234	1.54%	0.256%
25	10.510	1428	1432	1439	rVB	143233	227897	2.03%	0.337%
26	10.663	1454	1458	1468	rBV	2204028	2055822	18.28%	3.037%
27	10.763	1472	1475	1484	rVB	493389	542919	4.83%	0.802%
28	11.210	1548	1551	1554	rBV	398464	335181	2.98%	0.495%
29	11.239	1554	1556	1562	rVB2	141536	186716	1.66%	0.276%
30	11.357	1572	1576	1578	rBV	1253668	1106946	9.84%	1.636%
31	11.380	1578	1580	1586	rVB	242030	249236	2.22%	0.368%
32	11.639	1621	1624	1626	rBV	348359	280073	2.49%	0.414%
33	11.663	1626	1628	1631	rVB	196737	145234	1.29%	0.215%
34	11.739	1637	1641	1645	rBV	4577127	4229798	37.61%	6.249%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021119\
Data File : BF112480.D
Acq On : 11 Feb 2019 15:01
Operator : JU/SJ
Sample : K1356-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-03-020819-A

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-BF012519.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.880	1660	1665	1672	rBV3	333902	403857	3.59%	0.597%
36	12.045	1689	1693	1702	rVB	291216	297336	2.64%	0.439%
37	12.433	1753	1759	1761	rBV	7963457	10573109	94.00%	15.622%
38	12.463	1761	1764	1768	rVV	10160541	11247879	100.00%	16.619%
39	12.498	1768	1770	1772	rVV	158276	127694	1.14%	0.189%
40	12.533	1772	1776	1779	rVB	2013409	1685764	14.99%	2.491%
41	12.574	1779	1783	1787	rBV	470865	466834	4.15%	0.690%
42	12.663	1795	1798	1803	rVB	338191	307765	2.74%	0.455%
43	12.763	1812	1815	1818	rBV2	215299	205471	1.83%	0.304%
44	12.804	1818	1822	1828	rVB	549520	584249	5.19%	0.863%
45	12.939	1840	1845	1848	rBV	3427483	2977254	26.47%	4.399%
46	13.086	1867	1870	1872	rBV	164424	139178	1.24%	0.206%
47	13.157	1880	1882	1883	rBV	186541	141053	1.25%	0.208%
48	13.174	1883	1885	1888	rVB2	260509	201708	1.79%	0.298%
49	13.251	1893	1898	1902	rBV2	293298	296269	2.63%	0.438%
50	13.498	1937	1940	1943	rBV	128303	112545	1.00%	0.166%
51	13.680	1967	1971	1974	rVB3	104488	130513	1.16%	0.193%
52	13.827	1990	1996	2008	rVB4	331138	483636	4.30%	0.715%
53	13.915	2008	2011	2018	rBV	210888	214798	1.91%	0.317%
54	13.998	2020	2025	2028	rVV2	914108	1088934	9.68%	1.609%
55	14.027	2028	2030	2038	rVB	217927	215997	1.92%	0.319%
56	14.145	2046	2050	2052	rBV	147569	142347	1.27%	0.210%
57	14.445	2096	2101	2111	rBV3	259607	427637	3.80%	0.632%
58	14.751	2150	2153	2156	rVB	191614	172778	1.54%	0.255%
59	14.868	2168	2173	2180	rBV	140585	242480	2.16%	0.358%
60	15.045	2200	2203	2206	rBV	155932	216604	1.93%	0.320%
61	15.080	2206	2209	2214	rVB2	244669	310199	2.76%	0.458%
62	15.351	2252	2255	2260	rVB	104445	117972	1.05%	0.174%
63	15.409	2262	2265	2269	rVV	127613	170631	1.52%	0.252%
64	15.474	2269	2276	2288	rVB2	645429	1161962	10.33%	1.717%
65	15.886	2341	2346	2352	rBV	197473	295845	2.63%	0.437%
66	16.380	2426	2430	2438	rVB	139743	248657	2.21%	0.367%
67	16.962	2524	2529	2536	rVB2	133897	265104	2.36%	0.392%
68	17.651	2642	2646	2654	rVB6	70580	141173	1.26%	0.209%

Sum of corrected areas: 67682275

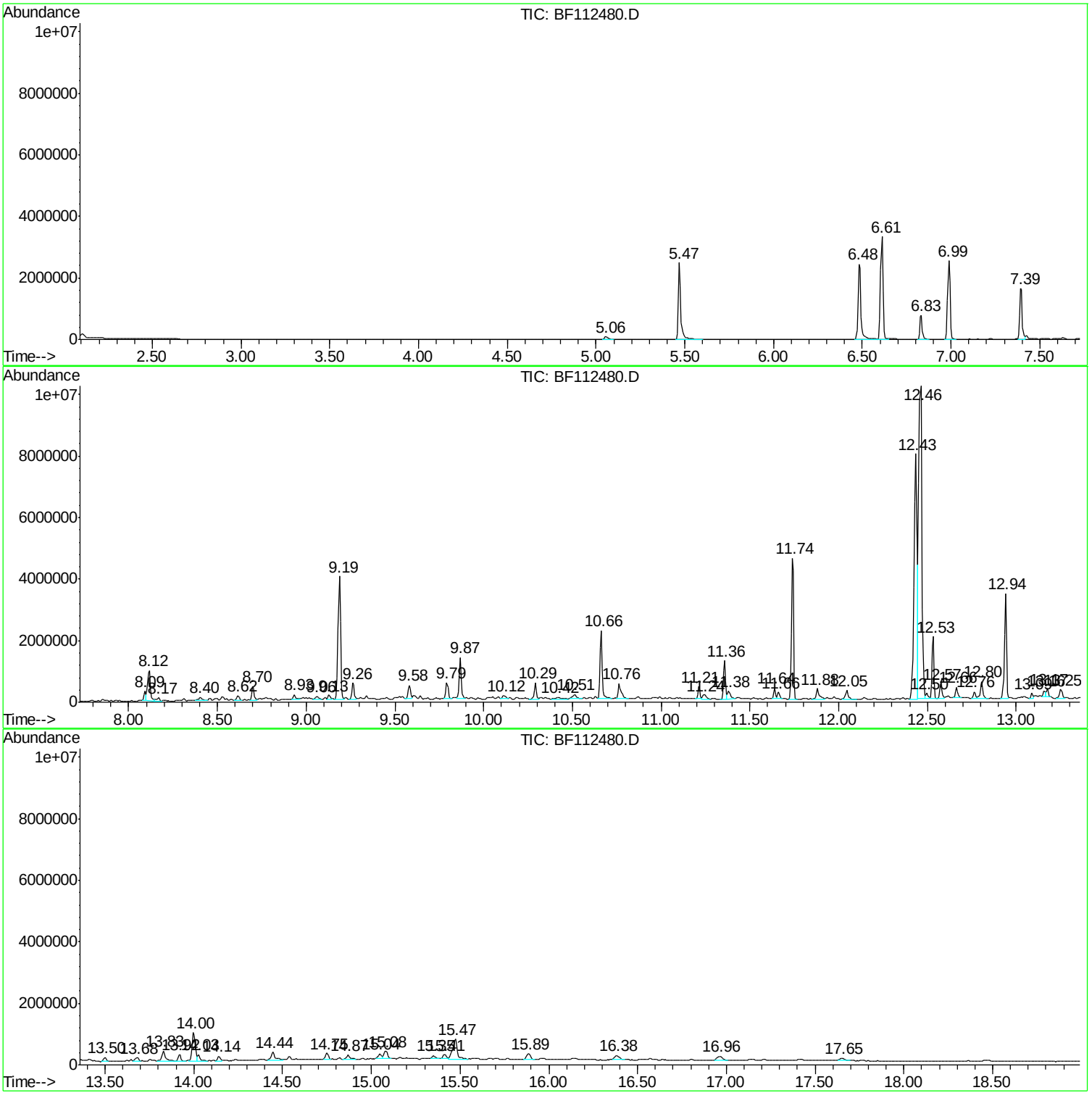
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021119\
Data File : BF112480.D
Acq On : 11 Feb 2019 15:01
Operator : JU/SJ
Sample : K1356-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-03-020819-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021119\
Data File : BF112480.D
Acq On : 11 Feb 2019 15:01
Operator : JU/SJ
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Instrument : BNA_F
ClientSampleId : SU-03-020819-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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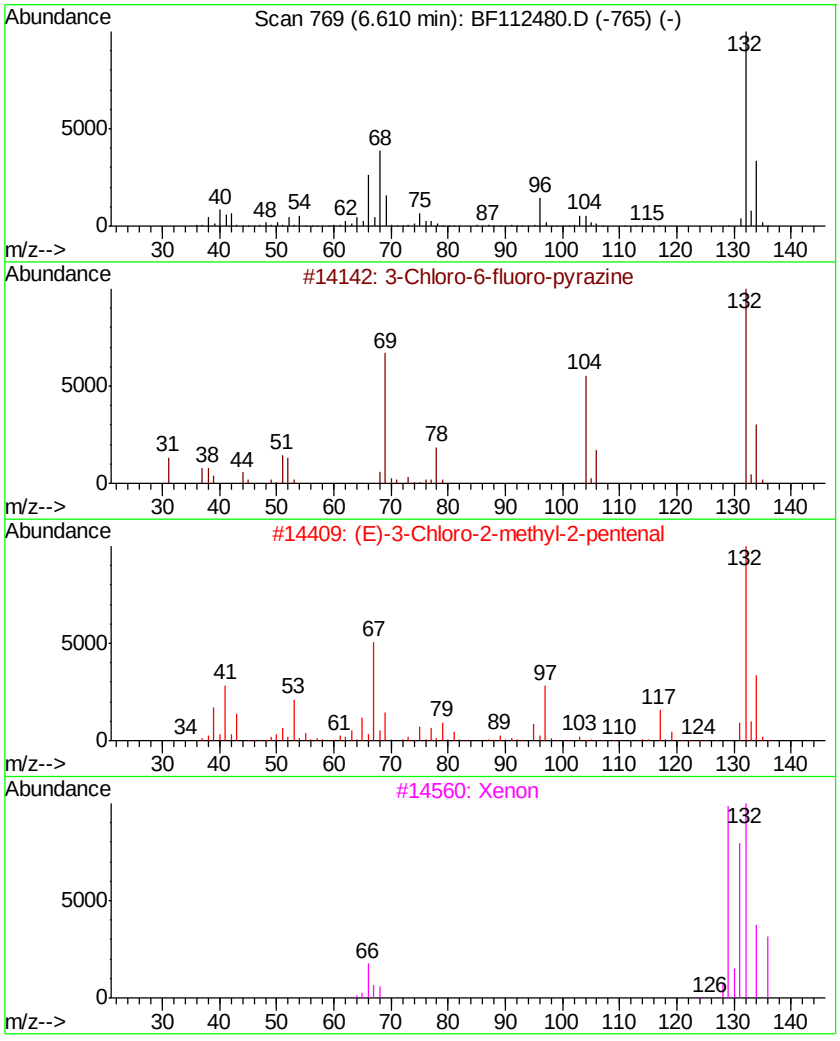
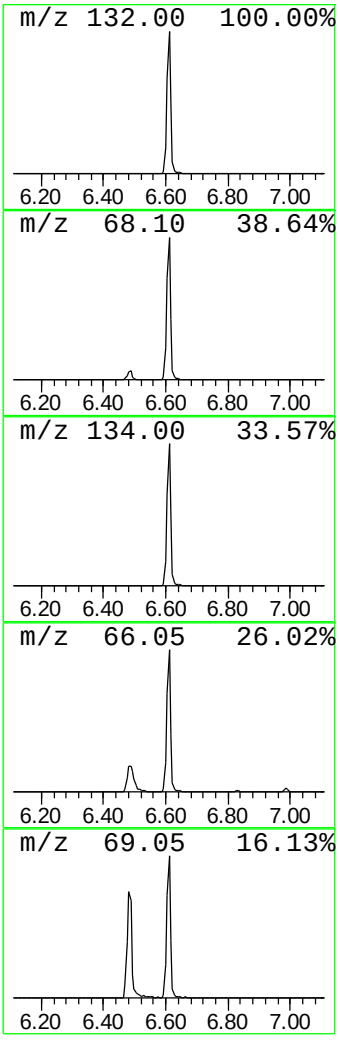
Peak Number 1 unknown6.61 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.61	76.72 ng	2889020	1,4-Dichlorobenzene-d4	6.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	12
3	Xenon	132	Xe	007440-63-3	9
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021119\
Data File : BF112480.D
Acq On : 11 Feb 2019 15:01
Operator : JU/SJ
Sample : K1356-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-03-020819-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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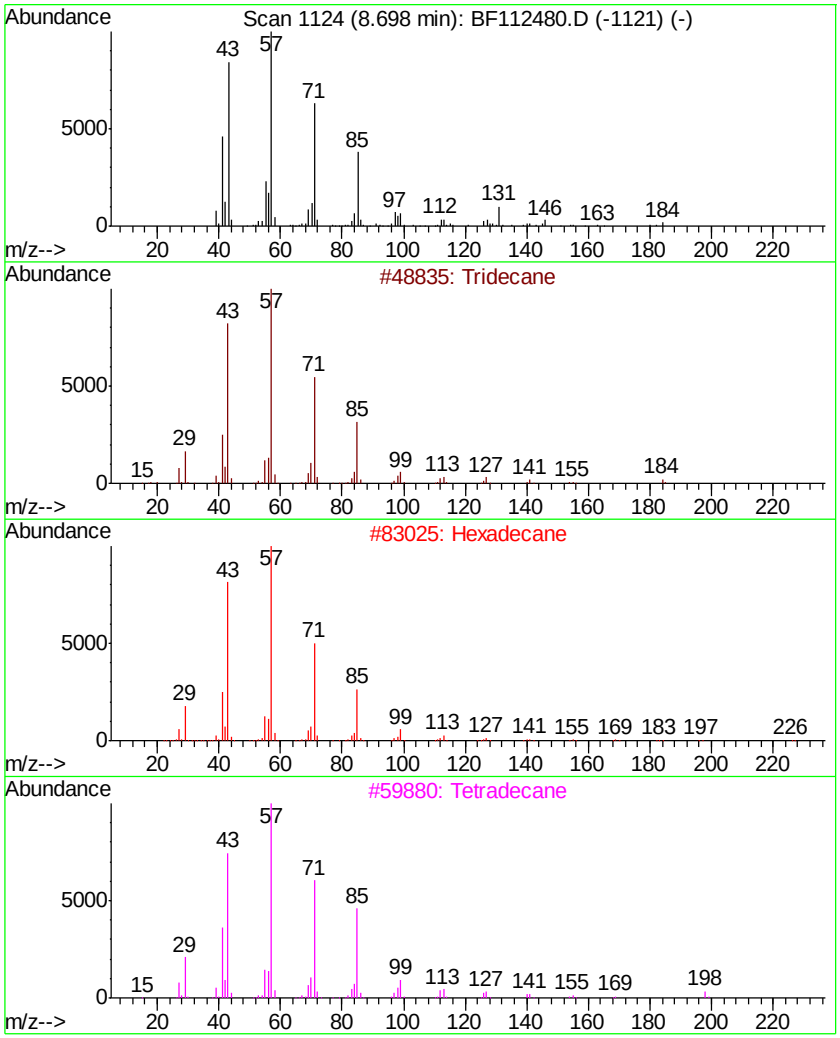
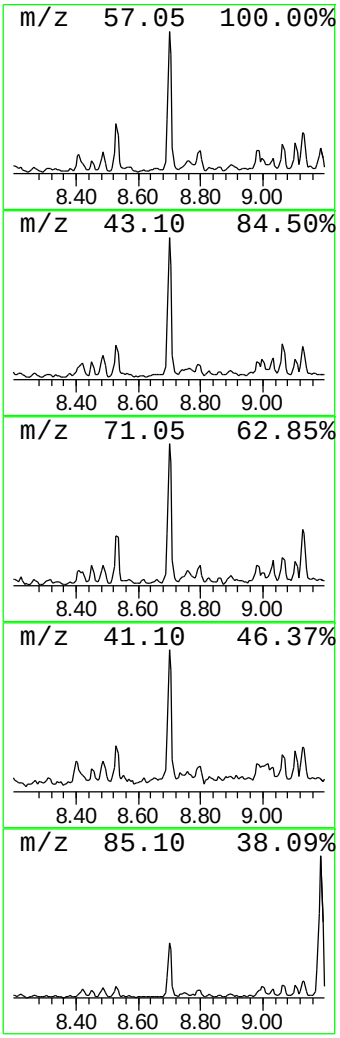
Peak Number 3 Tridecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.70	8.13 ng	411651	Naphthalene-d8	8.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	95
2	Hexadecane	226	C16H34	000544-76-3	80
3	Tetradecane	198	C14H30	000629-59-4	80
4	Dodecane	170	C12H26	000112-40-3	80
5	Nonane, 5-butyl-	184	C13H28	017312-63-9	64





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021119\
Data File : BF112480.D
Acq On : 11 Feb 2019 15:01
Operator : JU/SJ
Sample : K1356-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-03-020819-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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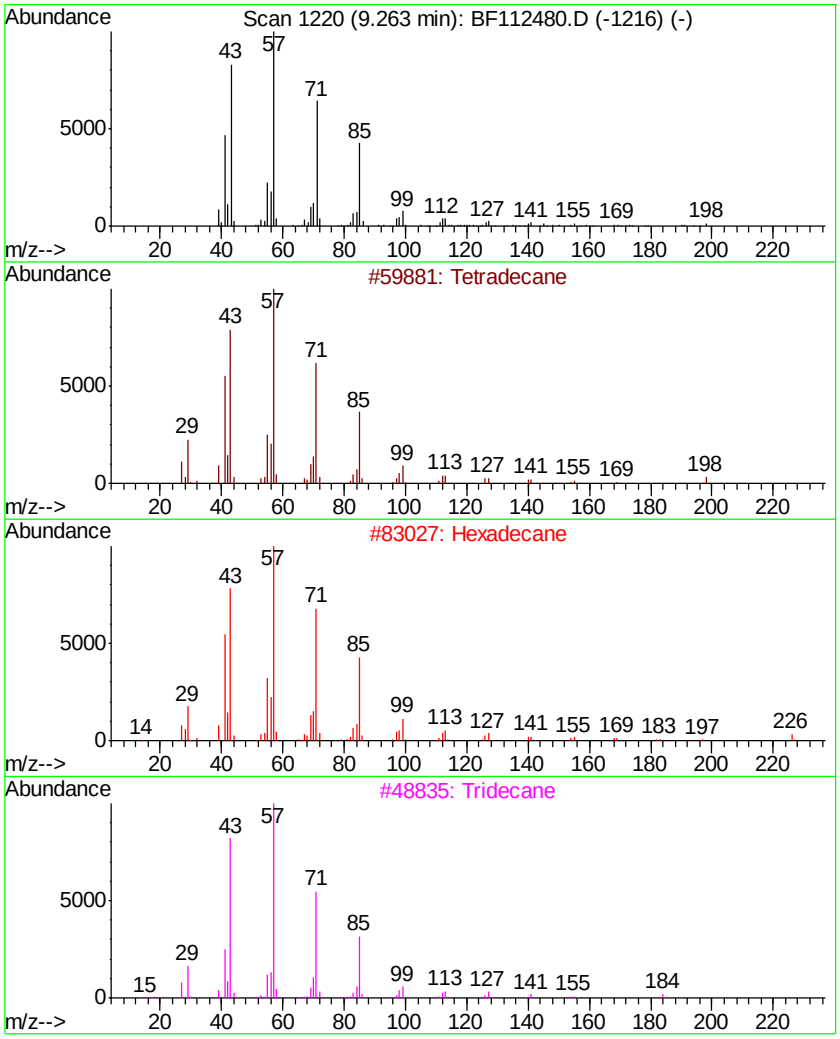
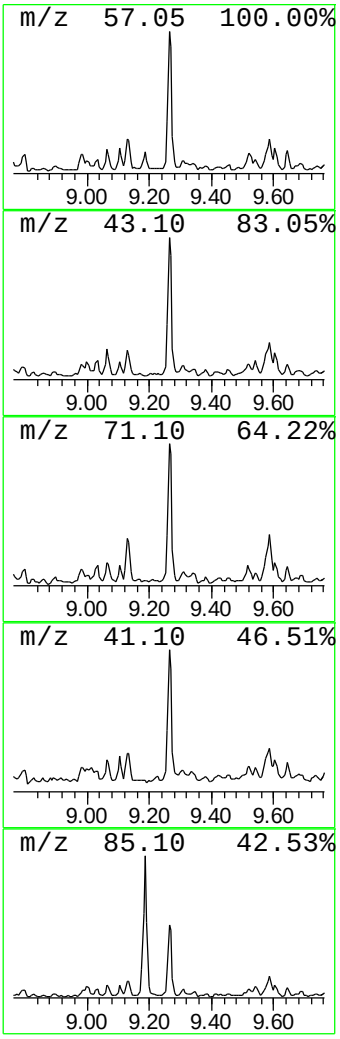
Peak Number 4 Tetradecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.26	9.03 ng	515381	Acenaphthene-d10	9.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	97
2	Hexadecane	226	C16H34	000544-76-3	91
3	Tridecane	184	C13H28	000629-50-5	90
4	Nonadecane	268	C19H40	000629-92-5	86
5	Dodecane	170	C12H26	000112-40-3	86





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021119\
Data File : BF112480.D
Acq On : 11 Feb 2019 15:01
Operator : JU/SJ
Sample : K1356-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-03-020819-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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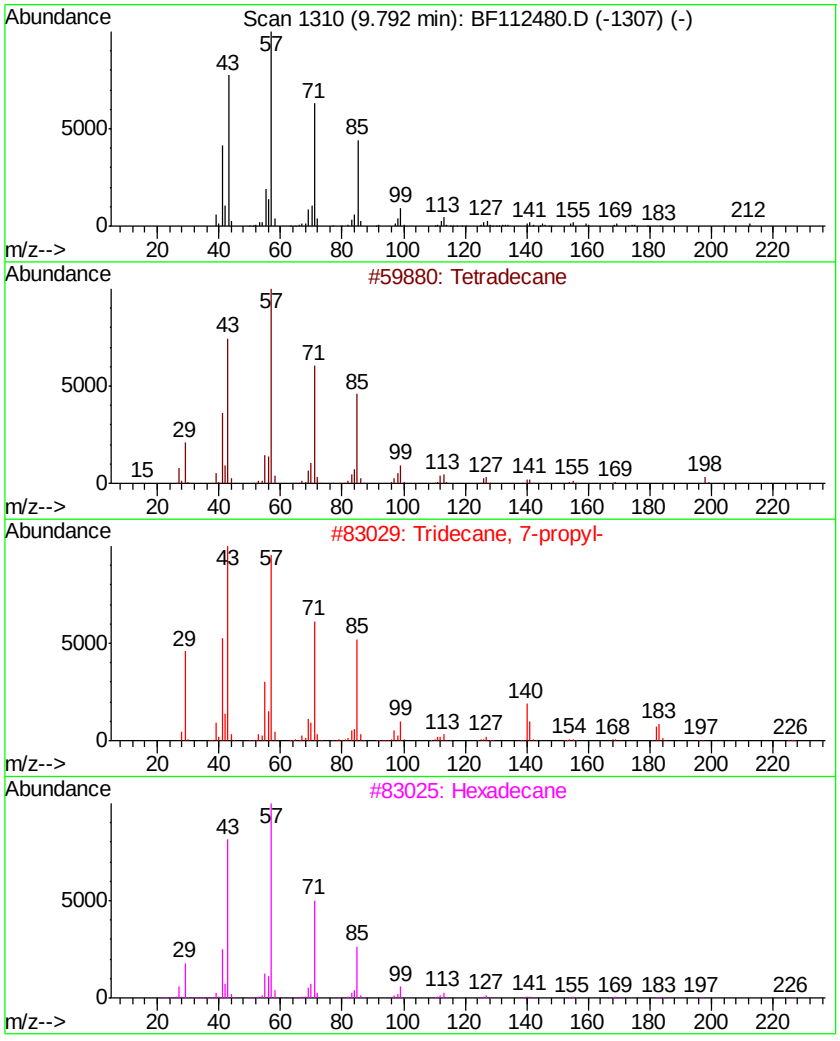
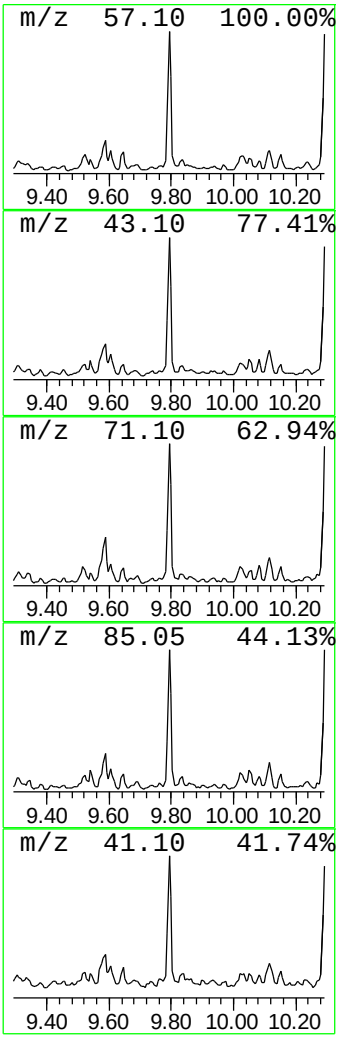
Peak Number 5 Tridecane, 7-propyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.79	7.25 ng	413882	Acenaphthene-d10	9.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	91
2	Tridecane, 7-propyl-	226	C16H34	055045-09-5	86
3	Hexadecane	226	C16H34	000544-76-3	80
4	Pentadecane	212	C15H32	000629-62-9	72
5	Tridecane	184	C13H28	000629-50-5	72





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021119\
Data File : BF112480.D
Acq On : 11 Feb 2019 15:01
Operator : JU/SJ
Sample : K1356-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-03-020819-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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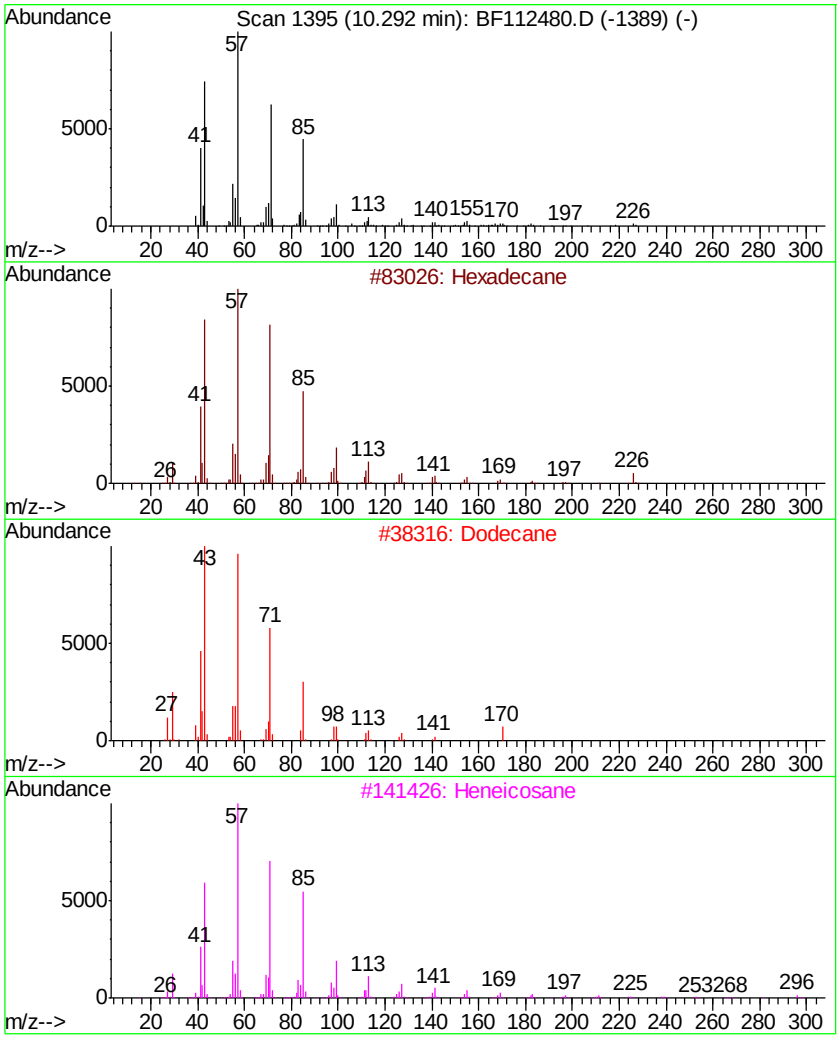
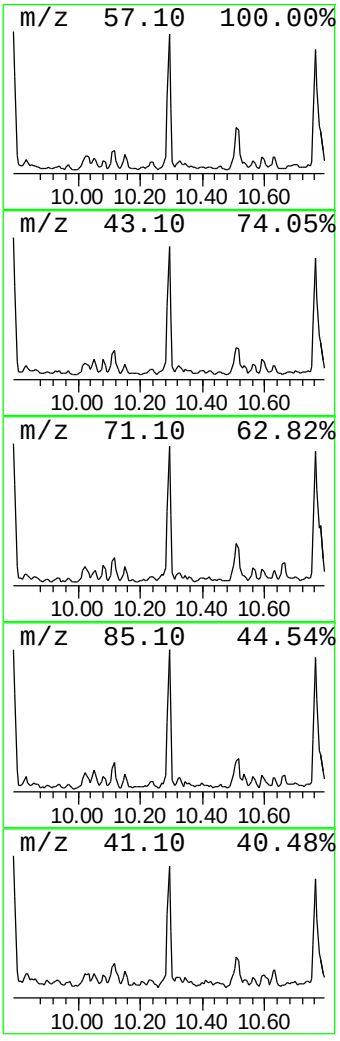
Peak Number 6 Hexadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.29	8.40 ng	479699	Acenaphthene-d10	9.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	95
2	Dodecane	170	C12H26	000112-40-3	90
3	Heneicosane	296	C21H44	000629-94-7	90
4	Tetradecane	198	C14H30	000629-59-4	87
5	Nonadecane	268	C19H40	000629-92-5	83





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021119\
Data File : BF112480.D
Acq On : 11 Feb 2019 15:01
Operator : JU/SJ
Sample : K1356-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-03-020819-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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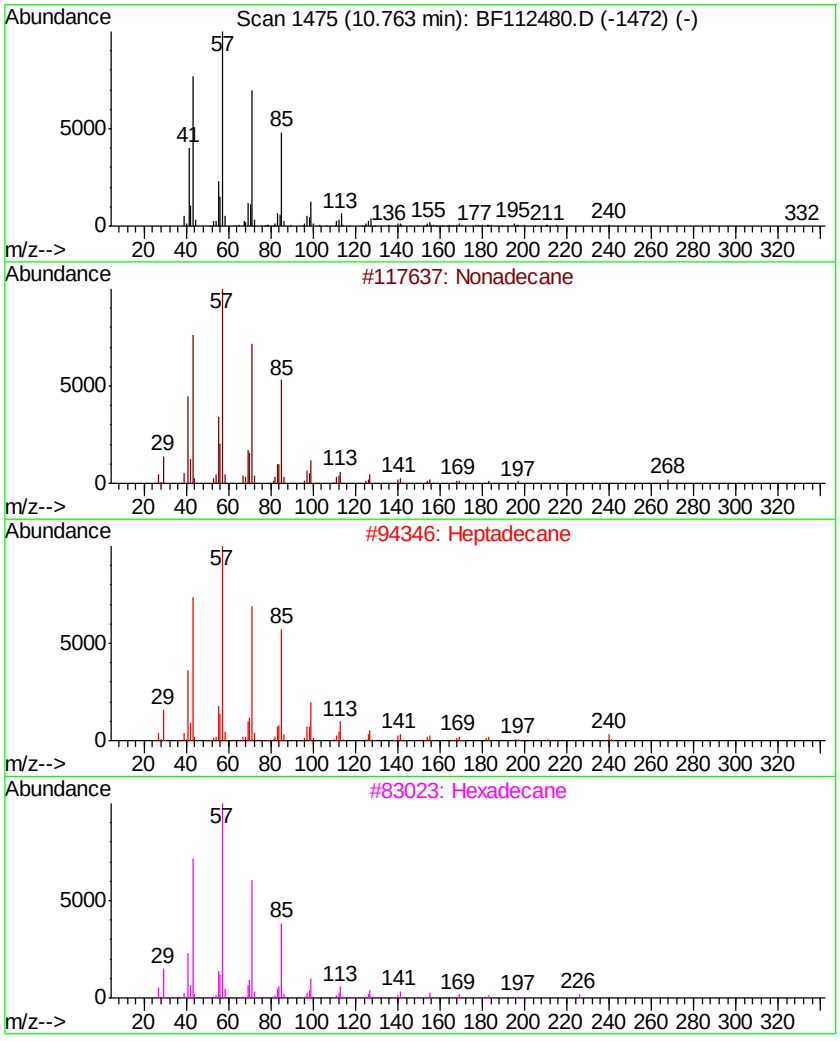
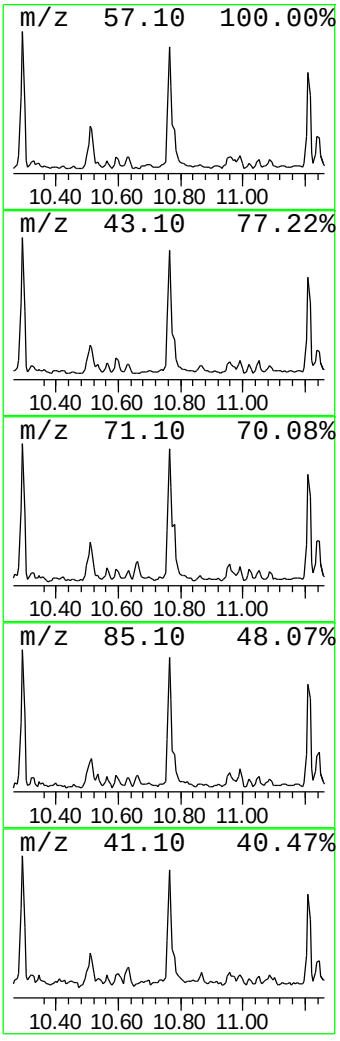
Peak Number 7 Tridecane, 1-iodo- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.76	9.81 ng	542919	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	91
2	Heptadecane	240	C17H36	000629-78-7	91
3	Hexadecane	226	C16H34	000544-76-3	90
4	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	86
5	Eicosane	282	C20H42	000112-95-8	86





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021119\
Data File : BF112480.D
Acq On : 11 Feb 2019 15:01
Operator : JU/SJ
Sample : K1356-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-03-020819-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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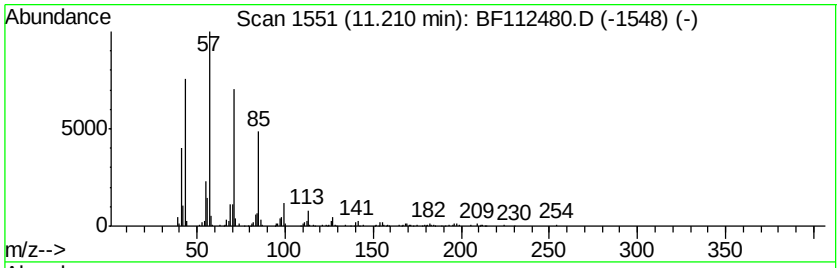
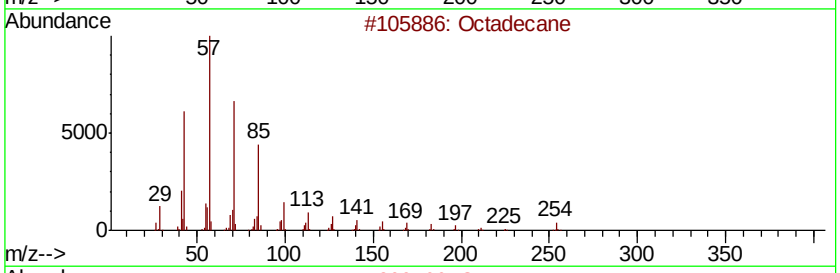
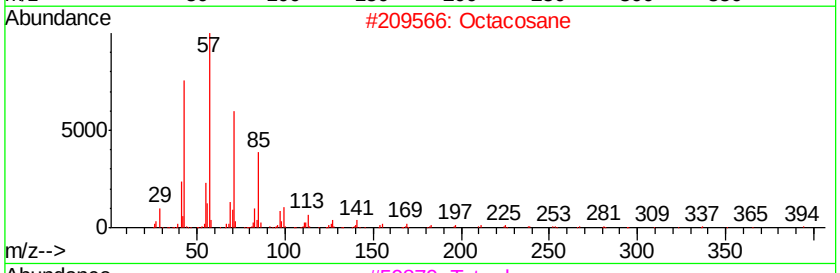
Peak Number 8 Octadecane Concentration Rank 14

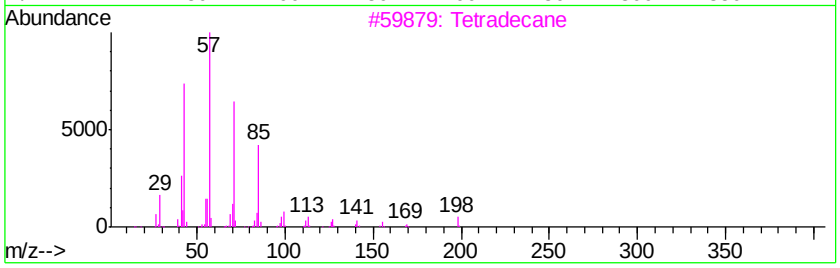
R.T.	EstConc	Area	Relative to ISTD	R.T.
11.21	6.06 ng	335181	Phenanthrene-d10	11.36

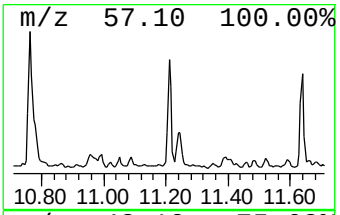
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	94
2	Octacosane	394	C28H58	000630-02-4	91
3	Tetradecane	198	C14H30	000629-59-4	91
4	Pentadecane	212	C15H32	000629-62-9	91
5	Eicosane	282	C20H42	000112-95-8	91

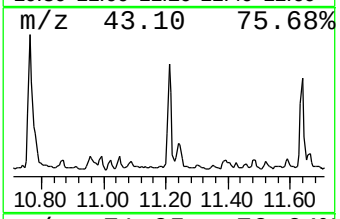


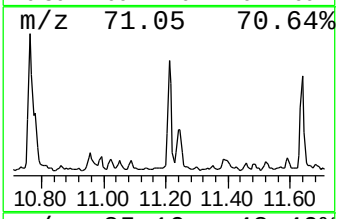


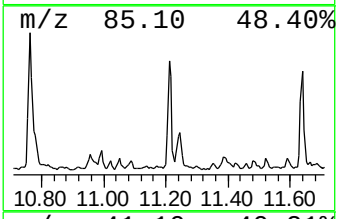


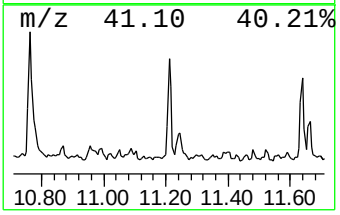












Library Search Compound Report

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Acq On : 11 Feb 2019 15:01
Operator : JU/SJ
Sample : K1356-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-03-020819-A

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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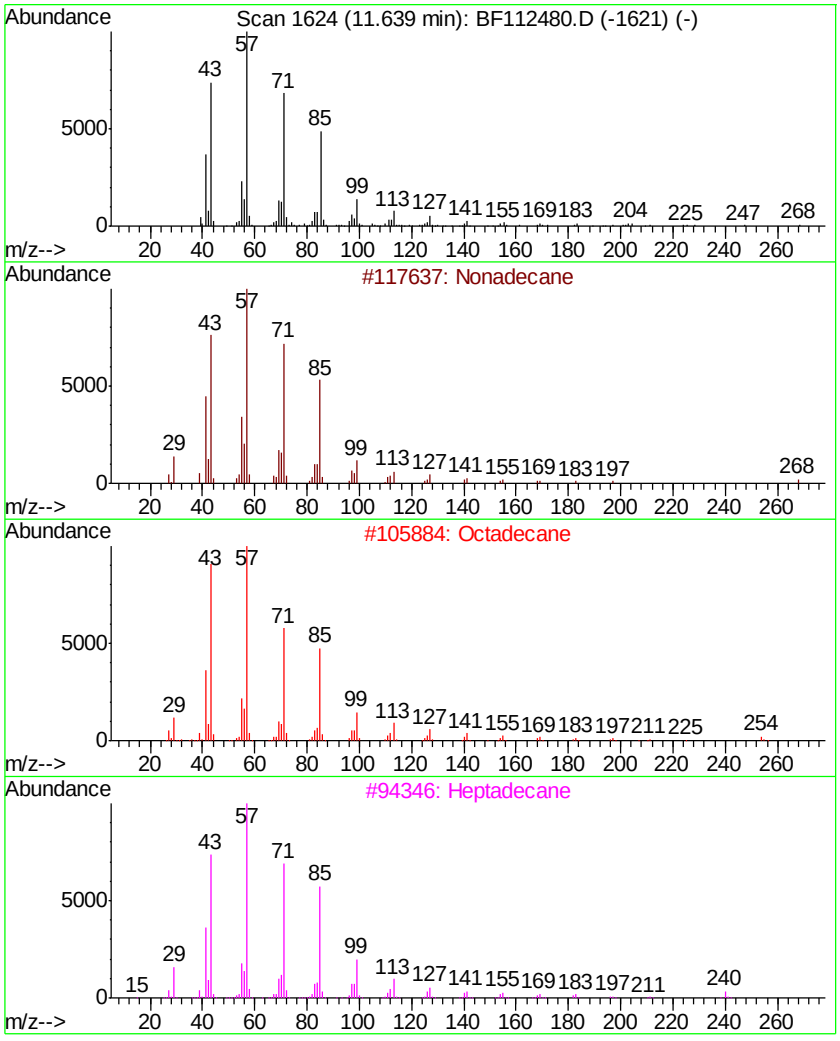
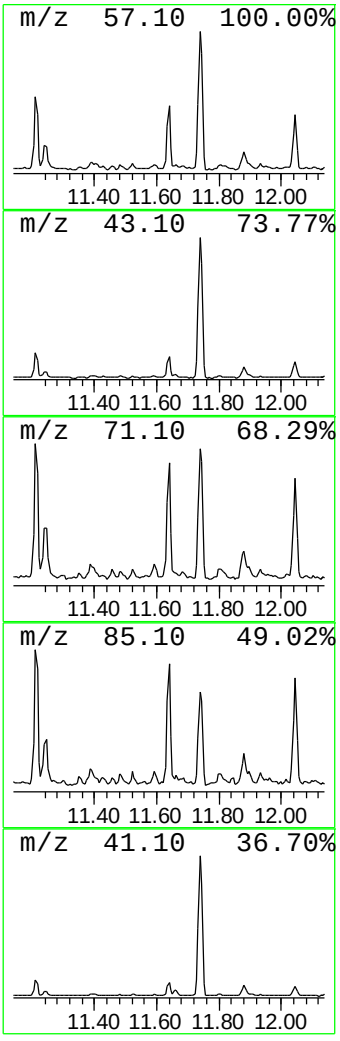
Peak Number 9 Nonadecane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.64	5.06 ng	280073	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	97
2	Octadecane	254	C18H38	000593-45-3	91
3	Heptadecane	240	C17H36	000629-78-7	91
4	Heneicosane	296	C21H44	000629-94-7	91
5	Pentadecane	212	C15H32	000629-62-9	91





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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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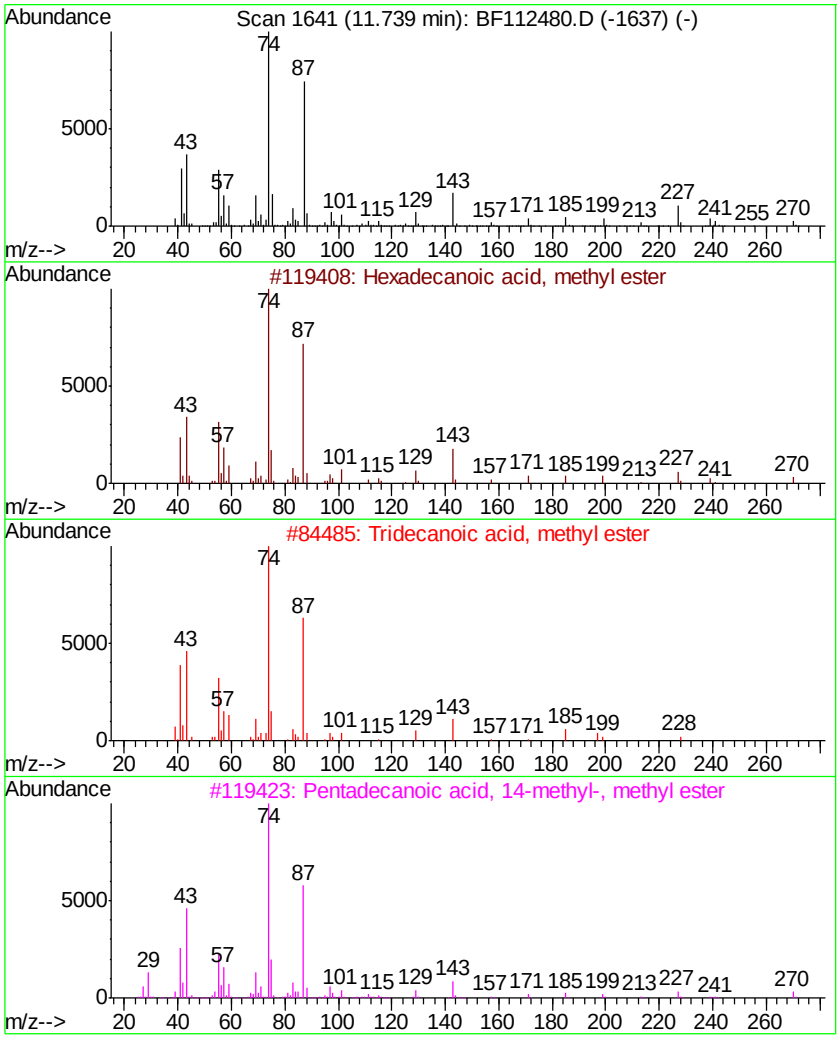
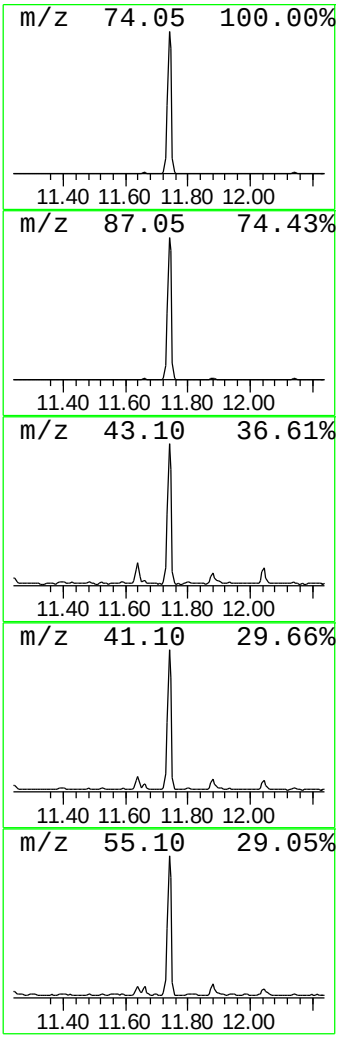
Peak Number 10 Hexadecanoic acid, methyl e... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.74	76.42 ng	4229800	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	98
2	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	95
3	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	93
4	Decanoic acid, methyl ester	186	C11H22O2	000110-42-9	87
5	Hexadecanoic acid, 15-methyl-, m...	284	C18H36O2	006929-04-0	87





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TIC Integration Parameters: LSCINT.P

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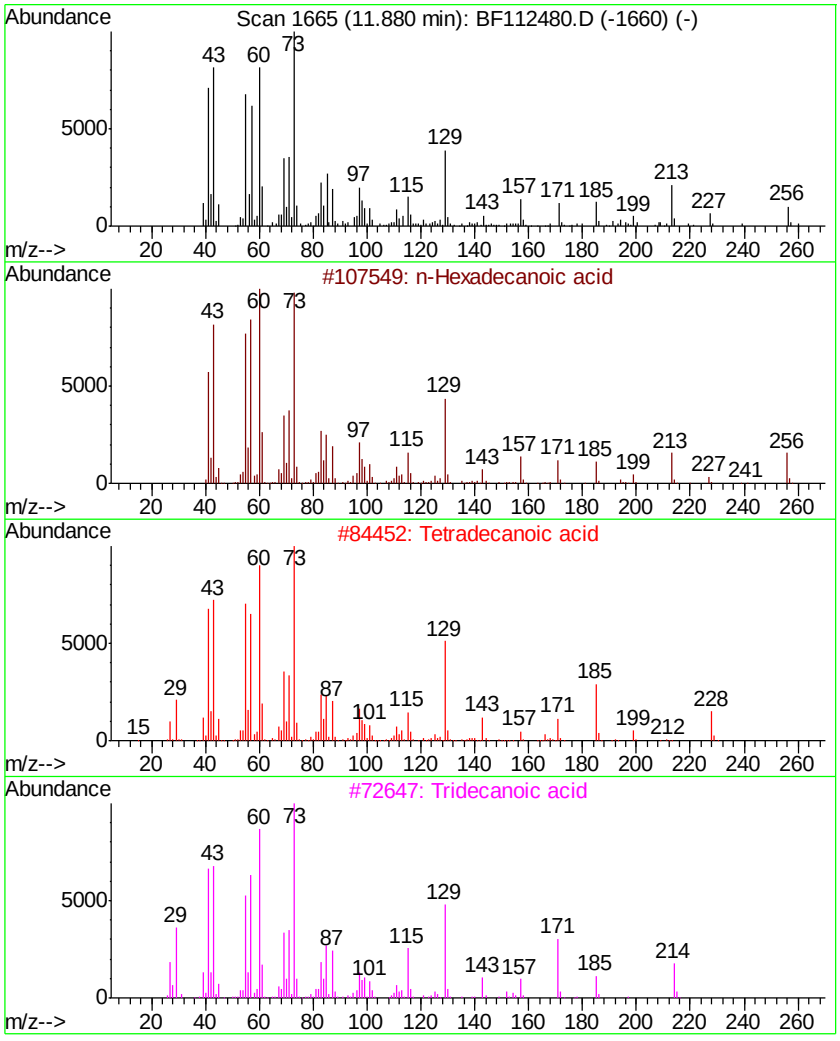
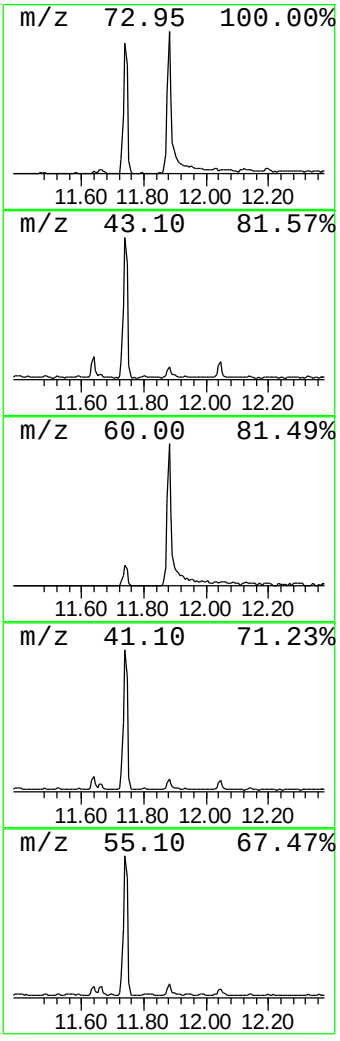
Peak Number 11 n-Hexadecanoic acid Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.88	7.30 ng	403857	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	91
3	Tridecanoic acid	214	C13H26O2	000638-53-9	91
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	91
5	n-Decanoic acid	172	C10H20O2	000334-48-5	70





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ClientSampleId : SU-03-020819-A

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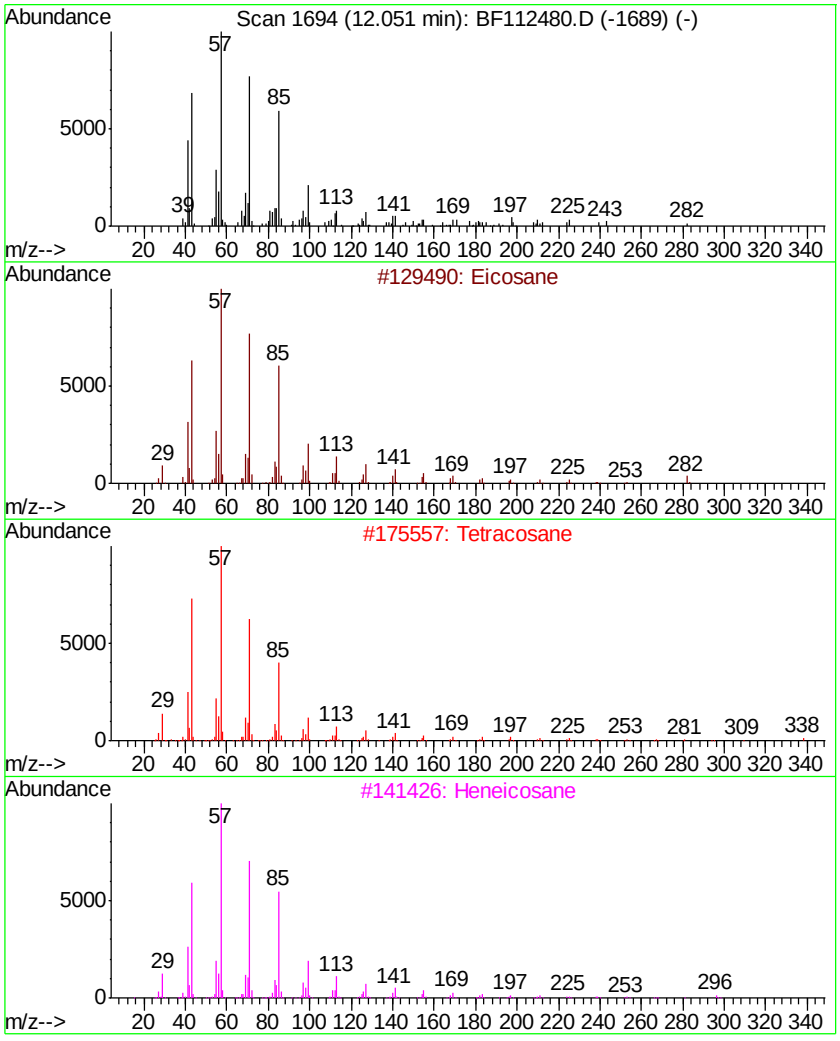
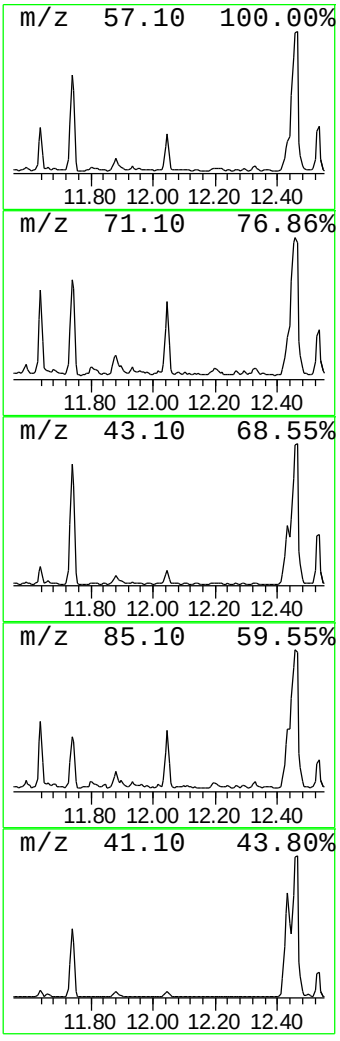
Peak Number 12 Eicosane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.05	5.37 ng	297336	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	93
2	Tetracosane	338	C24H50	000646-31-1	91
3	Heneicosane	296	C21H44	000629-94-7	91
4	Heptadecane	240	C17H36	000629-78-7	90
5	Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	90





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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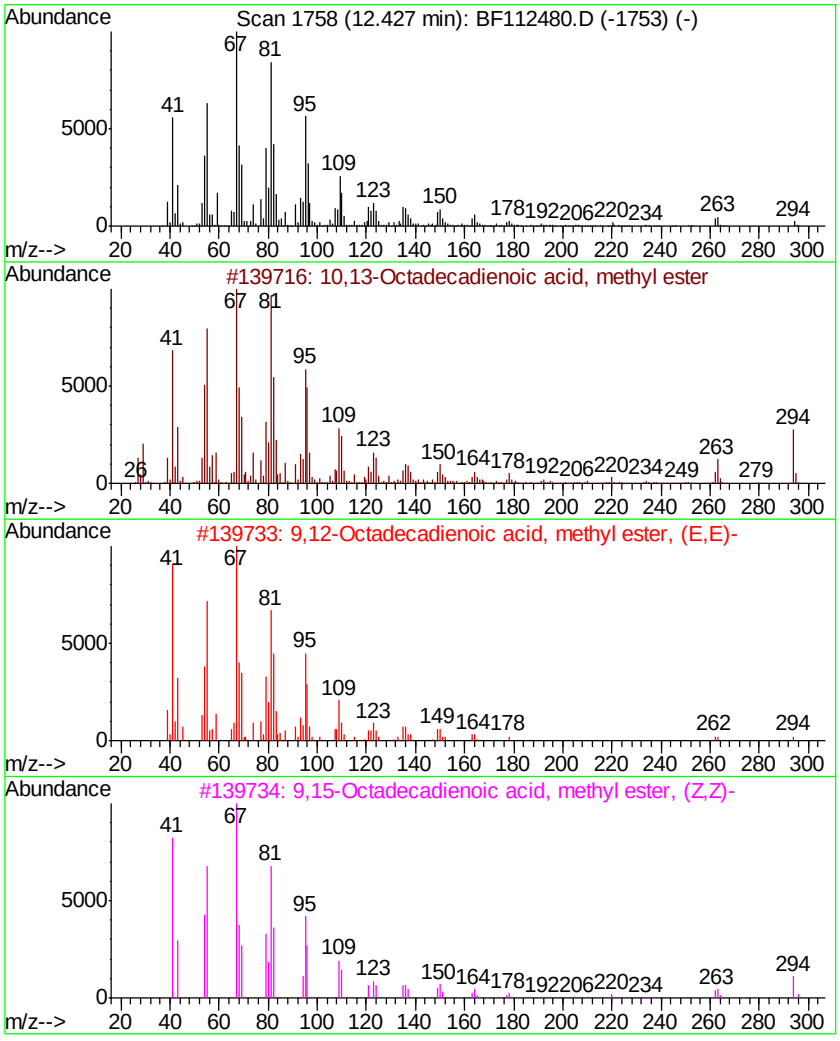
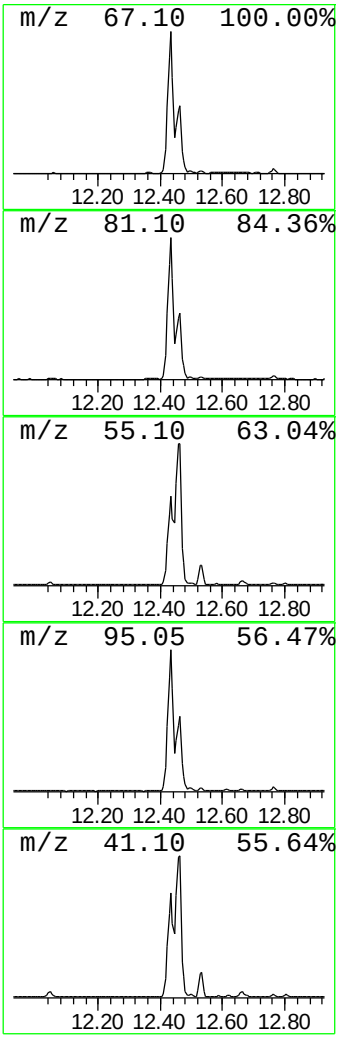
Peak Number 13 10,13-Octadecadienoic acid,... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.43	191.03 ng	10573100	Phenanthrene-d10	11.36

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, methy...	294	C19H34O2	002566-97-4	99
3	9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	99
4	8,11-Octadecadienoic acid, methy...	294	C19H34O2	056599-58-7	99
5	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	99





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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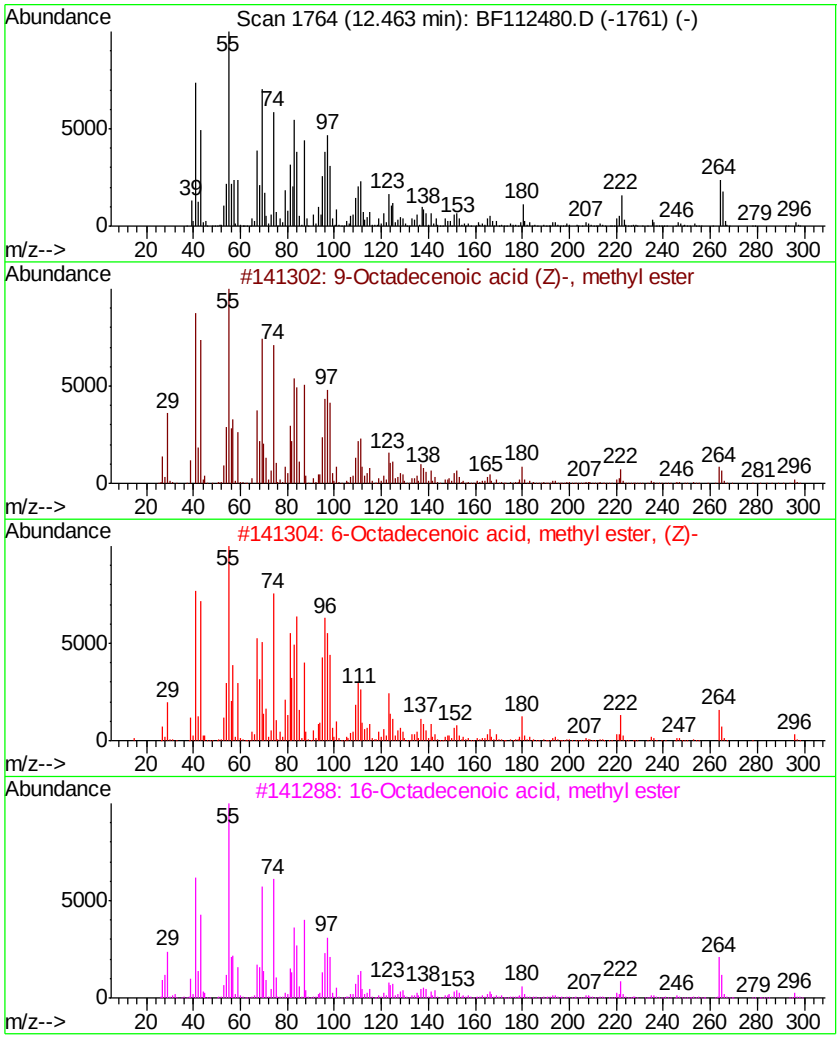
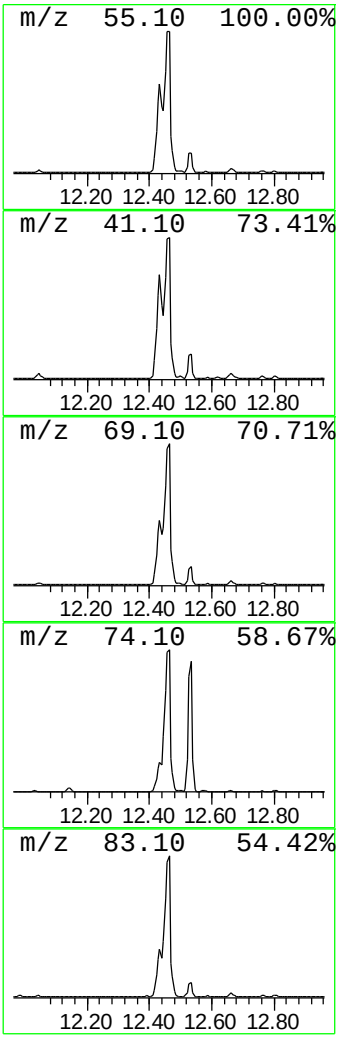
Peak Number 14 9-Octadecenoic acid (Z)-, m... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.46	203.22 ng	11247900	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	99
2	6-Octadecenoic acid, methyl este...	296	C19H36O2	002777-58-4	99
3	16-Octadecenoic acid, methyl ester	296	C19H36O2	056554-49-5	99
4	13-Octadecenoic acid, methyl ester	296	C19H36O2	056554-47-3	99
5	11-Octadecenoic acid, methyl ester	296	C19H36O2	052380-33-3	99





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Sample : K1356-05
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ClientSampleId : SU-03-020819-A

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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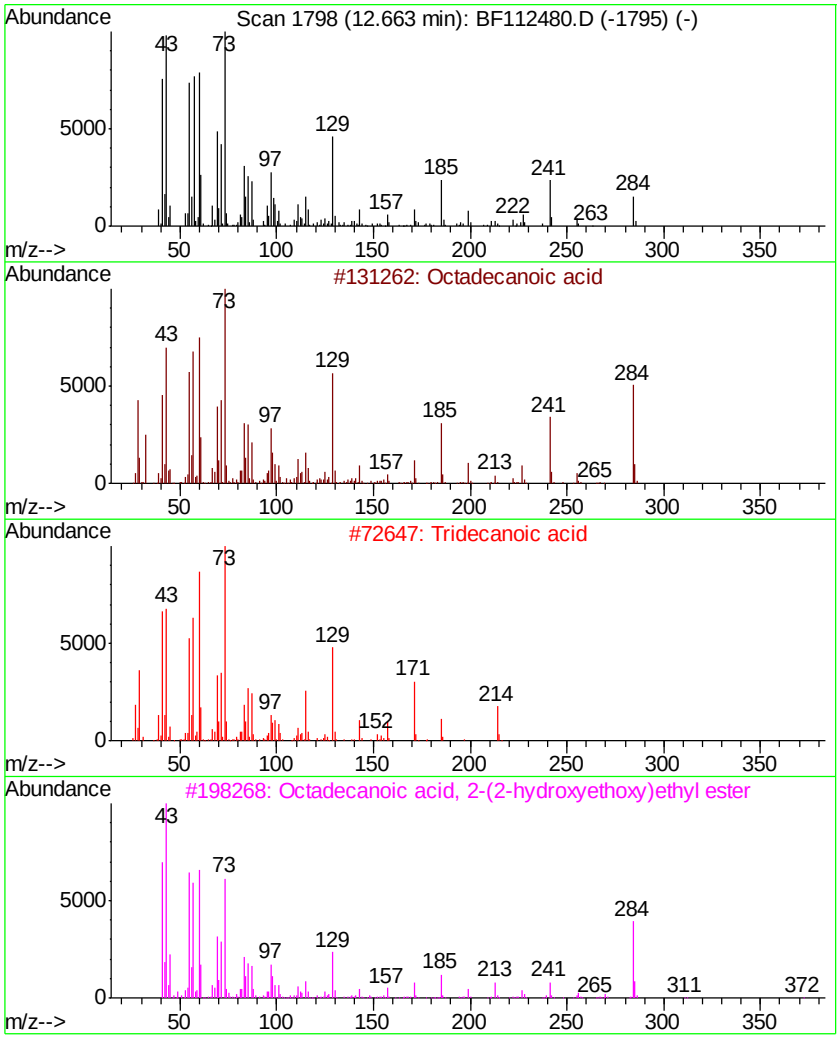
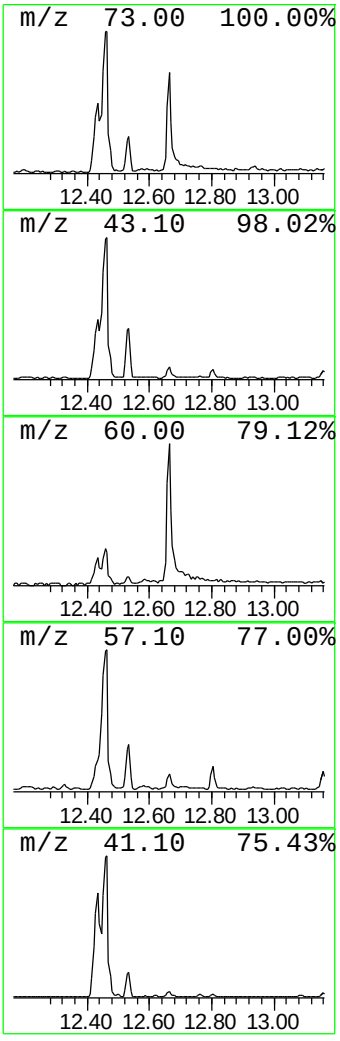
Peak Number 15 Octadecanoic acid Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.66	5.56 ng	307765	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Tridecanoic acid	214	C13H26O2	000638-53-9	90
3	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	87
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	81
5	Undecanoic acid	186	C11H22O2	000112-37-8	74





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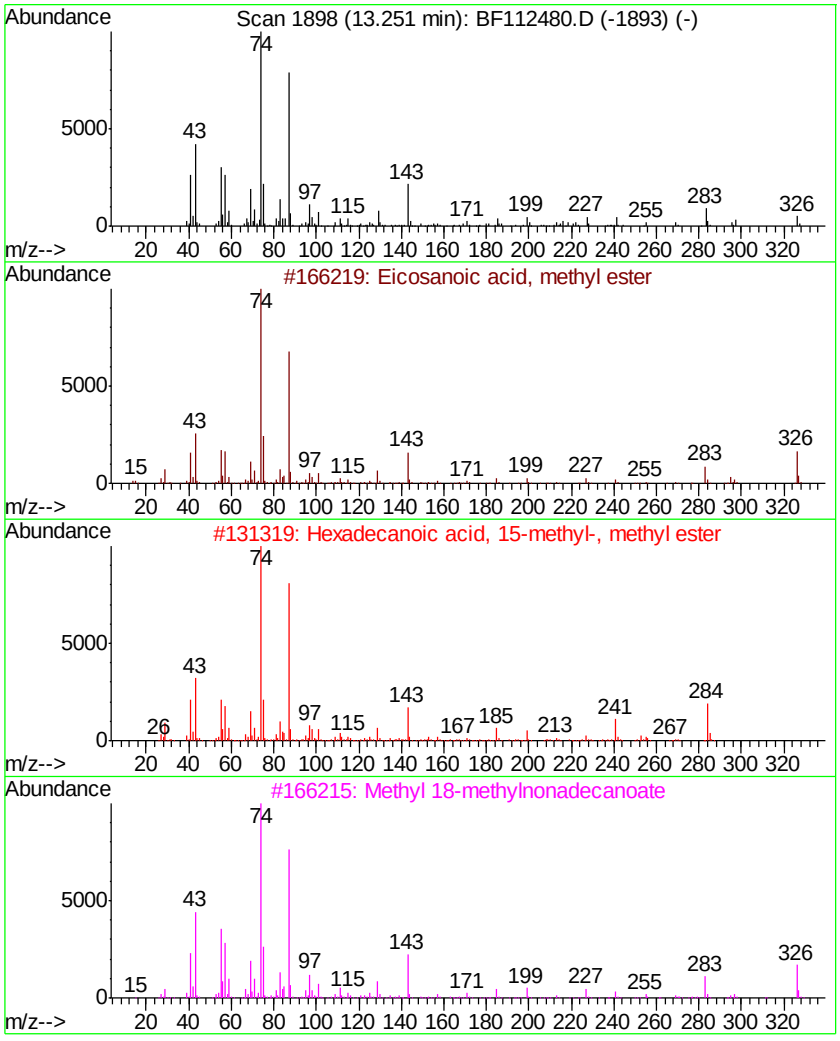
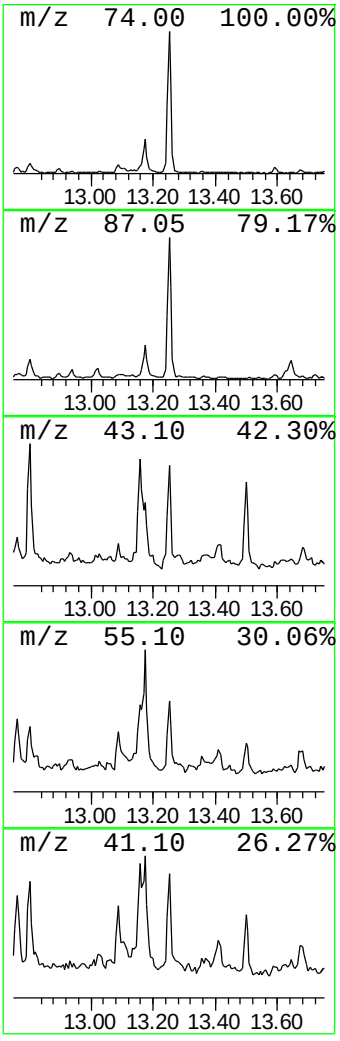
Peak Number 16 Eicosanoic acid, methyl ester Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.25	5.44 ng	296269	Chrysene-d12	14.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosanoic acid, methyl ester	326	C21H42O2	001120-28-1	97
2	Hexadecanoic acid, 15-methyl-, m...	284	C18H36O2	006929-04-0	95
3	Methyl 18-methylnonadecanoate	326	C21H42O2	1000352-20-6	94
4	Heptadecanoic acid, methyl ester	284	C18H36O2	001731-92-6	93
5	Nonadecanoic acid, methyl ester	312	C20H40O2	001731-94-8	90





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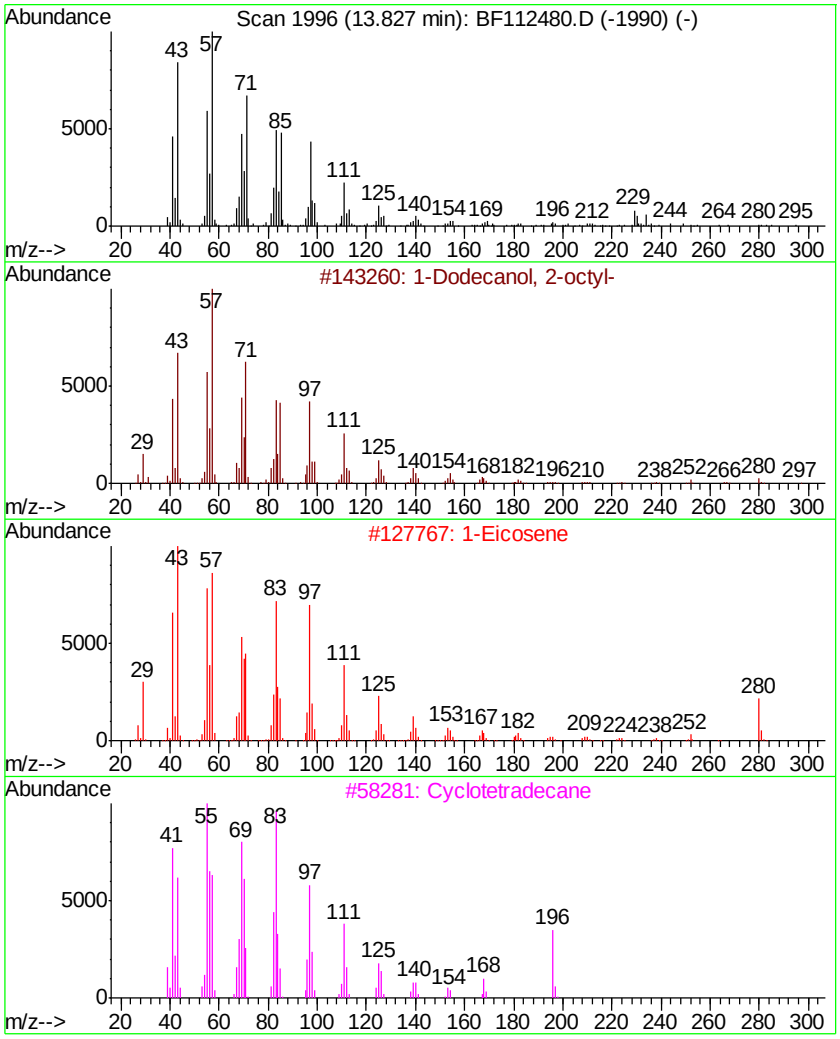
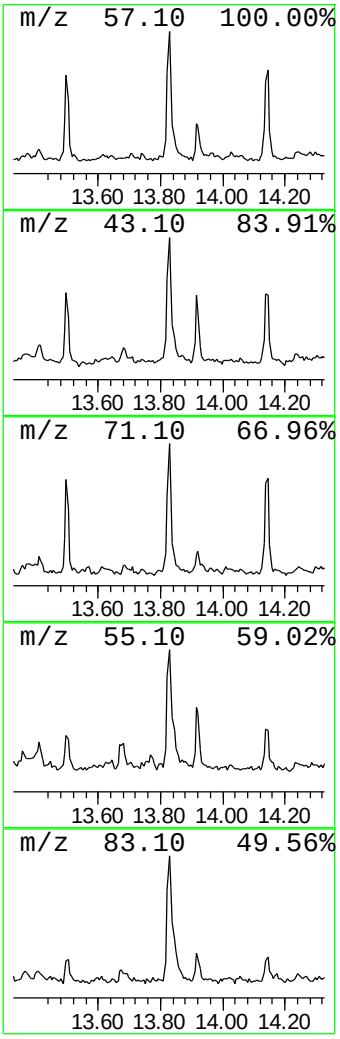
Peak Number 17 1-Dodecanol, 2-octyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.83	8.88 ng	483636	Chrysene-d12	14.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Dodecanol, 2-octyl-	298	C20H42O	005333-42-6	91
2	1-Eicosene	280	C20H40	003452-07-1	91
3	Cyclotetradecane	196	C14H28	000295-17-0	86
4	1-Docosene	308	C22H44	001599-67-3	70
5	Octadecyl trifluoroacetate	366	C20H37F3O2	079392-43-1	70





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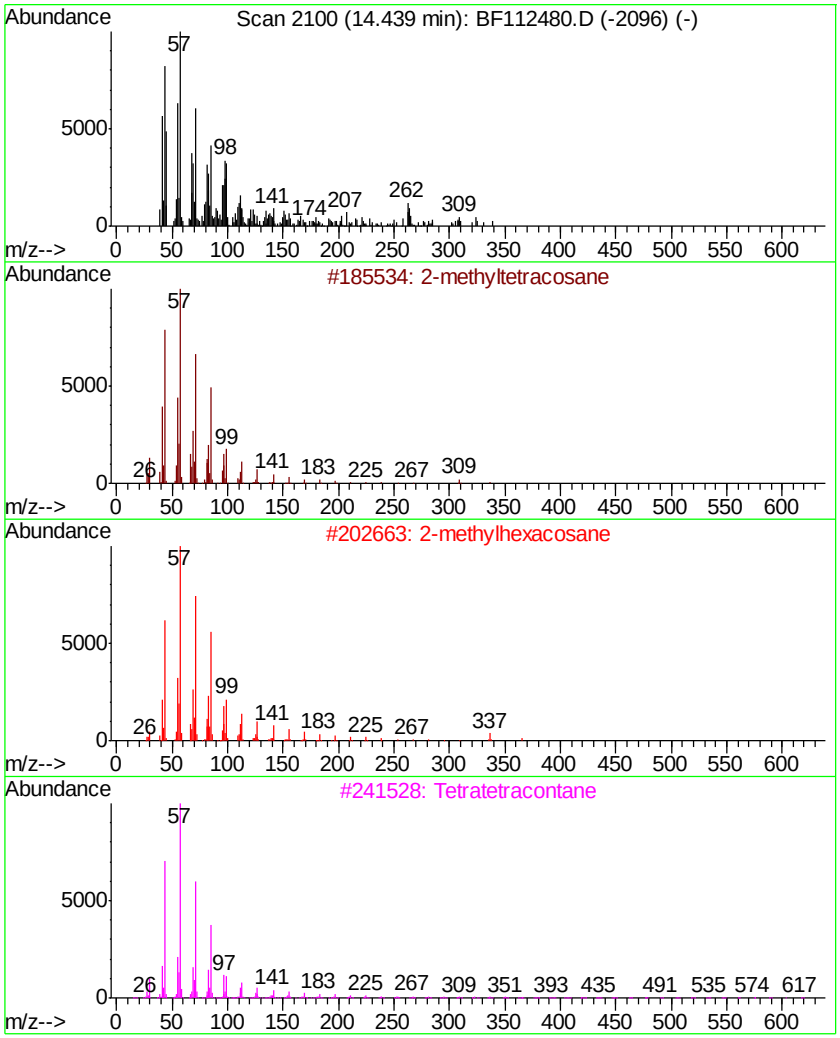
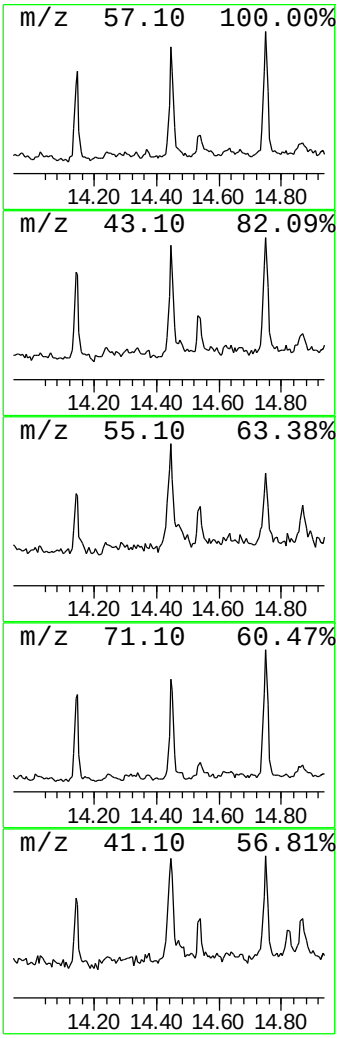
Peak Number 18 2-methyltetracosane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.44	7.85 ng	427637	Chrysene-d12	14.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-methyltetracosane	352	C25H52	1000376-72-6	81
2	2-methylhexacosane	380	C27H56	1000376-72-7	76
3	Tetratetracontane	619	C44H90	007098-22-8	74
4	Tetracosane	338	C24H50	000646-31-1	74
5	Heptacosane	380	C27H56	000593-49-7	74





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Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-03-020819-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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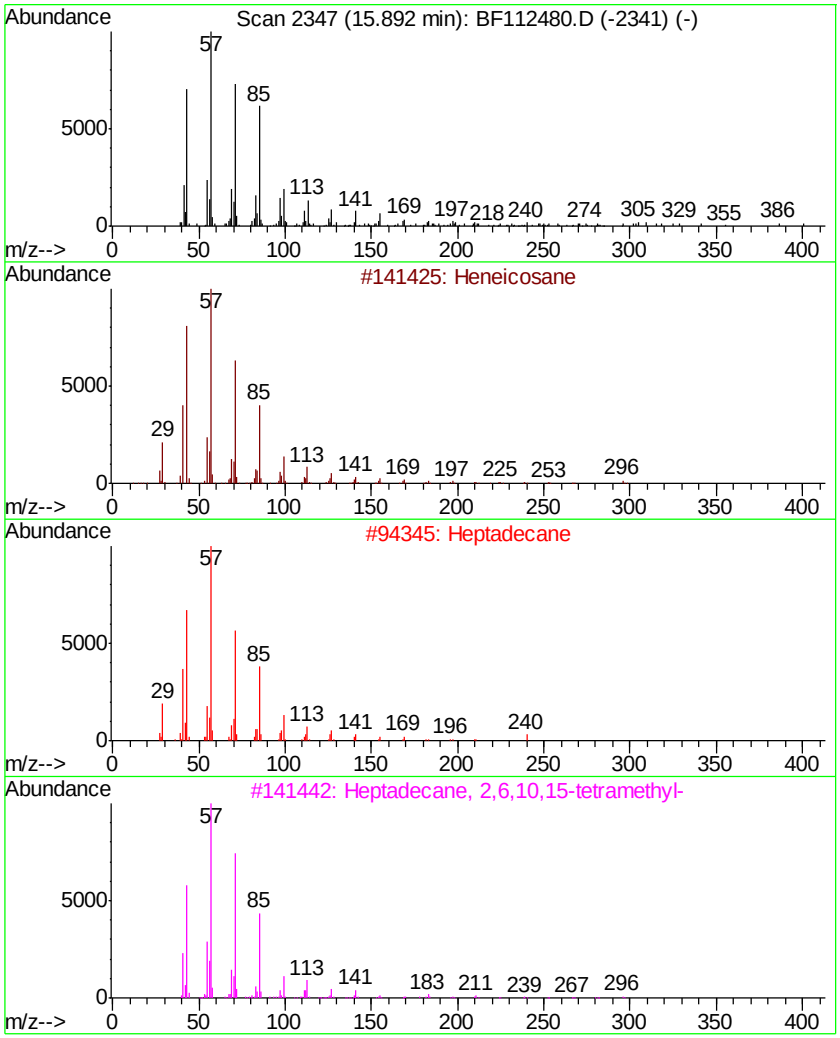
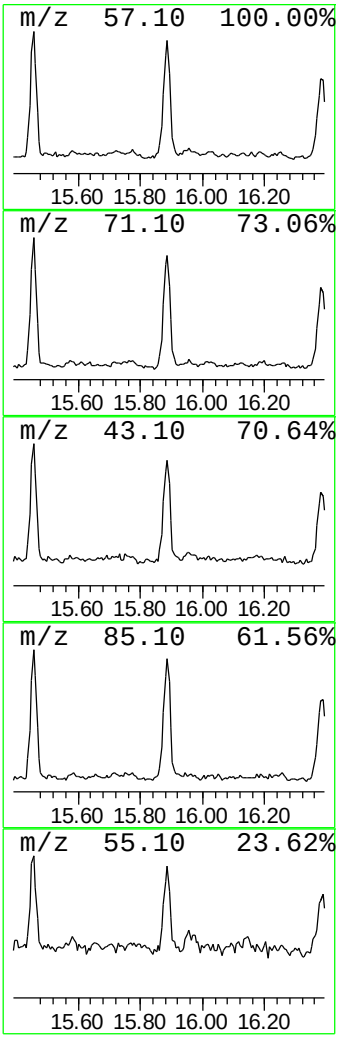
Peak Number 19 Heneicosane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.89	5.09 ng	295845	Perylene-d12	15.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	97
2	Heptadecane	240	C17H36	000629-78-7	93
3	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	93
4	Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	93
5	Octacosane	394	C28H58	000630-02-4	90





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021119\
Data File : BF112480.D
Acq On : 11 Feb 2019 15:01
Operator : JU/SJ
Sample : K1356-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-03-020819-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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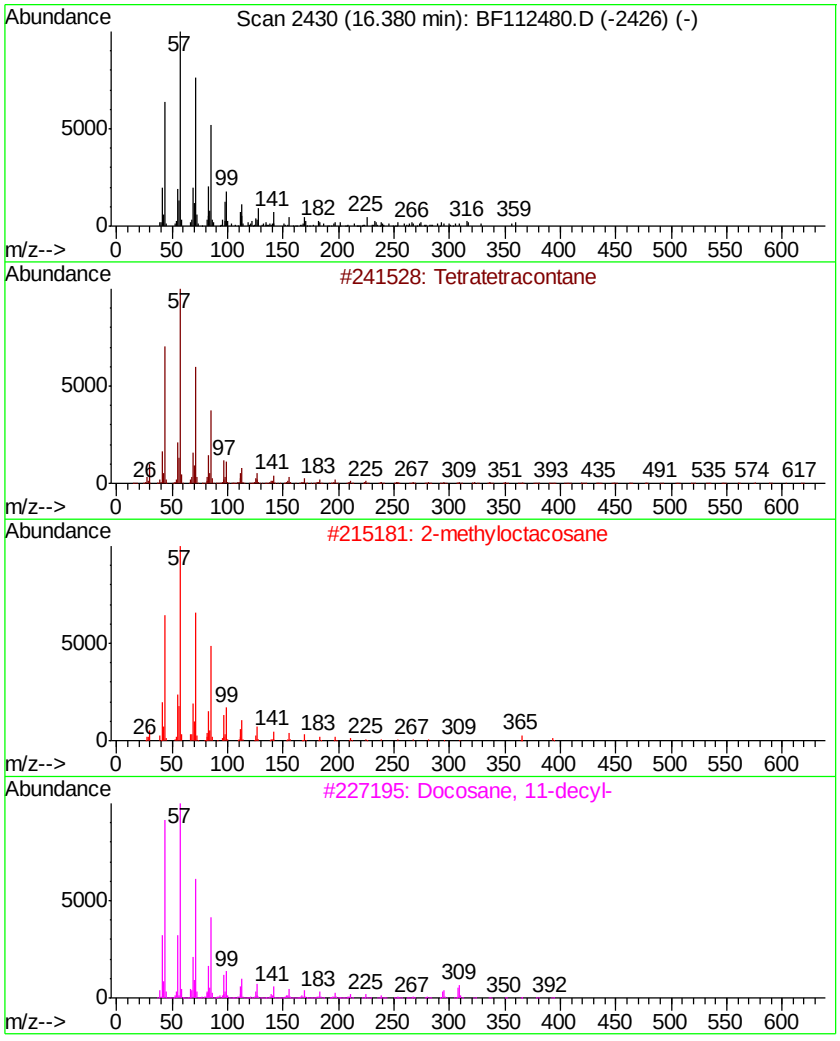
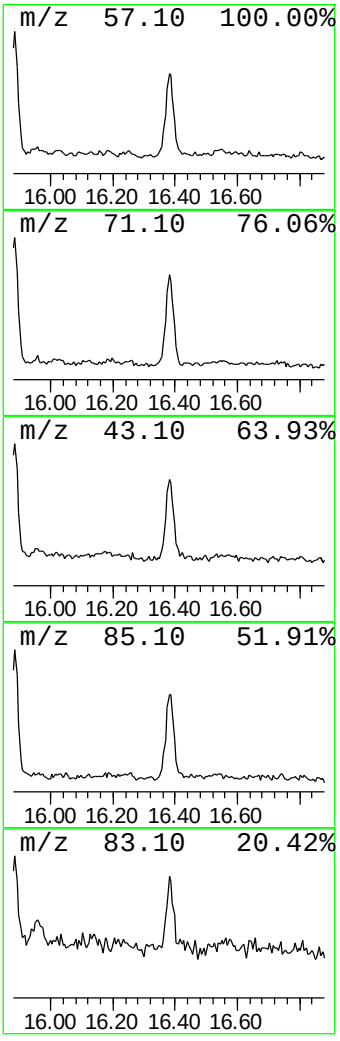
Peak Number 20 Tetratetracontane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.38	4.28 ng	248657	Perylene-d12	15.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetratetracontane	619	C44H90	007098-22-8	91
2	2-methyloctacosane	408	C29H60	1000376-72-8	91
3	Docosane, 11-decyl-	451	C32H66	055401-55-3	91
4	Hexacosane	366	C26H54	000630-01-3	90
5	Tetracosane	338	C24H50	000646-31-1	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF021119\
Data File : BF112480.D
Acq On : 11 Feb 2019 15:01
Operator : JU/SJ
Sample : K1356-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-03-020819-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown6.61	6.61	76.7	ng	2889020	1	6.83	753148	20.0
Tridecane	8.70	8.1	ng	411651	2	8.12	1013120	20.0
Tetradecane	9.26	9.0	ng	515381	3	9.87	1141540	20.0
Tridecane, 7-propyl-	9.79	7.3	ng	413882	3	9.87	1141540	20.0
Hexadecane	10.29	8.4	ng	479699	3	9.87	1141540	20.0
Tridecane, 1-iodo-	10.76	9.8	ng	542919	4	11.36	1106950	20.0
Octadecane	11.21	6.1	ng	335181	4	11.36	1106950	20.0
Nonadecane	11.64	5.1	ng	280073	4	11.36	1106950	20.0
Hexadecanoic acid...	11.74	76.4	ng	4229800	4	11.36	1106950	20.0
n-Hexadecanoic acid	11.88	7.3	ng	403857	4	11.36	1106950	20.0
Eicosane	12.05	5.4	ng	297336	4	11.36	1106950	20.0
10,13-Octadecadie...	12.43	191.0	ng	10573100	4	11.36	1106950	20.0
9-Octadecenoic ac...	12.46	203.2	ng	11247900	4	11.36	1106950	20.0
Octadecanoic acid	12.66	5.6	ng	307765	4	11.36	1106950	20.0
Eicosanoic acid, ...	13.25	5.4	ng	296269	5	14.00	1088930	20.0
1-Dodecanol, 2-oc...	13.83	8.9	ng	483636	5	14.00	1088930	20.0
2-methyltetracosane	14.44	7.8	ng	427637	5	14.00	1088930	20.0
Heneicosane	15.89	5.1	ng	295845	6	15.47	1161960	20.0
Tetratetracontane	16.38	4.3	ng	248657	6	15.47	1161960	20.0