LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062419\
Data File : BF115161.D
Acq On : 24 Jun 2019 21:41
Operator : HP/JU
Sample : K3482-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-2

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-BF062119.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	2.843	152	154	168	rBV	28026	70728	1.10%	0.107%
2	4.454	424	428	433	rVB	138470	169406	2.64%	0.256%
3	5.213	551	557	560	rBV	5029825	5110684	79.77%	7.722%
4	6.248	727	733	736	rBV	4794621	5477903	85.51%	8.277%
5	6.278	736	738	745	rVB	122399	106200	1.66%	0.160%
6	6.378	750	755	759	rBV	5435879	5574674	87.02%	8.423%
7	6.613	791	795	798	rBV	2052066	1730108	27.01%	2.614%
8	6.766	817	821	825	rVB	4778652	4341205	67.76%	6.559%
9	7.172	885	890	893	rBV	3782966	3482523	54.36%	5.262%
10	7.413	925	931	939	rVB	92096	82222	1.28%	0.124%
11	7.889	1008	1012	1015	rBV	2678398	2227620	34.77%	3.366%
12	8.972	1190	1196	1199	rBV	6195547	6005450	93.74%	9.074%
13	9.360	1258	1262	1268	rBV	1599255	1394612	21.77%	2.107%
14	9.636	1305	1309	1313	rBV	2962217	2537827	39.61%	3.835%
15	10.419	1437	1442	1445	rBV	3762466	3589183	56.02%	5.423%
16	11.107	1555	1559	1562	rBV	3279365	2868786	44.78%	4.335%
17	11.130	1562	1563	1566	rVV	385259	189772	2.96%	0.287%
18	11.177	1566	1571	1575	rVB2	94821	101400	1.58%	0.153%
19	11.607	1638	1644	1646	rBV	72318	66133	1.03%	0.100%
20	11.630	1646	1648	1650	rBV	80858	67990	1.06%	0.103%
21	11.654	1650	1652	1655	rVV	95392	105754	1.65%	0.160%
22	11.713	1659	1662	1665	rBV	98002	94514	1.48%	0.143%
23	11.901	1691	1694	1701	rVB2	50344	79859	1.25%	0.121%
24	12.154	1733	1737	1740	rBV	57929	65053	1.02%	0.098%
25	12.230	1748	1750	1757	rVB4	55400	67836	1.06%	0.102%
26	12.307	1757	1763	1769	rBV	728436	591964	9.24%	0.894%
27	12.365	1769	1773	1777	rBV4	49065	64420	1.01%	0.097%
28	12.442	1781	1786	1794	rBV2	242367	394870	6.16%	0.597%
29	12.530	1796	1801	1804	rVB2	636572	607147	9.48%	0.917%
30	12.695	1824	1829	1832	rBV	6710478	6406398	100.00%	9.680%
31	12.754	1835	1839	1842	rBV2	50863	70088	1.09%	0.106%
32	12.842	1847	1854	1855	rBV5	62999	88657	1.38%	0.134%
33	12.860	1855	1857	1861	rVB	91436	87462	1.37%	0.132%
34	12.965	1871	1875	1878	rVB2	97901	92563	1.44%	0.140%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062419\
Data File : BF115161.D
Acq On : 24 Jun 2019 21:41
Operator : HP/JU
Sample : K3482-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-2

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-BF062119.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	13.360	1938	1942	1944	rBV2	79753	78565	1.23%	0.119%
36	13.471	1957	1961	1964	rBV2	67394	90504	1.41%	0.137%
37	13.612	1982	1985	1996	rBV2	365502	640002	9.99%	0.967%
38	13.724	1999	2004	2007	rBV	2733623	2828714	44.15%	4.274%
39	13.748	2007	2008	2011	rVB	307624	166091	2.59%	0.251%
40	13.930	2036	2039	2046	rVB	247805	231378	3.61%	0.350%
41	14.107	2066	2069	2073	rBV	74376	75592	1.18%	0.114%
42	14.236	2087	2091	2098	rBV	591805	608218	9.49%	0.919%
43	14.530	2137	2141	2145	rBV	898801	877880	13.70%	1.326%
44	14.712	2168	2172	2175	rBV	258285	357693	5.58%	0.540%
45	14.830	2185	2192	2198	rBV	1038016	1126479	17.58%	1.702%
46	14.977	2213	2217	2222	rVB	127763	144729	2.26%	0.219%
47	15.030	2222	2226	2231	rBV	209804	253719	3.96%	0.383%
48	15.089	2231	2236	2243	rVV	1848077	2037662	31.81%	3.079%
49	15.165	2244	2249	2257	rVB	867386	1082762	16.90%	1.636%
50	15.548	2309	2314	2320	rBV	559799	760235	11.87%	1.149%
51	15.989	2383	2389	2399	rBV	239768	411260	6.42%	0.621%
52	16.348	2445	2450	2458	rVB2	77669	150085	2.34%	0.227%
53	16.506	2471	2477	2482	rBV2	80709	151661	2.37%	0.229%
54	16.724	2509	2514	2520	rVB	56340	98767	1.54%	0.149%

Sum of corrected areas: 66183007

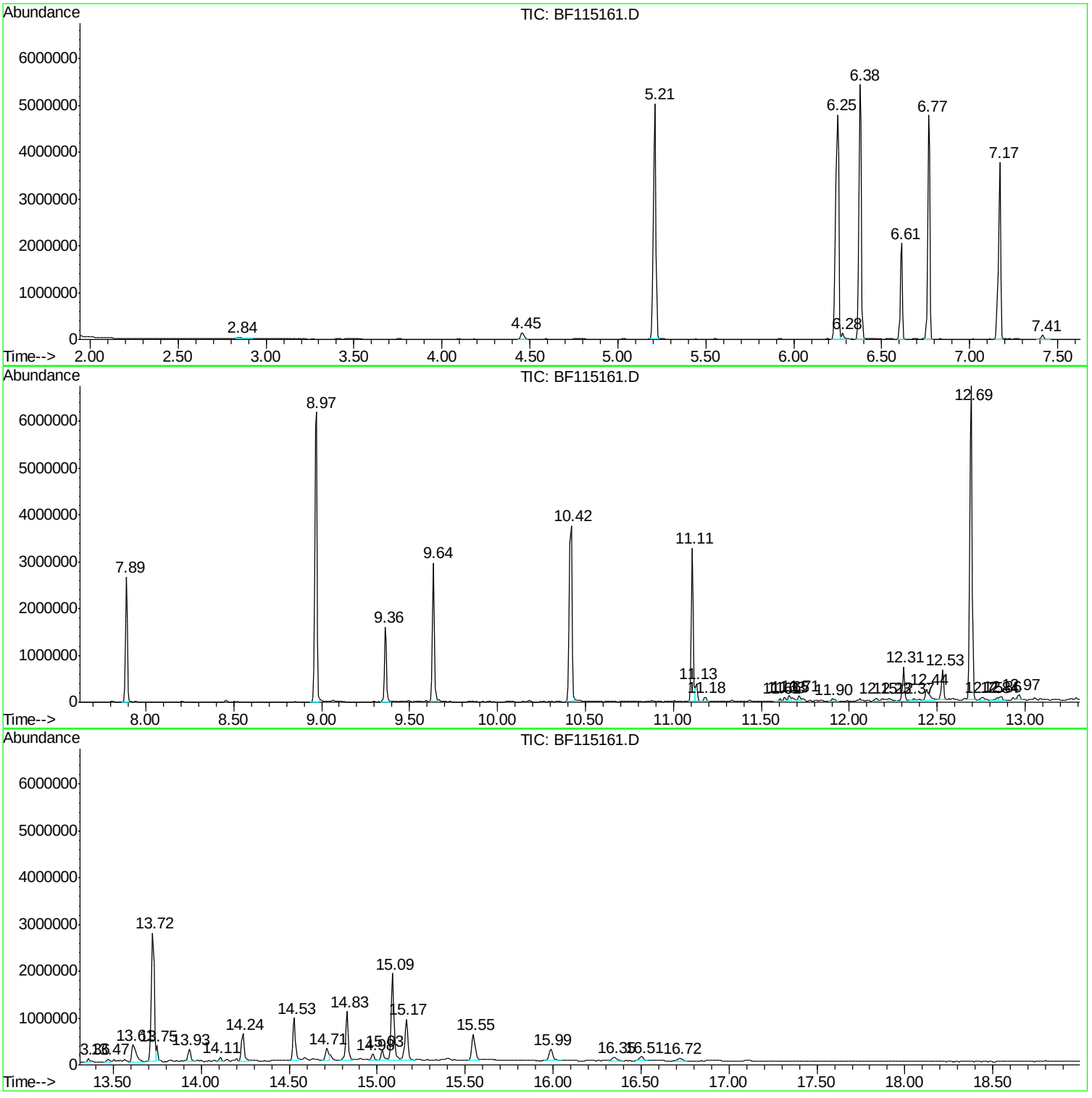
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062419\
Data File : BF115161.D
Acq On : 24 Jun 2019 21:41
Operator : HP/JU
Sample : K3482-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062119.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\BF062419\
Data File : BF115161.D
Acq On : 24 Jun 2019 21:41
Operator : HP/JU
Sample : K3482-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062119.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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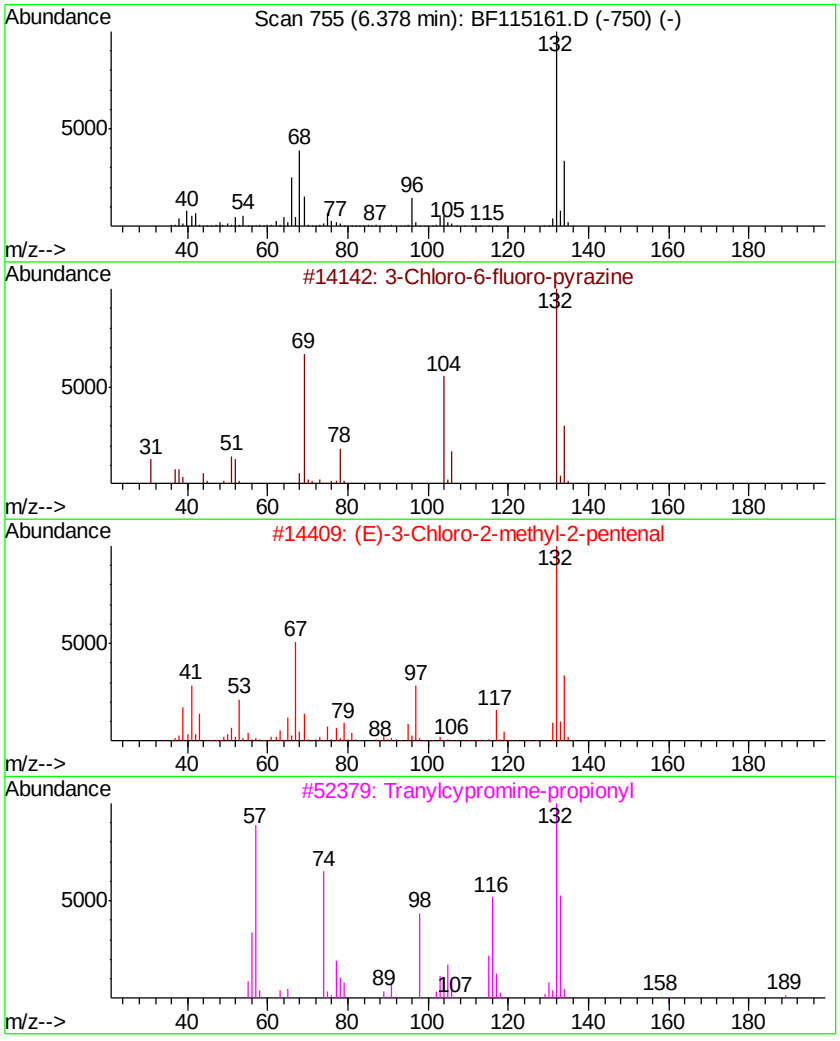
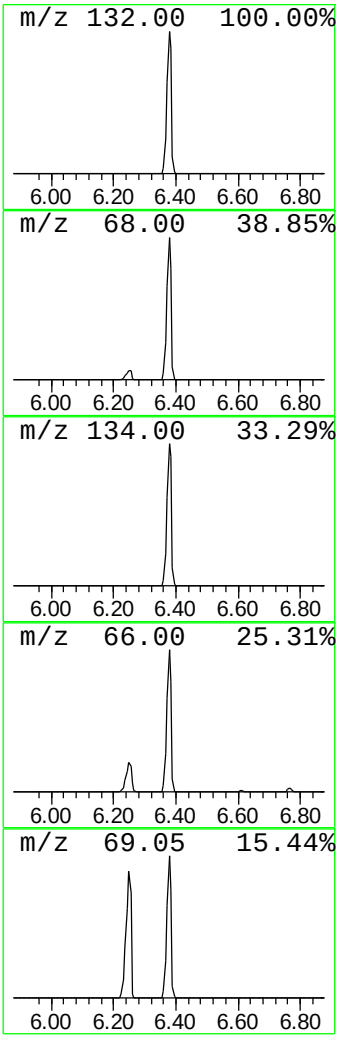
Peak Number 1 unknown6.38 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.38	64.44 ng	5574670	1,4-Dichlorobenzene-d4	6.61

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	16
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4	Amphetaminil	250	C17H18N2	017590-01-1	12
5	5-Aminoindole	132	C8H8N2	005192-03-0	12





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062419\
Data File : BF115161.D
Acq On : 24 Jun 2019 21:41
Operator : HP/JU
Sample : K3482-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062119.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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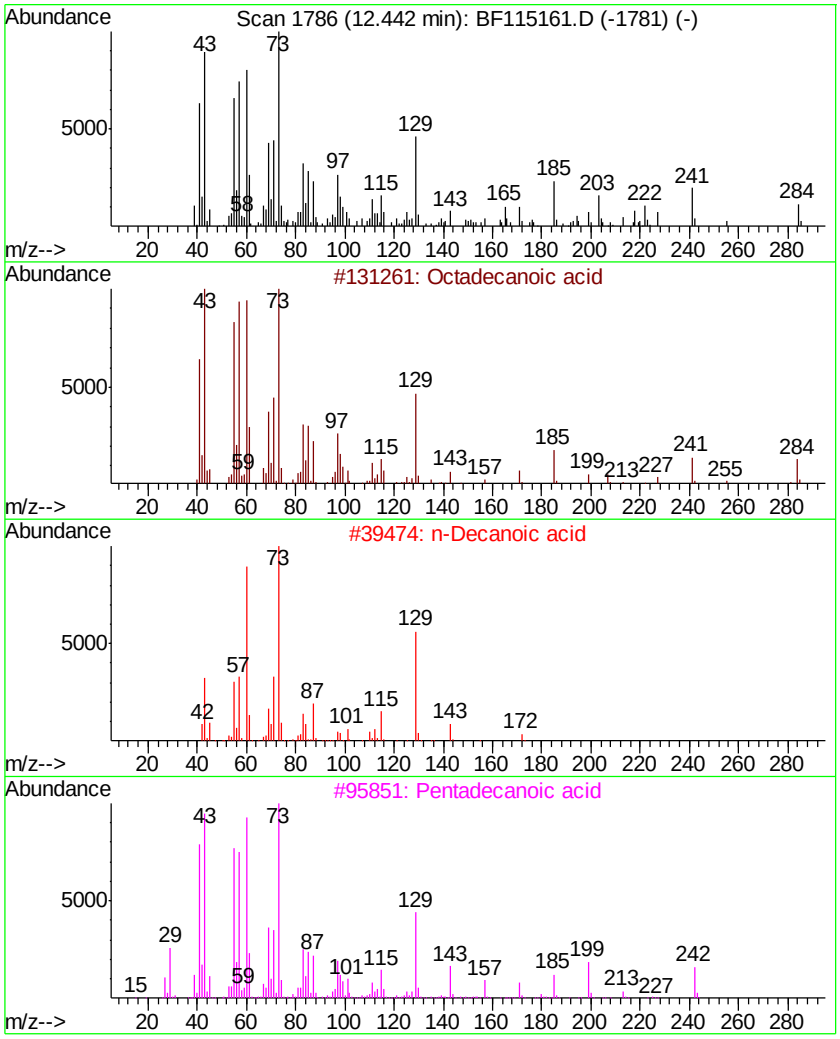
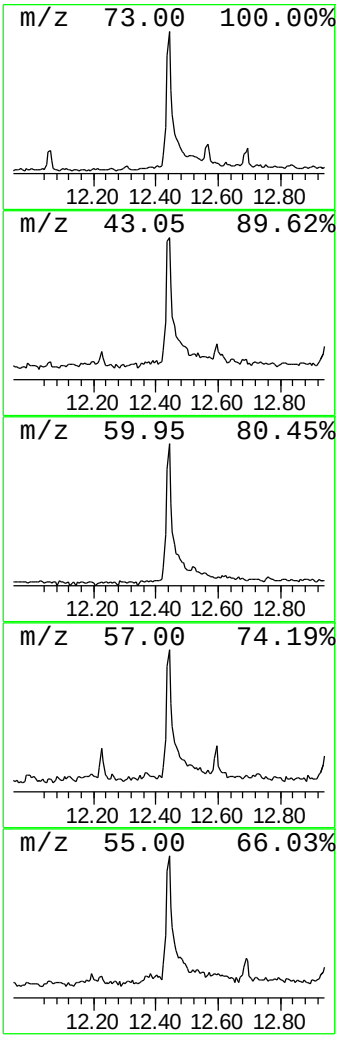
Peak Number 3 Octadecanoic acid Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.44	2.79 ng	394870	Chrysene-d12	13.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	n-Decanoic acid	172	C10H20O2	000334-48-5	91
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	81
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	76
5	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	53





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062419\
Data File : BF115161.D
Acq On : 24 Jun 2019 21:41
Operator : HP/JU
Sample : K3482-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062119.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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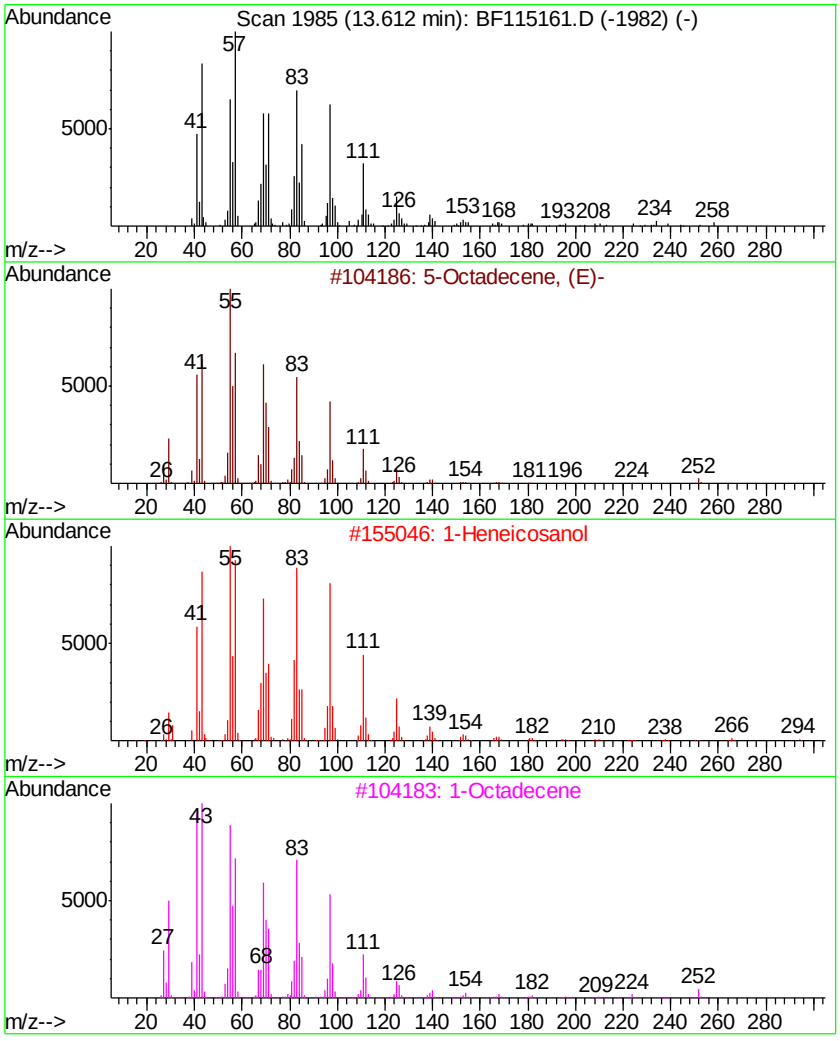
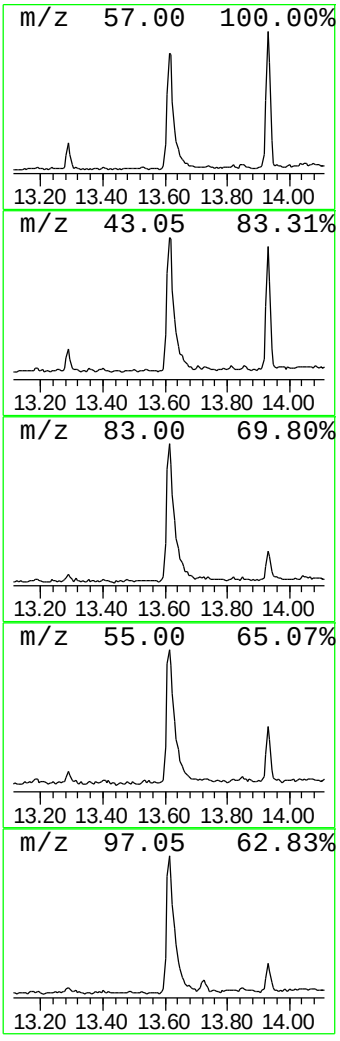
Peak Number 4 5-Octadecene, (E)- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.61	4.53 ng	640002	Chrysene-d12	13.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Octadecene, (E)-	252	C18H36	007206-21-5	95
2	1-Heneicosanol	312	C21H44O	015594-90-8	93
3	1-Octadecene	252	C18H36	000112-88-9	92
4	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	91
5	Nonadecyl pentafluoropropionate	430	C22H39F5O2	1000351-88-8	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062419\
Data File : BF115161.D
Acq On : 24 Jun 2019 21:41
Operator : HP/JU
Sample : K3482-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

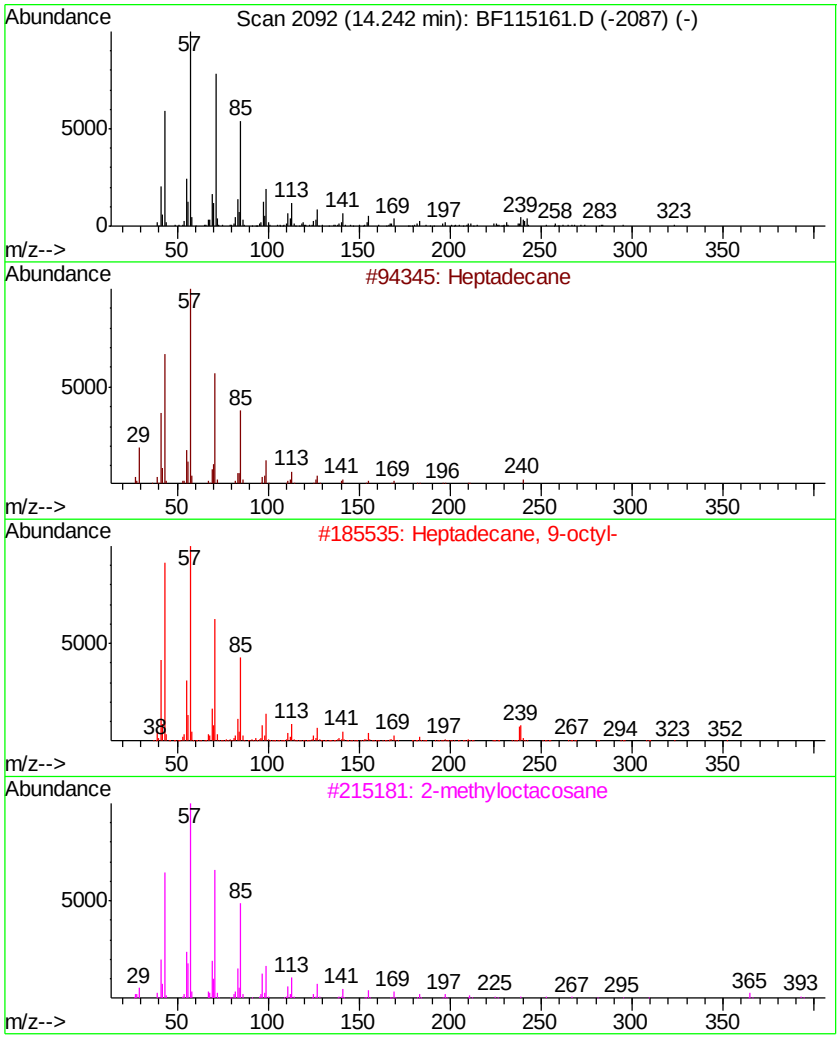
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

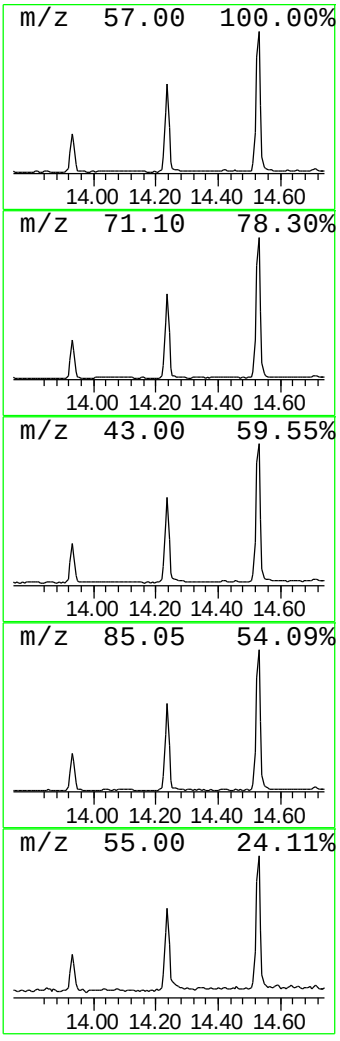
****

Peak Number 5 Heptadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.24	4.30 ng	608218	Chrysene-d12	13.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	95
2	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
3	2-methyloctacosane	408	C29H60	1000376-72-8	90
4	Hexacosane	366	C26H54	000630-01-3	90
5	Octacosane	394	C28H58	000630-02-4	90





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062419\
Data File : BF115161.D
Acq On : 24 Jun 2019 21:41
Operator : HP/JU
Sample : K3482-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062119.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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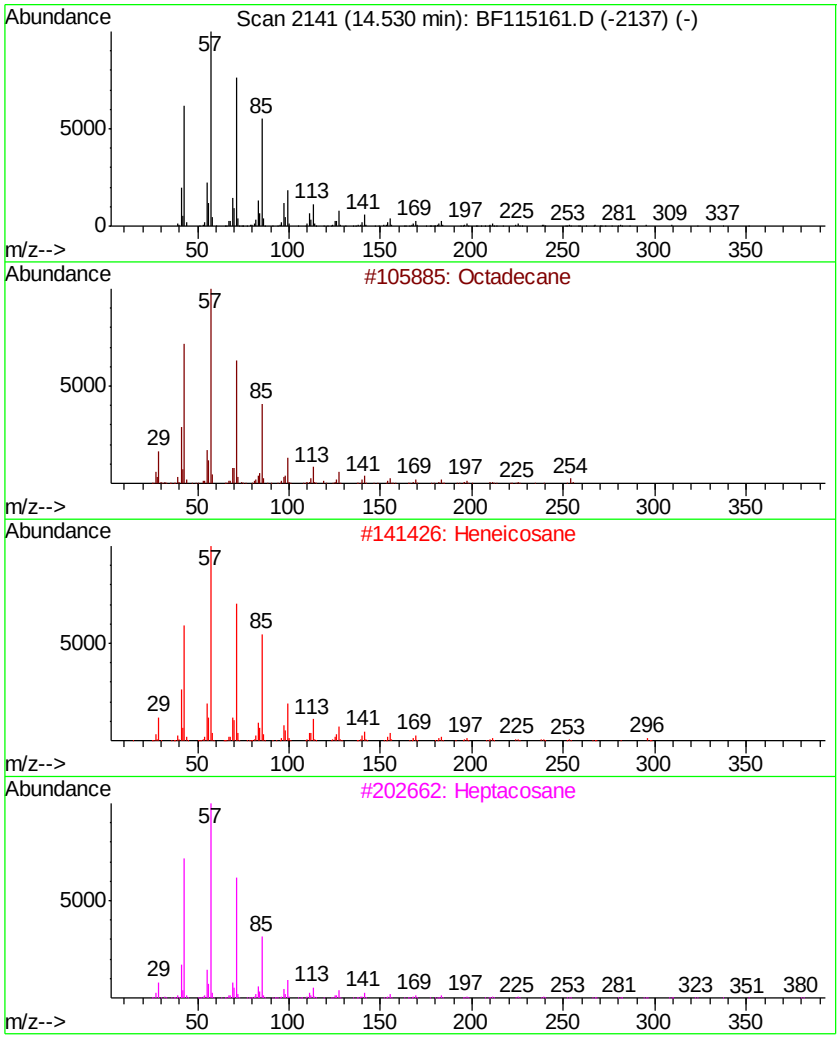
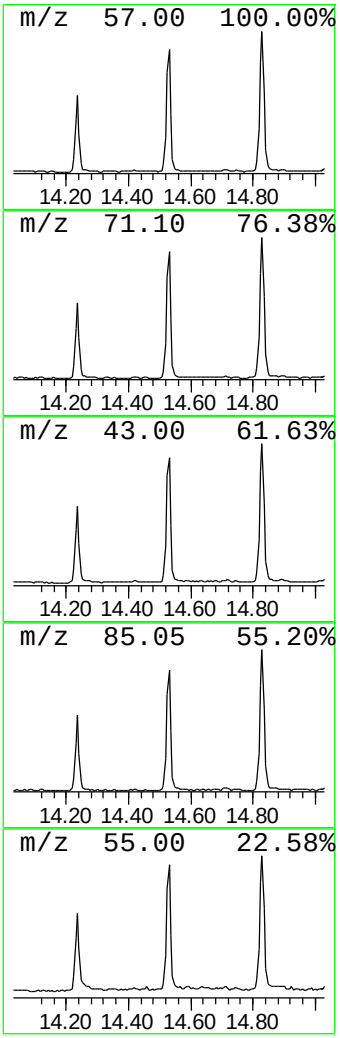
Peak Number 6 Octadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.53	8.62 ng	877880	Perylene-d12	15.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	93
2	Heneicosane	296	C21H44	000629-94-7	91
3	Heptacosane	380	C27H56	000593-49-7	91
4	Hexacosane	366	C26H54	000630-01-3	91
5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062419\
Data File : BF115161.D
Acq On : 24 Jun 2019 21:41
Operator : HP/JU
Sample : K3482-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062119.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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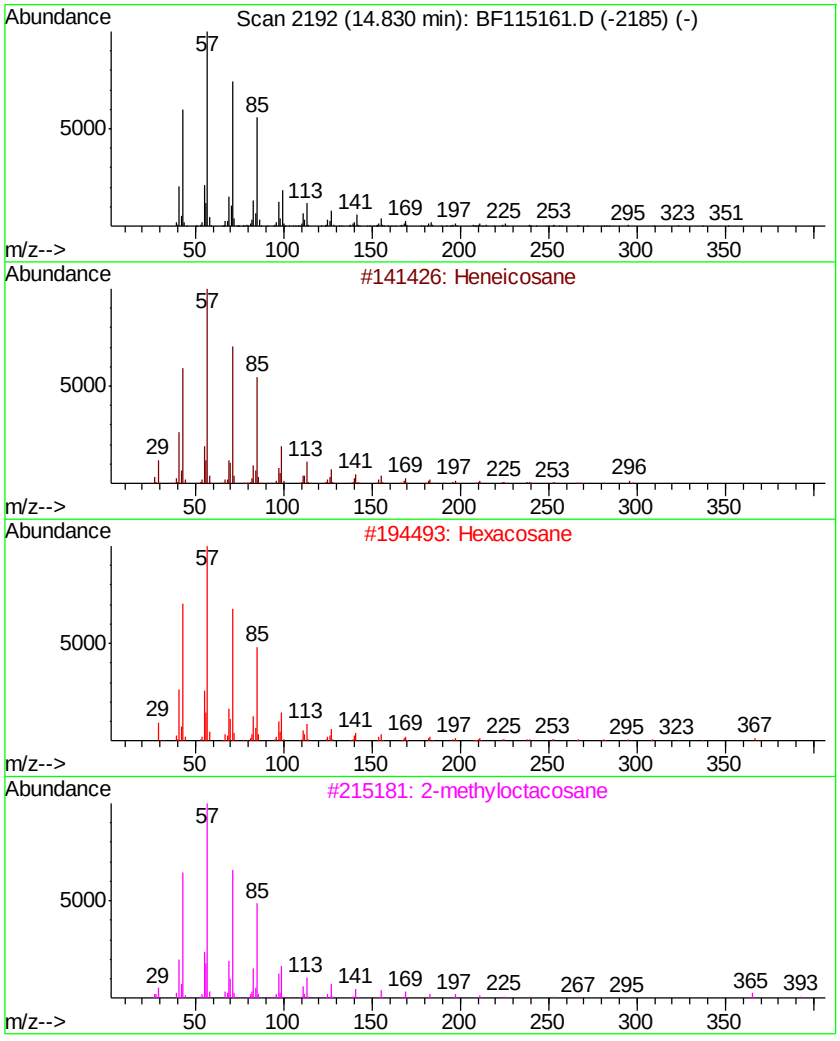
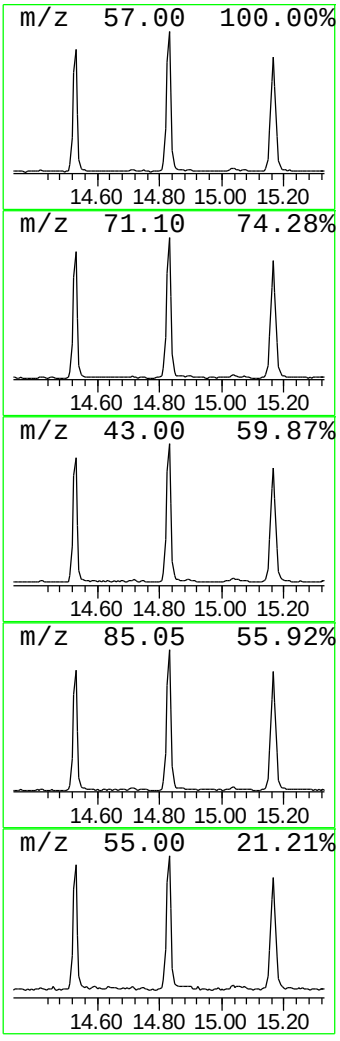
Peak Number 7 Heneicosane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.83	11.06 ng	1126480	Perylene-d12	15.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Hexacosane	366	C26H54	000630-01-3	91
3	2-methyloctacosane	408	C29H60	1000376-72-8	91
4	Tetracosane	338	C24H50	000646-31-1	91
5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062419\
Data File : BF115161.D
Acq On : 24 Jun 2019 21:41
Operator : HP/JU
Sample : K3482-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062119.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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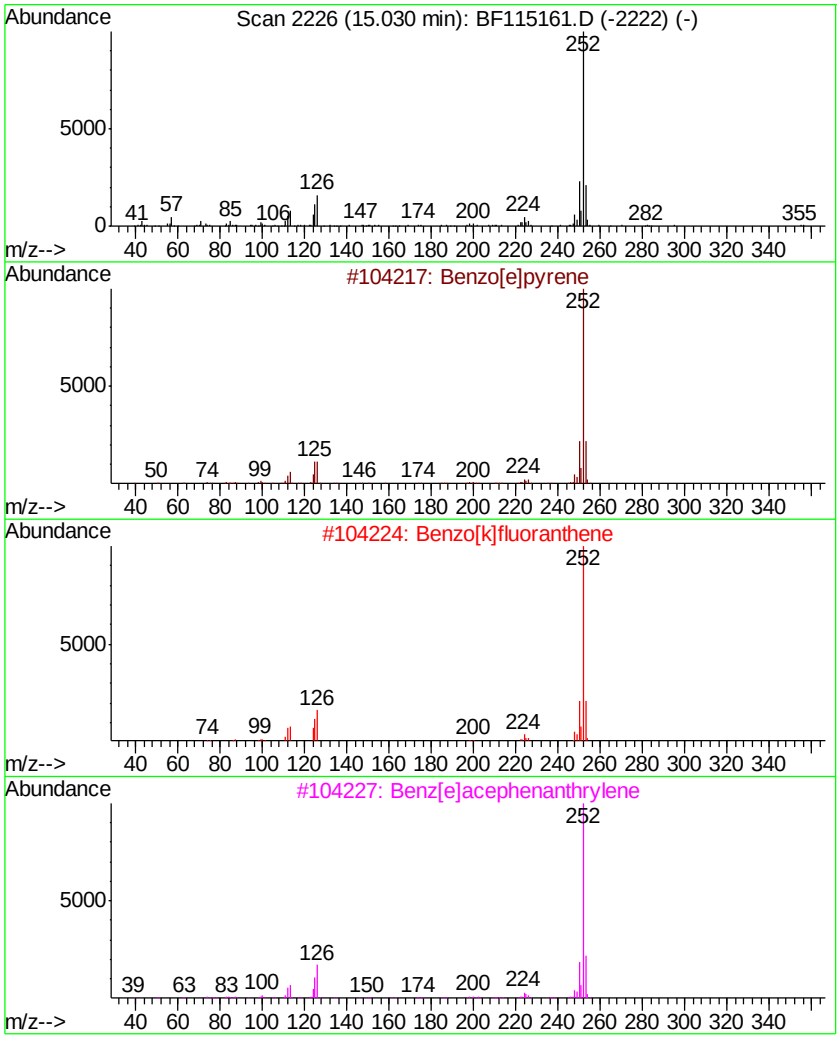
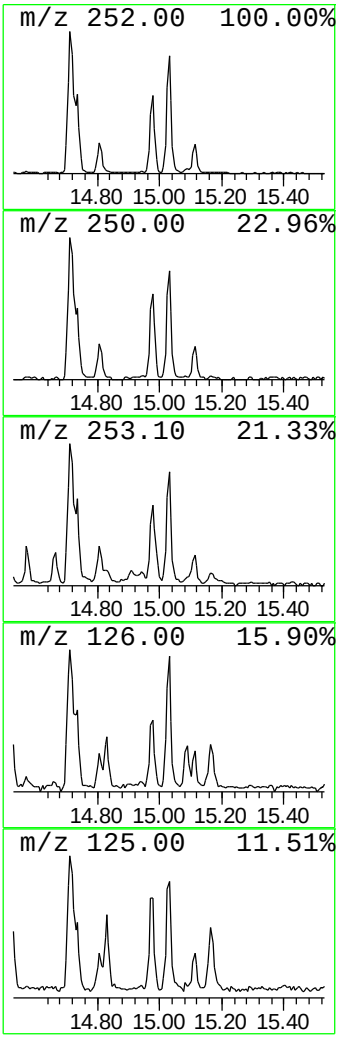
Peak Number 8 Benzo[e]pyrene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.03	2.49 ng	253719	Perylene-d12	15.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	99
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	98
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	98
4	Benzo[a]pyrene	252	C20H12	000050-32-8	97
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	93





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062419\
Data File : BF115161.D
Acq On : 24 Jun 2019 21:41
Operator : HP/JU
Sample : K3482-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062119.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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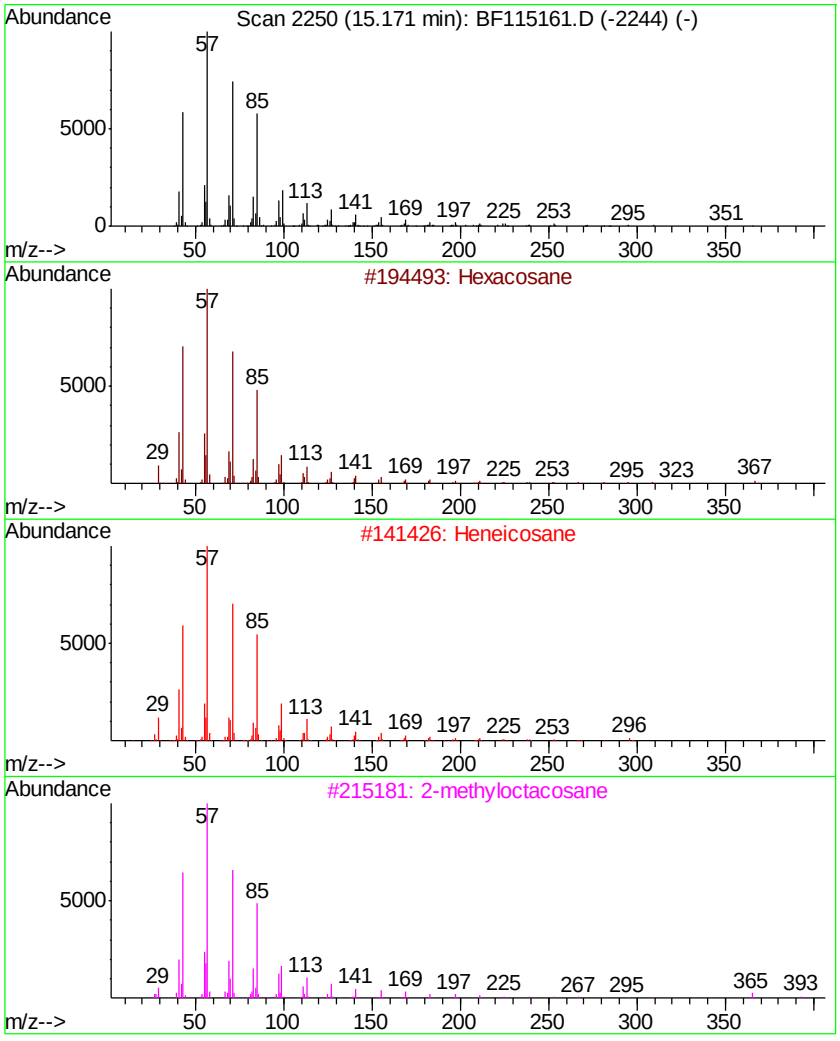
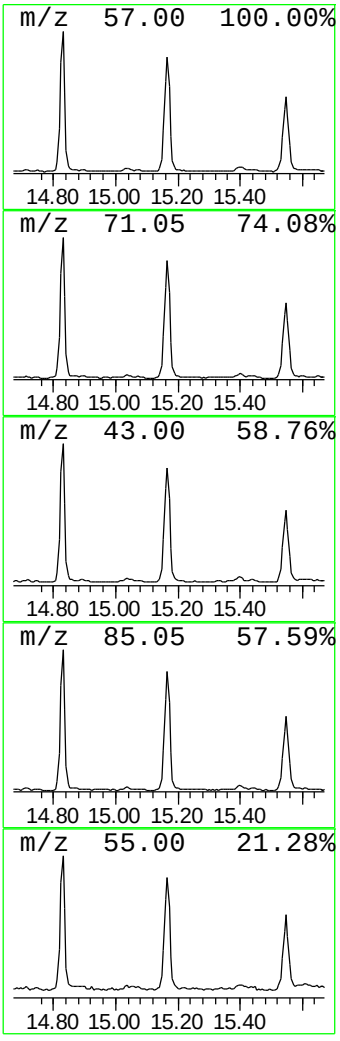
Peak Number 9 Hexacosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.17	10.63 ng	1082760	Perylene-d12	15.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	91
2	Heneicosane	296	C21H44	000629-94-7	91
3	2-methyloctacosane	408	C29H60	1000376-72-8	91
4	Tetracosane	338	C24H50	000646-31-1	91
5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062419\
Data File : BF115161.D
Acq On : 24 Jun 2019 21:41
Operator : HP/JU
Sample : K3482-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

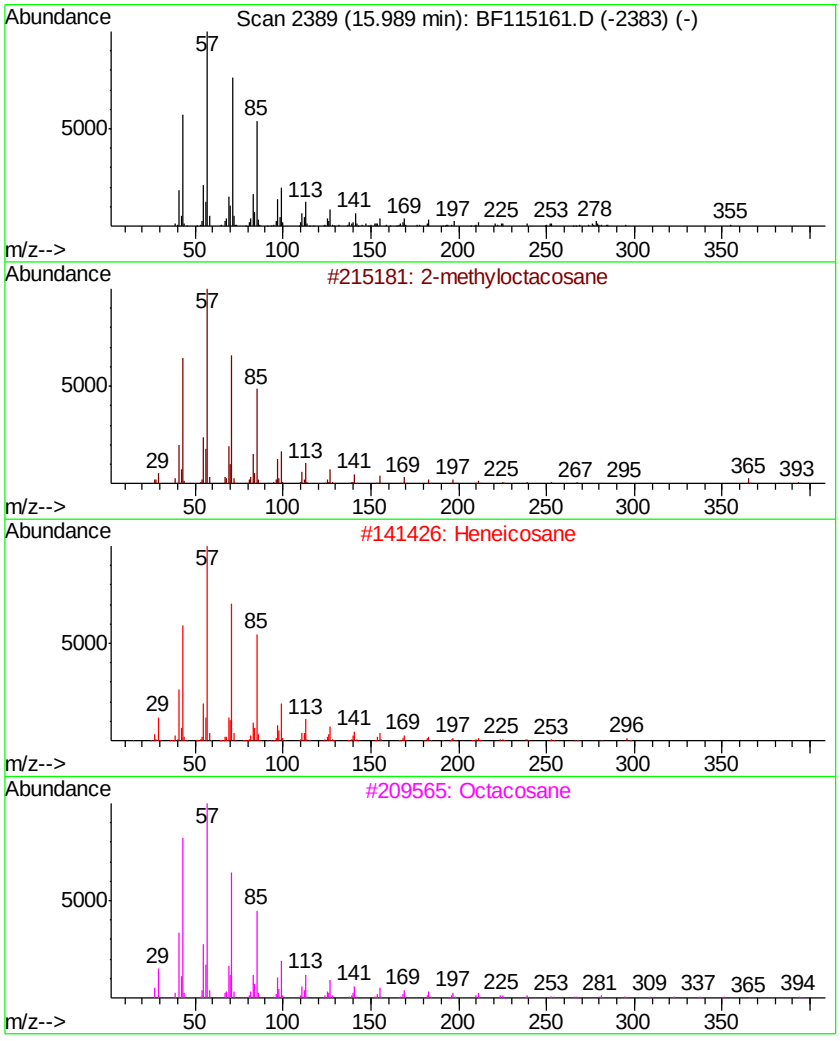
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

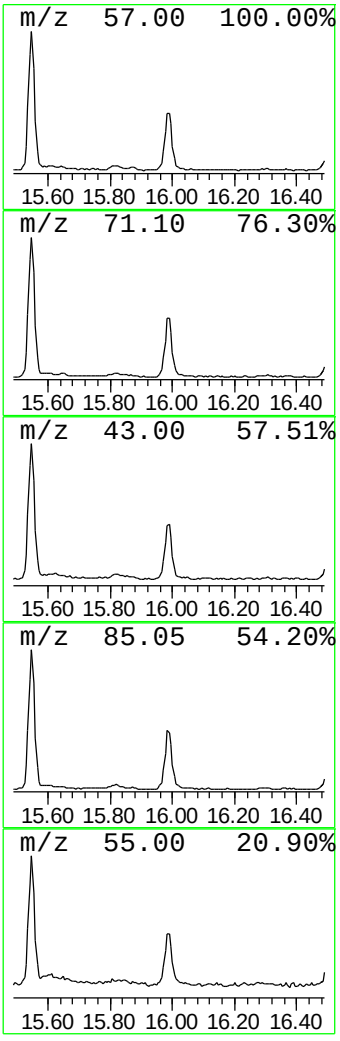
****

Peak Number 11 2-methyloctacosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.99	4.04 ng	411260	Perylene-d12	15.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-methyloctacosane	408	C29H60	1000376-72-8	91
2	Heneicosane	296	C21H44	000629-94-7	91
3	Octacosane	394	C28H58	000630-02-4	91
4	Tetracosane	338	C24H50	000646-31-1	91
5	Heneicosane, 11-decyl-	437	C31H64	055320-06-4	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF062419\
Data File : BF115161.D
Acq On : 24 Jun 2019 21:41
Operator : HP/JU
Sample : K3482-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062119.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
unknown6.38	6.38	64.4	ng	5574670	1	6.61	1730110	20.0
Octadecanoic acid	12.44	2.8	ng	394870	5	13.72	2828710	20.0
5-Octadecene, (E)-	13.61	4.5	ng	640002	5	13.72	2828710	20.0
Heptadecane	14.24	4.3	ng	608218	5	13.72	2828710	20.0
Octadecane	14.53	8.6	ng	877880	6	15.09	2037660	20.0
Heneicosane	14.83	11.1	ng	1126480	6	15.09	2037660	20.0
Benzo[e]pyrene	15.03	2.5	ng	253719	6	15.09	2037660	20.0
Hexacosane	15.17	10.6	ng	1082760	6	15.09	2037660	20.0
2-methyloctacosane	15.99	4.0	ng	411260	6	15.09	2037660	20.0