LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040219\
Data File : BF113519.D
Acq On : 2 Apr 2019 21:41
Operator : JU/SJ
Sample : K2182-09
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S7C(12-20)COMP

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-BF032519.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	4.887	473	476	486	rBV	51488	72748	2.12%	0.214%
2	5.310	544	548	572	rBV	2714320	2829038	82.28%	8.340%
3	6.345	719	724	740	rBV	2677212	3049756	88.70%	8.991%
4	6.463	740	744	748	rBV	3137241	2953806	85.91%	8.708%
5	6.692	779	783	792	rBV	960828	853150	24.81%	2.515%
6	6.845	805	809	819	rBV	2524447	2361245	68.68%	6.961%
7	7.257	874	879	882	rBV	2026932	1813474	52.74%	5.346%
8	7.975	997	1001	1011	rBV	1079206	1073958	31.24%	3.166%
9	8.463	1080	1084	1091	rBV	36198	71154	2.07%	0.210%
10	9.045	1179	1183	1186	rBV	3968459	3438250	100.00%	10.136%
11	9.439	1247	1250	1255	rBV	214346	180555	5.25%	0.532%
12	9.716	1294	1297	1301	rBV	1196139	1162655	33.82%	3.428%
13	10.504	1427	1431	1442	rBV	1979453	2027758	58.98%	5.978%
14	11.198	1545	1549	1551	rBV	1284419	1076484	31.31%	3.174%
15	11.221	1551	1553	1557	rVV	183039	155376	4.52%	0.458%
16	11.274	1559	1562	1566	rVB	75771	66259	1.93%	0.195%
17	11.698	1631	1634	1637	rBV	62461	55043	1.60%	0.162%
18	11.733	1637	1640	1645	rBV2	232446	246008	7.16%	0.725%
19	11.810	1650	1653	1655	rVV	76481	86284	2.51%	0.254%
20	11.833	1655	1657	1663	rVB	48453	48128	1.40%	0.142%
21	12.245	1724	1727	1730	rBV	47529	50217	1.46%	0.148%
22	12.404	1751	1754	1759	rBV	378374	359346	10.45%	1.059%
23	12.521	1769	1774	1778	rBV4	37842	60736	1.77%	0.179%
24	12.598	1784	1787	1789	rBV	149020	139132	4.05%	0.410%
25	12.633	1789	1793	1796	rVB	387200	351016	10.21%	1.035%
26	12.780	1810	1818	1821	rBV	3139740	2814082	81.85%	8.296%
27	12.804	1821	1822	1826	rVB	129817	99694	2.90%	0.294%
28	12.857	1826	1831	1838	rVB5	41779	68082	1.98%	0.201%
29	12.939	1842	1845	1848	rBV3	37472	55501	1.61%	0.164%
30	13.027	1852	1860	1863	rBV4	38172	59026	1.72%	0.174%
31	13.068	1863	1867	1869	rBV2	59853	64681	1.88%	0.191%
32	13.321	1906	1910	1914	rBV	61747	71076	2.07%	0.210%
33	13.474	1933	1936	1940	rVB	79738	76300	2.22%	0.225%
34	13.580	1949	1954	1956	rBV	63946	65431	1.90%	0.193%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040219\
Data File : BF113519.D
Acq On : 2 Apr 2019 21:41
Operator : JU/SJ
Sample : K2182-09
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S7C(12-20)COMP

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-BF032519.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	13.627	1960	1962	1969	rVB3	32343	41916	1.22%	0.124%
36	13.686	1969	1972	1989	rBV6	139440	418722	12.18%	1.234%
37	13.827	1991	1996	1999	rBV2	1144107	1296884	37.72%	3.823%
38	13.851	1999	2000	2004	rVB	249118	184663	5.37%	0.544%
39	13.998	2020	2025	2030	rVB3	91709	106966	3.11%	0.315%
40	14.215	2058	2062	2065	rVB	74090	75604	2.20%	0.223%
41	14.251	2065	2068	2072	rBV2	39858	55772	1.62%	0.164%
42	14.304	2073	2077	2080	rVB2	151712	155644	4.53%	0.459%
43	14.339	2080	2083	2085	rBV3	42884	46683	1.36%	0.138%
44	14.598	2123	2127	2130	rBV	207280	209978	6.11%	0.619%
45	14.839	2164	2168	2171	rBV	323228	457849	13.32%	1.350%
46	14.904	2176	2179	2183	rVV	226157	255322	7.43%	0.753%
47	14.939	2183	2185	2188	rVB	61954	53707	1.56%	0.158%
48	15.115	2211	2215	2221	rVB	184494	215055	6.25%	0.634%
49	15.174	2221	2225	2230	rBV	149074	180647	5.25%	0.533%
50	15.233	2230	2235	2249	rBV2	874583	1379180	40.11%	4.066%
51	15.645	2300	2305	2313	rBV	176774	282641	8.22%	0.833%
52	16.103	2378	2383	2389	rVB	101317	157244	4.57%	0.464%
53	16.580	2459	2464	2469	rBV	76300	143181	4.16%	0.422%
54	16.639	2470	2474	2481	rVB2	51762	102617	2.98%	0.303%
55	16.992	2529	2534	2542	rVB	45007	94335	2.74%	0.278%
56	18.009	2703	2707	2721	rVB	20764	50589	1.47%	0.149%

Sum of corrected areas: 33920648

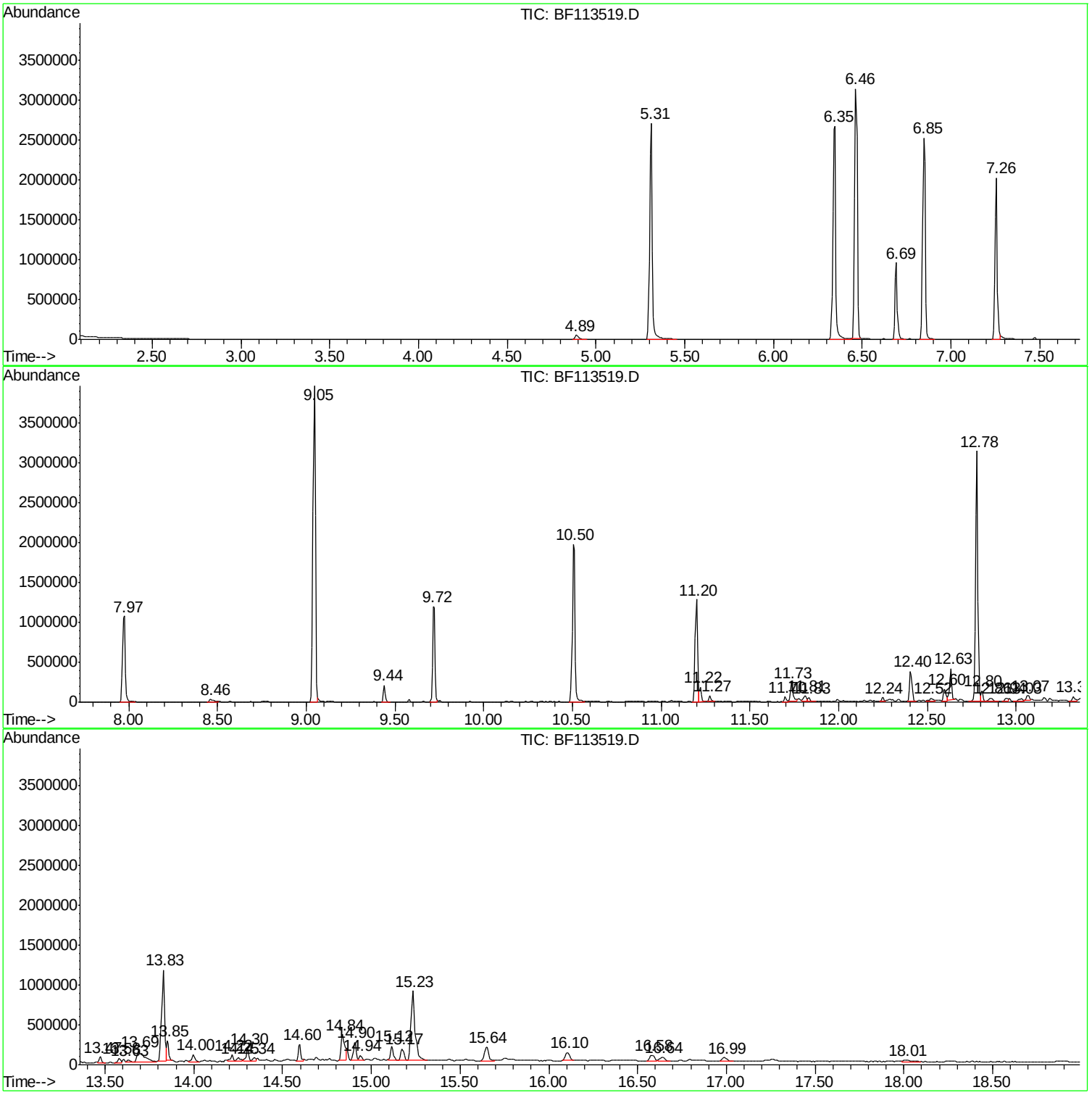
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040219\
Data File : BF113519.D
Acq On : 2 Apr 2019 21:41
Operator : JU/SJ
Sample : K2182-09
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S7C(12-20)COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032519.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\BF040219\
Data File : BF113519.D
Acq On : 2 Apr 2019 21:41
Operator : JU/SJ
Sample : K2182-09
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S7C(12-20)COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

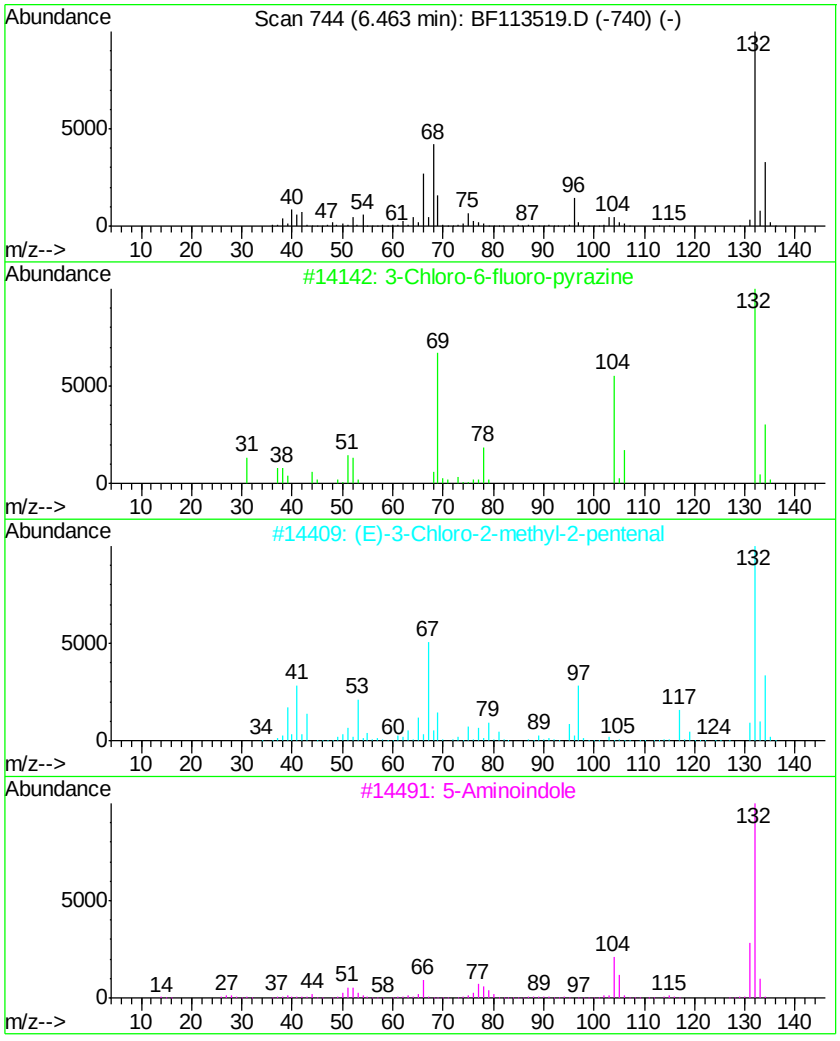
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

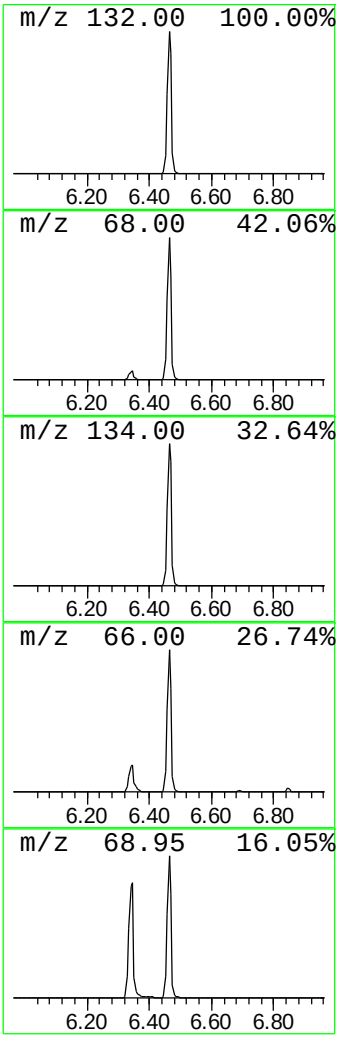
****

Peak Number 1 unknown6.46 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.46	69.24 ng	2953810	1,4-Dichlorobenzene-d4	6.69

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	17
3	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040219\
Data File : BF113519.D
Acq On : 2 Apr 2019 21:41
Operator : JU/SJ
Sample : K2182-09
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S7C(12-20)COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032519.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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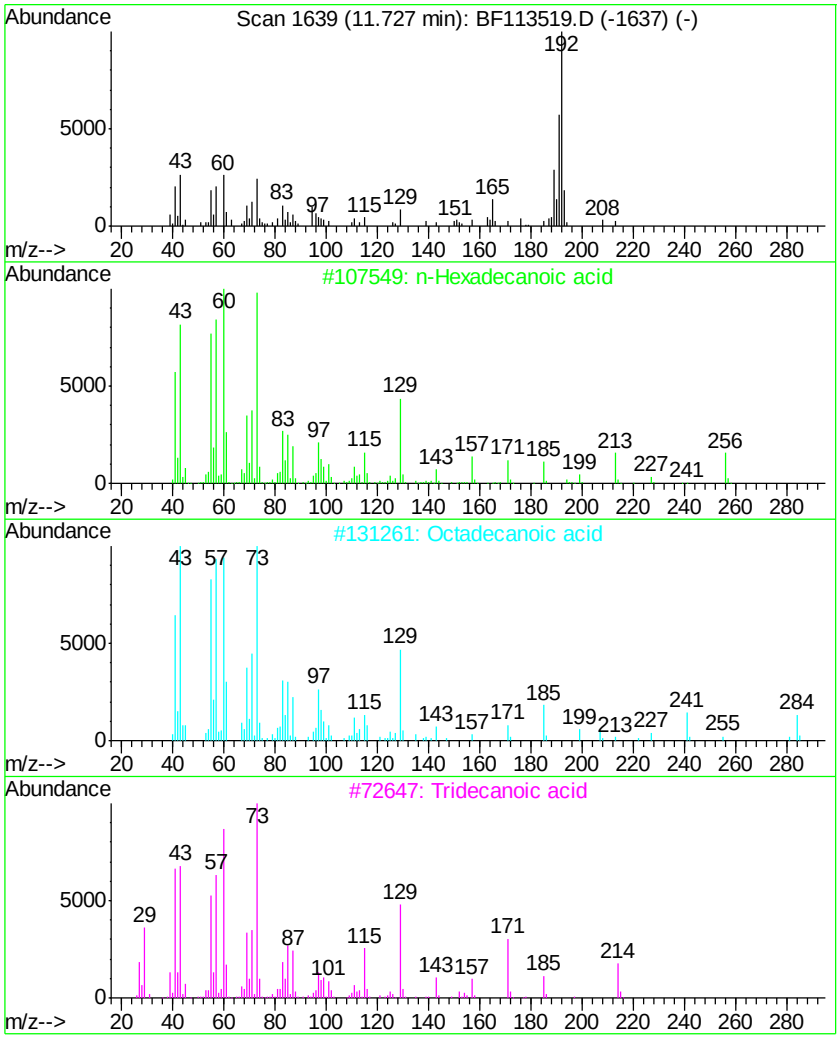
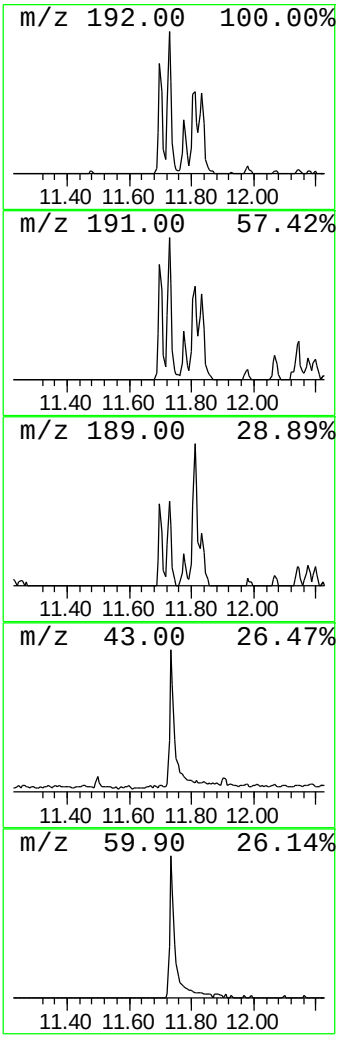
Peak Number 3 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.73	4.57 ng	246008	Phenanthrene-d10	11.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2	Octadecanoic acid	284	C18H36O2	000057-11-4	87
3	Tridecanoic acid	214	C13H26O2	000638-53-9	86
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	70
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	60





Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040219\
Data File : BF113519.D
Acq On : 2 Apr 2019 21:41
Operator : JU/SJ
Sample : K2182-09
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S7C(12-20)COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032519.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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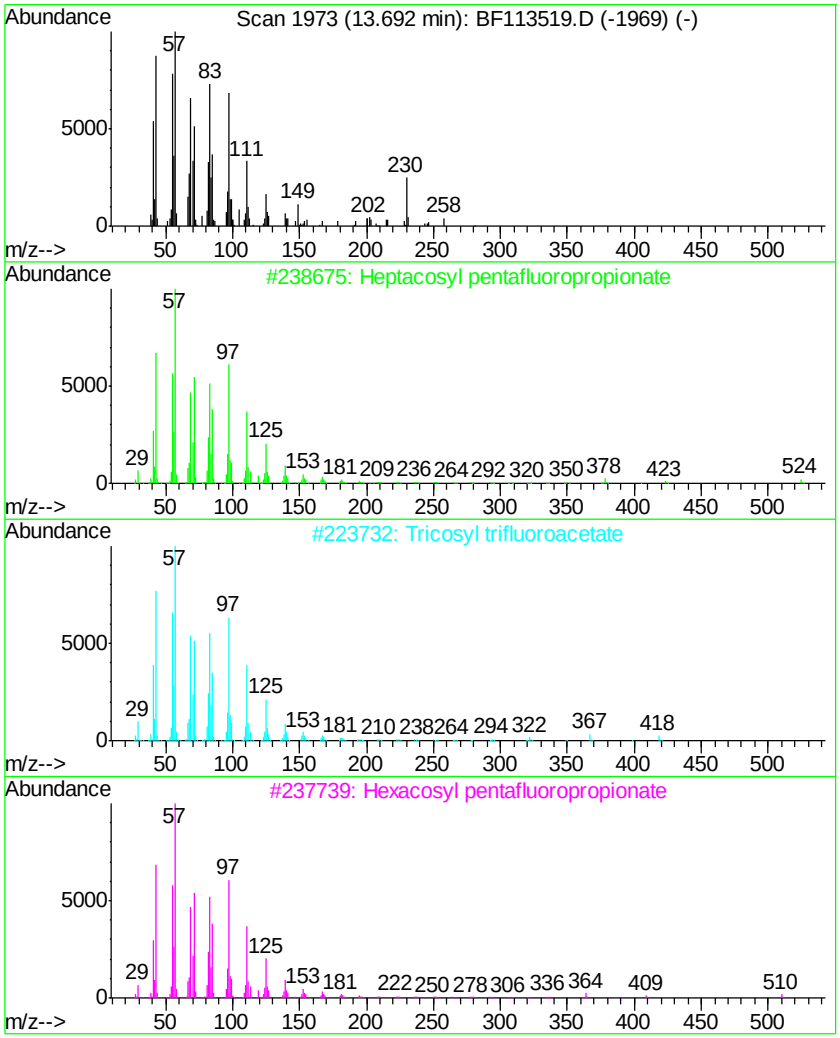
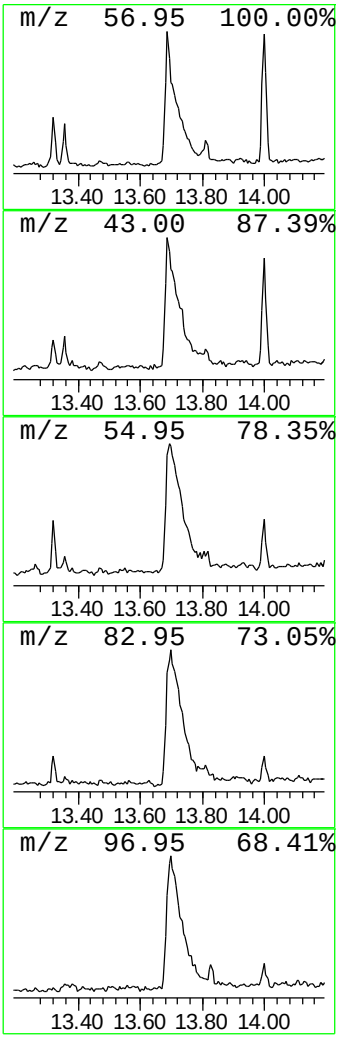
Peak Number 4 Heptacosyl pentafluoropropi... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.69	6.46 ng	418722	Chrysene-d12	13.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosyl pentafluoropropionate	542	C30H55F5O2	1000351-81-6	64
2	Tricosyl trifluoroacetate	436	C25H47F3O2	1000351-75-1	64
3	Hexacosyl pentafluoropropionate	528	C29H53F5O2	1000351-81-2	64
4	Tricosyl pentafluoropropionate	486	C26H47F5O2	1000351-81-0	64
5	Octacosyl heptafluorobutyrate	606	C32H57F7O2	1000351-83-6	64





Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040219\
Data File : BF113519.D
Acq On : 2 Apr 2019 21:41
Operator : JU/SJ
Sample : K2182-09
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S7C(12-20)COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032519.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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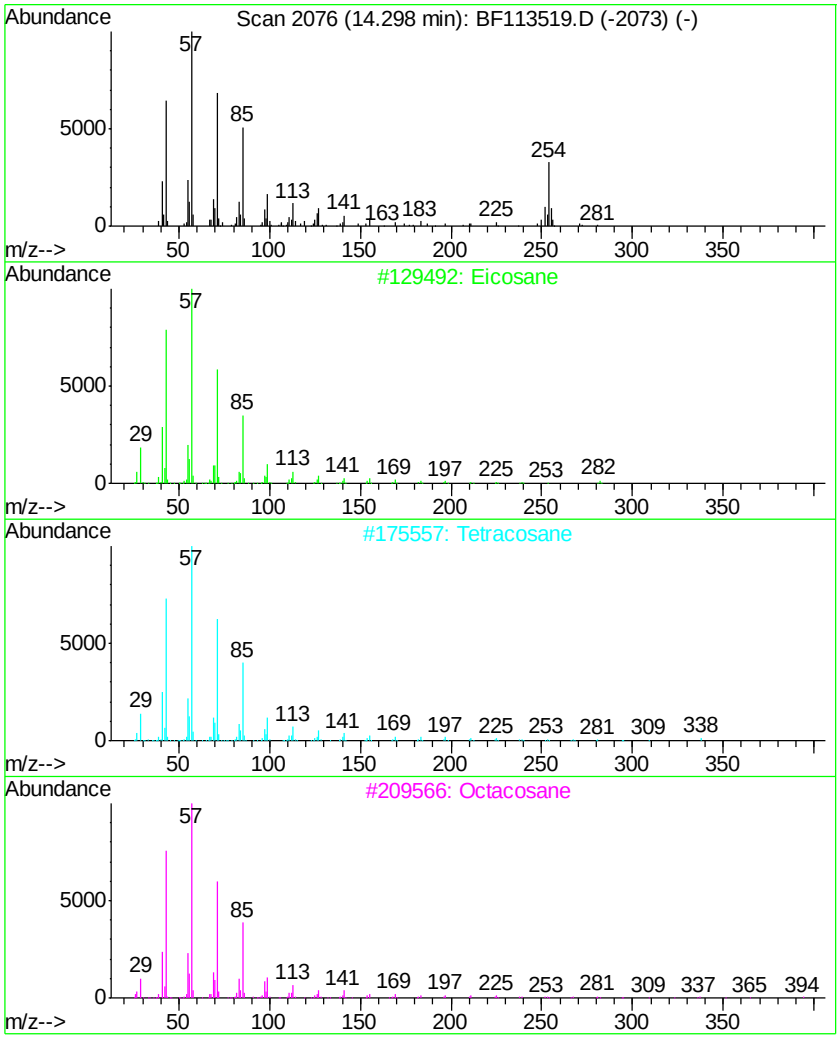
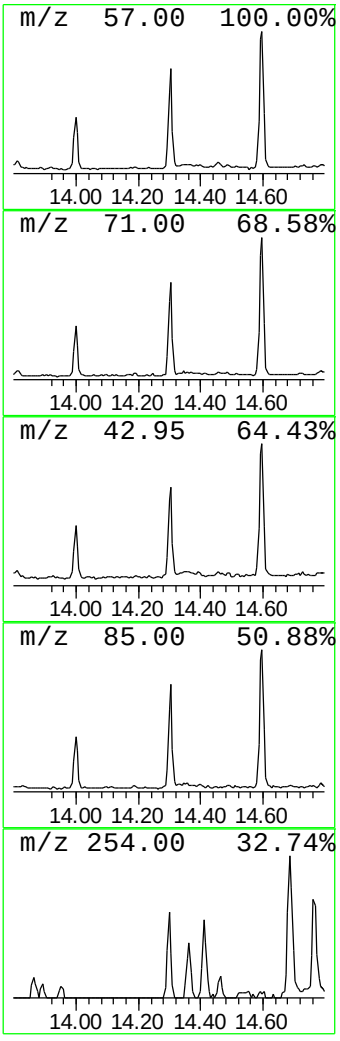
Peak Number 5 Eicosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.30	2.40 ng	155644	Chrysene-d12	13.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	96
2	Tetracosane	338	C24H50	000646-31-1	87
3	Octacosane	394	C28H58	000630-02-4	87
4	Octadecane	254	C18H38	000593-45-3	87
5	Heptadecane	240	C17H36	000629-78-7	83





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Operator : JU/SJ
Sample : K2182-09
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S7C(12-20)COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032519.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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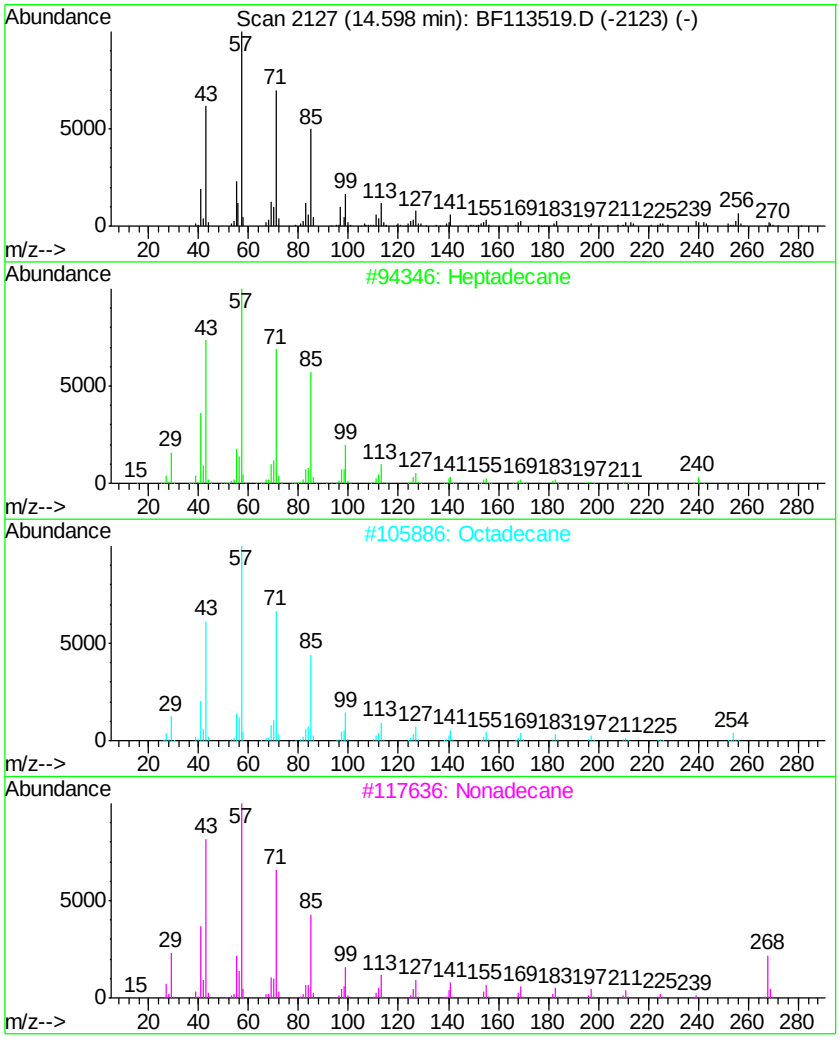
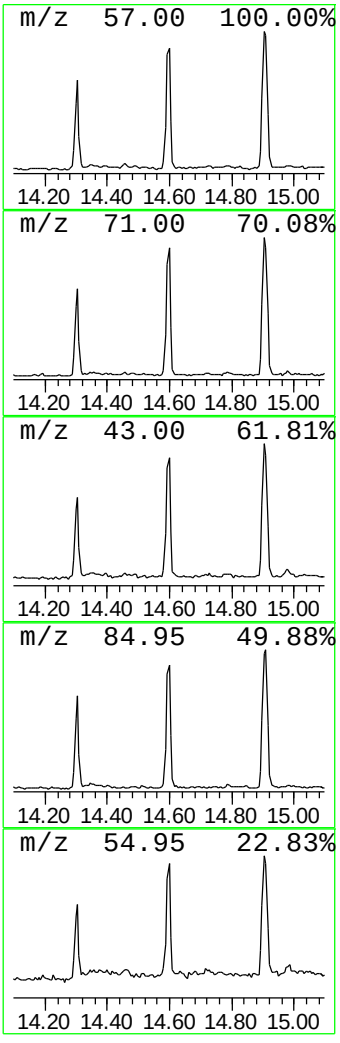
Peak Number 6 Heptadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.60	3.04 ng	209978	Perylene-d12	15.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	95
2	Octadecane	254	C18H38	000593-45-3	95
3	Nonadecane	268	C19H40	000629-92-5	91
4	Heneicosane	296	C21H44	000629-94-7	90
5	Hexacosane	366	C26H54	000630-01-3	90





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Operator : JU/SJ
Sample : K2182-09
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S7C(12-20)COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032519.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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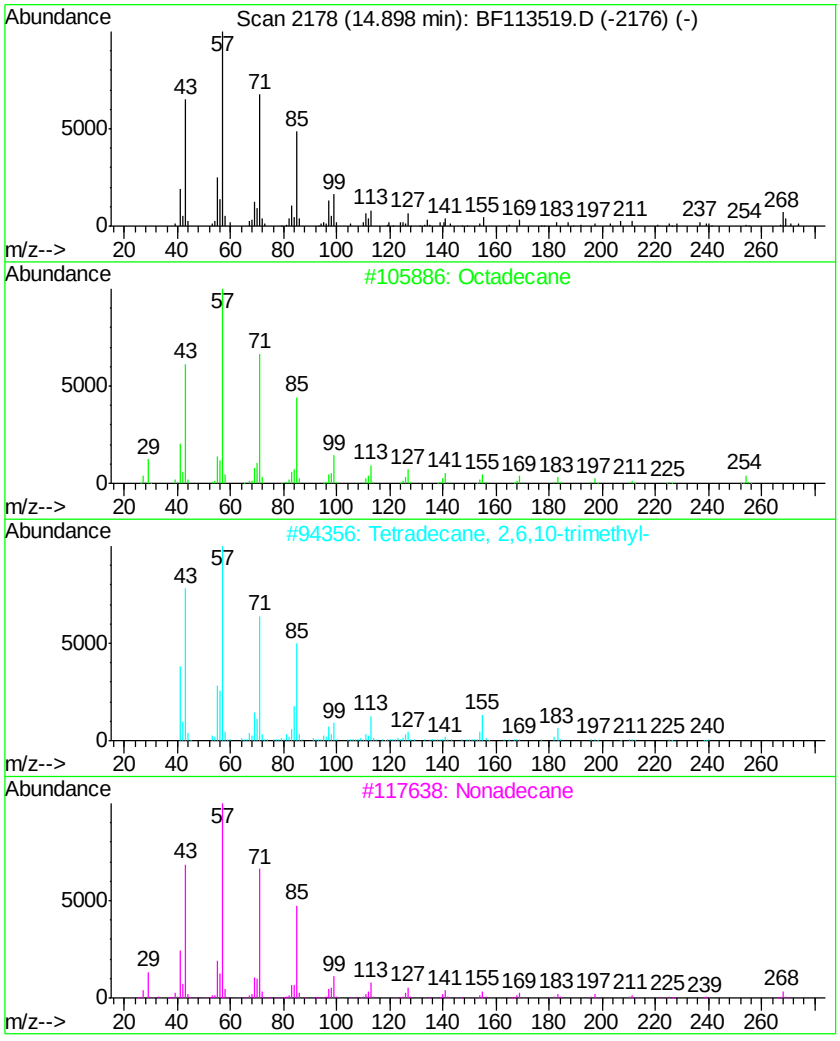
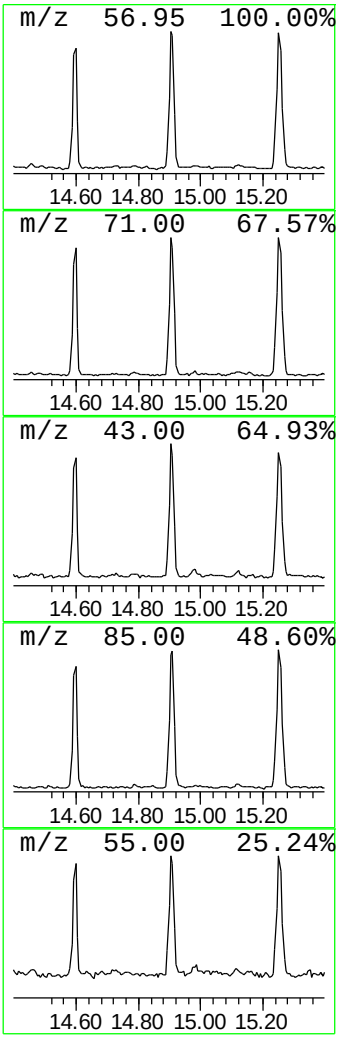
Peak Number 7 Octadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.90	3.70 ng	255322	Perylene-d12	15.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	95
2	Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	93
3	Nonadecane	268	C19H40	000629-92-5	93
4	Hexacosane	366	C26H54	000630-01-3	87
5	Tridecane, 6-propyl-	226	C16H34	055045-10-8	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040219\
Data File : BF113519.D
Acq On : 2 Apr 2019 21:41
Operator : JU/SJ
Sample : K2182-09
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S7C(12-20)COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032519.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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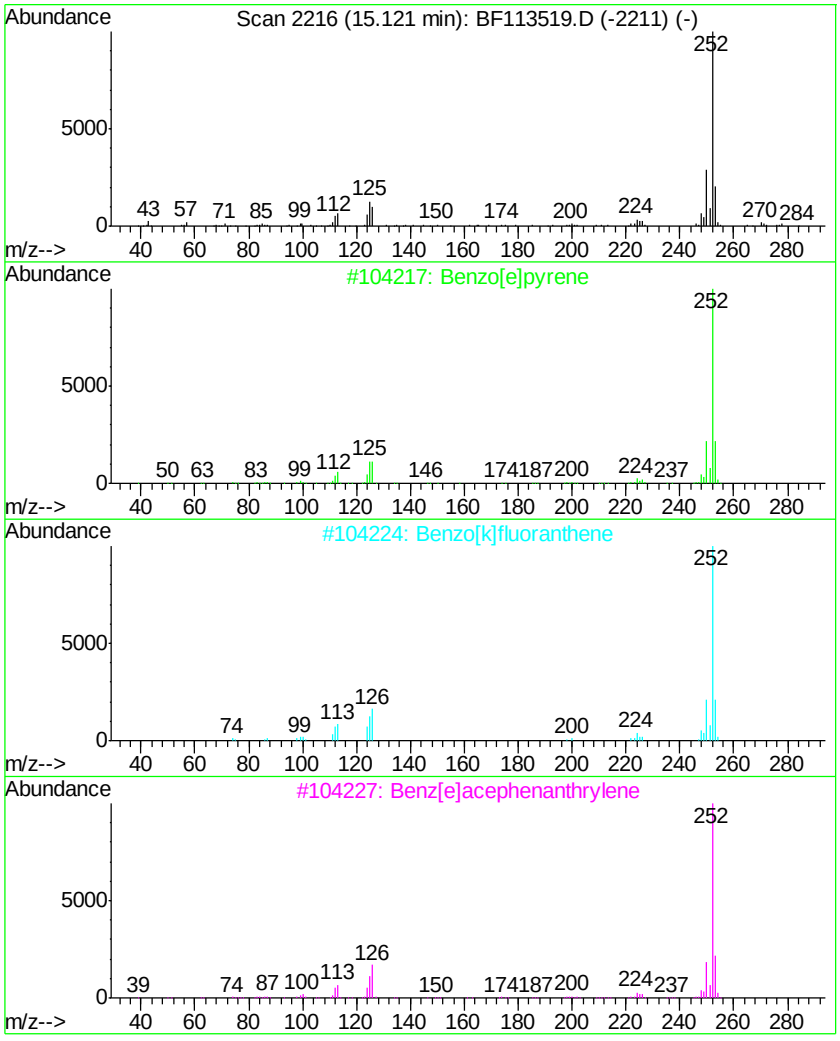
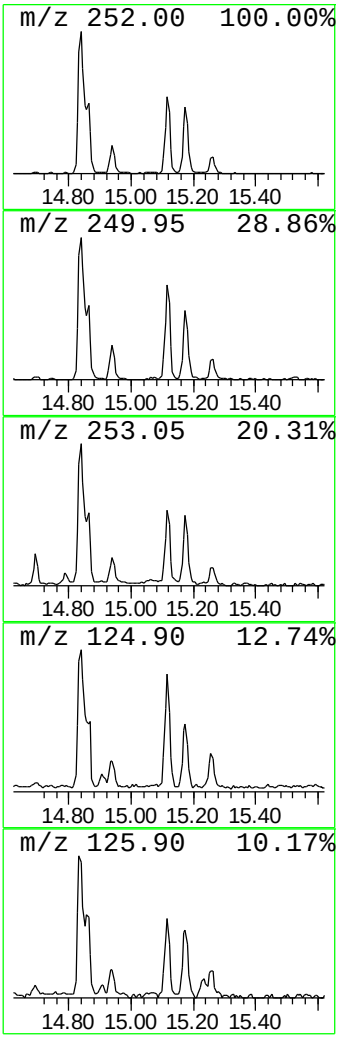
Peak Number 8 Benzo[e]pyrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.12	3.12 ng	215055	Perylene-d12	15.23

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	97
4	Benzo[a]pyrene	252	C20H12	000050-32-8	96
5	Perylene	252	C20H12	000198-55-0	96





Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040219\
Data File : BF113519.D
Acq On : 2 Apr 2019 21:41
Operator : JU/SJ
Sample : K2182-09
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S7C(12-20)COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032519.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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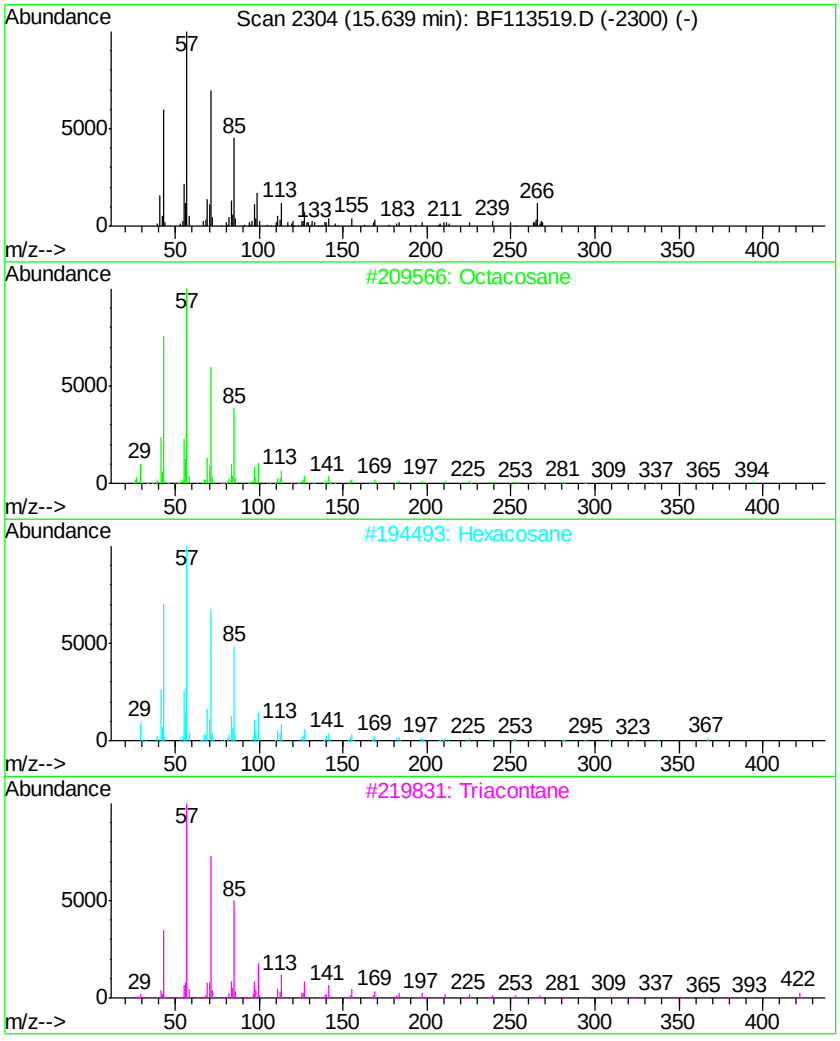
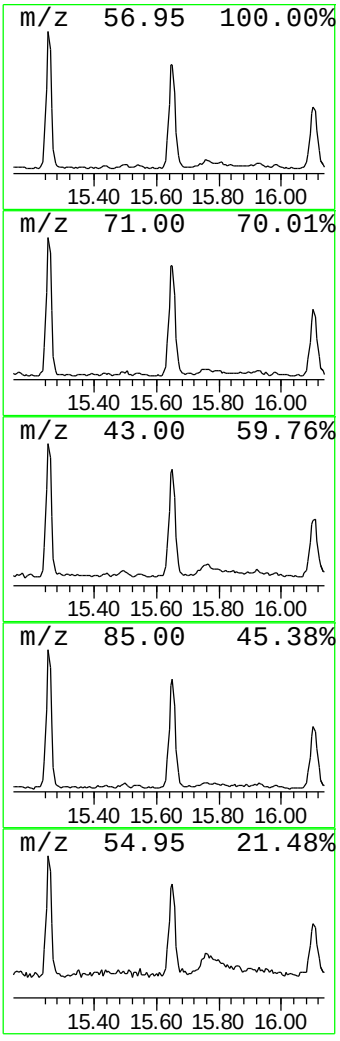
Peak Number 9 Triacontane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.64	4.10 ng	282641	Perylene-d12	15.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	90
2	Hexacosane	366	C26H54	000630-01-3	90
3	Triacontane	422	C30H62	000638-68-6	90
4	Nonadecane	268	C19H40	000629-92-5	90
5	Heptadecane	240	C17H36	000629-78-7	90





Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040219\
Data File : BF113519.D
Acq On : 2 Apr 2019 21:41
Operator : JU/SJ
Sample : K2182-09
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S7C(12-20)COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

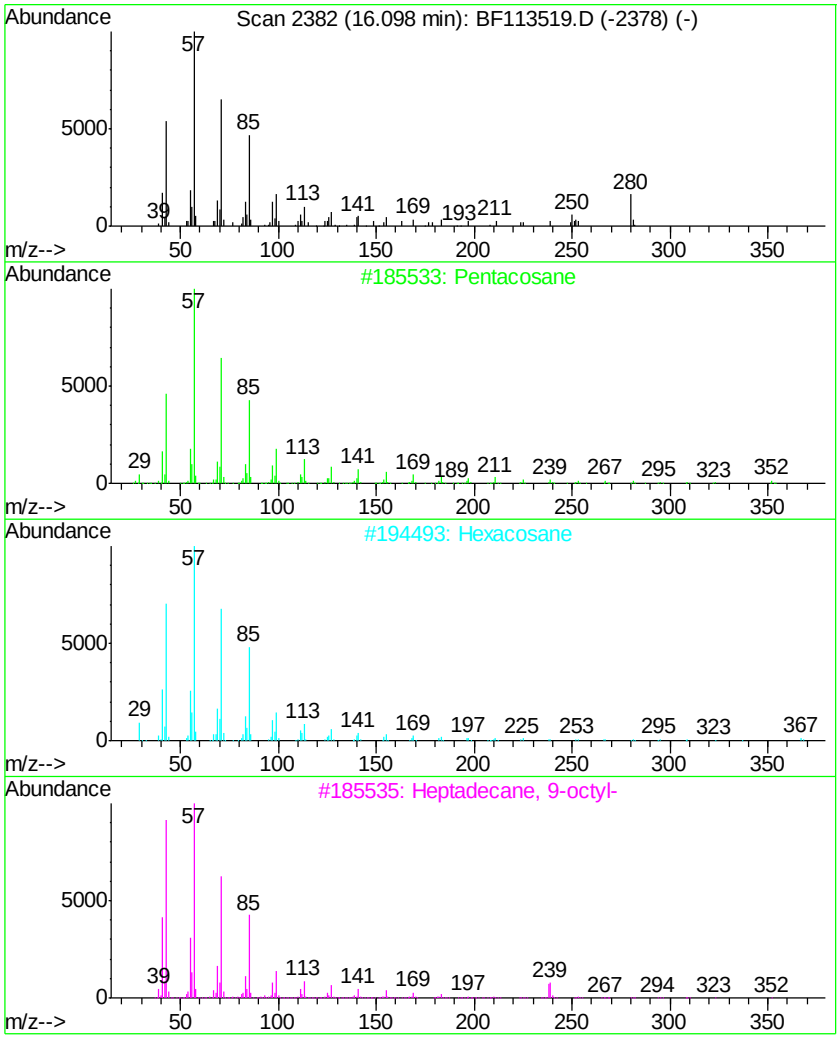
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

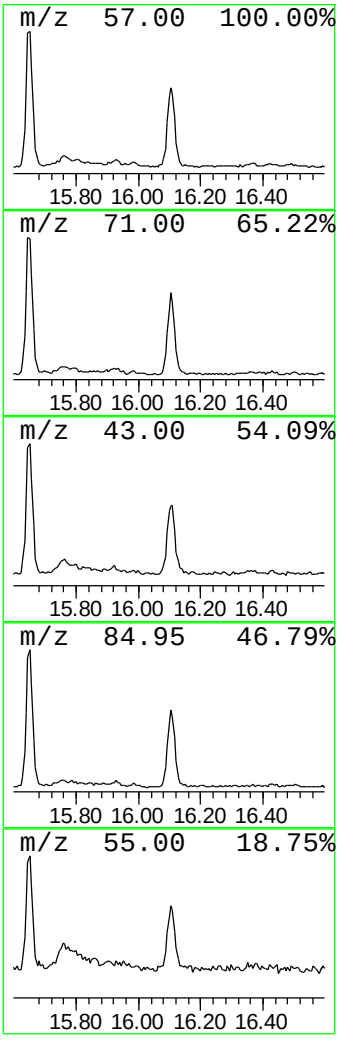
****

Peak Number 10 Pentacosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.10	2.28 ng	157244	Perylene-d12	15.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentacosane	352	C25H52	000629-99-2	87
2	Hexacosane	366	C26H54	000630-01-3	87
3	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	87
4	Octacosane	394	C28H58	000630-02-4	87
5	Heneicosane	296	C21H44	000629-94-7	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040219\
Data File : BF113519.D
Acq On : 2 Apr 2019 21:41
Operator : JU/SJ
Sample : K2182-09
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S7C(12-20)COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032519.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
unknown6.46	6.46	69.2	ng	2953810	1	6.69	853150	20.0
n-Hexadecanoic acid	11.73	4.6	ng	246008	4	11.20	1076480	20.0
Heptacosyl pentaf...	13.69	6.5	ng	418722	5	13.83	1296880	20.0
Eicosane	14.30	2.4	ng	155644	5	13.83	1296880	20.0
Heptadecane	14.60	3.0	ng	209978	6	15.23	1379180	20.0
Octadecane	14.90	3.7	ng	255322	6	15.23	1379180	20.0
Benzo[e]pyrene	15.12	3.1	ng	215055	6	15.23	1379180	20.0
Triacontane	15.64	4.1	ng	282641	6	15.23	1379180	20.0
Pentacosane	16.10	2.3	ng	157244	6	15.23	1379180	20.0