LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031119\
Data File : BF112992.D
Acq On : 12 Mar 2019 8:57
Operator : JU/SJ
Sample : K1817-11
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PST-028-B009-030619

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-BF022719.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	5.328	547	551	571	rBV	2000271	1953106	79.80%	8.488%
2	6.363	723	727	746	rBV	2431792	2159623	88.24%	9.385%
3	6.498	746	750	753	rBV	2323447	2092887	85.51%	9.095%
4	6.728	786	789	793	rBV	729711	563835	23.04%	2.450%
5	6.887	812	816	819	rBV	1816197	1522464	62.20%	6.616%
6	7.287	880	884	898	rBV	1447849	1287042	52.59%	5.593%
7	8.010	1004	1007	1015	rBV	684041	698364	28.53%	3.035%
8	9.086	1186	1190	1205	rBV	2350185	2230086	91.12%	9.692%
9	9.481	1254	1257	1264	rBV	194105	189027	7.72%	0.821%
10	9.763	1301	1305	1319	rVB	973710	950863	38.85%	4.132%
11	10.545	1434	1438	1454	rBV	1952889	1927043	78.73%	8.375%
12	11.239	1552	1556	1564	rBV	1087127	1095912	44.78%	4.763%
13	11.775	1644	1647	1658	rBV	268960	332855	13.60%	1.447%
14	12.498	1763	1770	1773	rBV3	20889	25695	1.05%	0.112%
15	12.557	1777	1780	1793	rBV2	86863	141995	5.80%	0.617%
16	12.651	1793	1796	1798	rBV	37742	31166	1.27%	0.135%
17	12.816	1820	1824	1829	rBV	2660531	2447542	100.00%	10.637%
18	13.304	1904	1907	1912	rBV	96056	89177	3.64%	0.388%
19	13.404	1918	1924	1926	rBV2	27590	29442	1.20%	0.128%
20	13.727	1975	1979	1994	rBV	151846	240260	9.82%	1.044%
21	13.863	1998	2002	2012	rBV	924102	926099	37.84%	4.025%
22	14.045	2029	2033	2041	rBV	101645	116719	4.77%	0.507%
23	14.345	2081	2084	2095	rBV2	173457	241563	9.87%	1.050%
24	14.639	2131	2134	2138	rBV	238505	221324	9.04%	0.962%
25	14.957	2184	2188	2192	rBV	246179	258629	10.57%	1.124%
26	15.268	2236	2241	2245	rBV	496209	640550	26.17%	2.784%
27	15.310	2245	2248	2256	rVB	206673	278062	11.36%	1.208%
28	15.715	2312	2317	2324	rBV	146708	208321	8.51%	0.905%
29	16.180	2392	2396	2401	rVB	68268	110563	4.52%	0.480%

Sum of corrected areas: 23010214

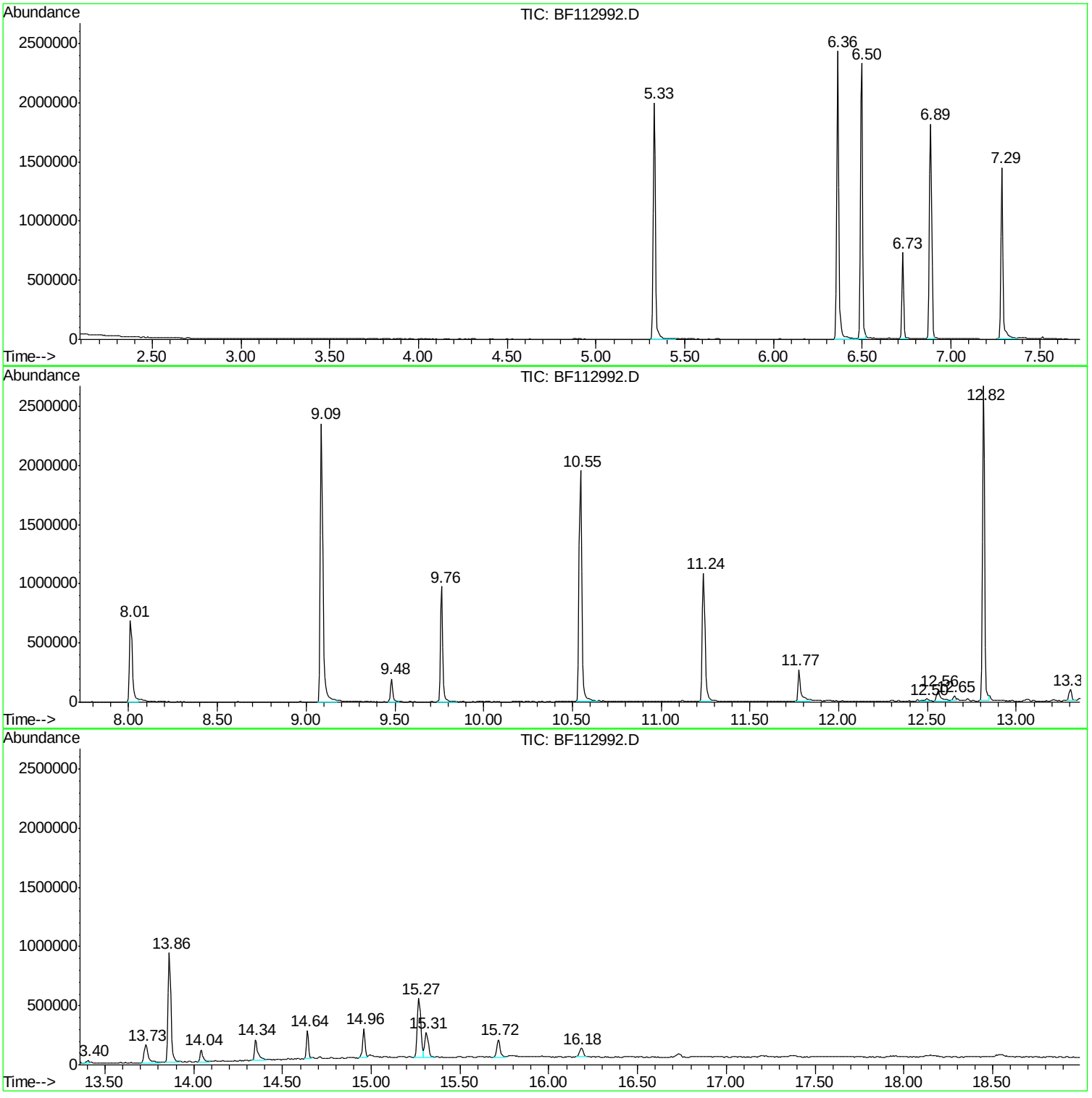
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031119\
Data File : BF112992.D
Acq On : 12 Mar 2019 8:57
Operator : JU/SJ
Sample : K1817-11
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PST-028-B009-030619

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.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

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

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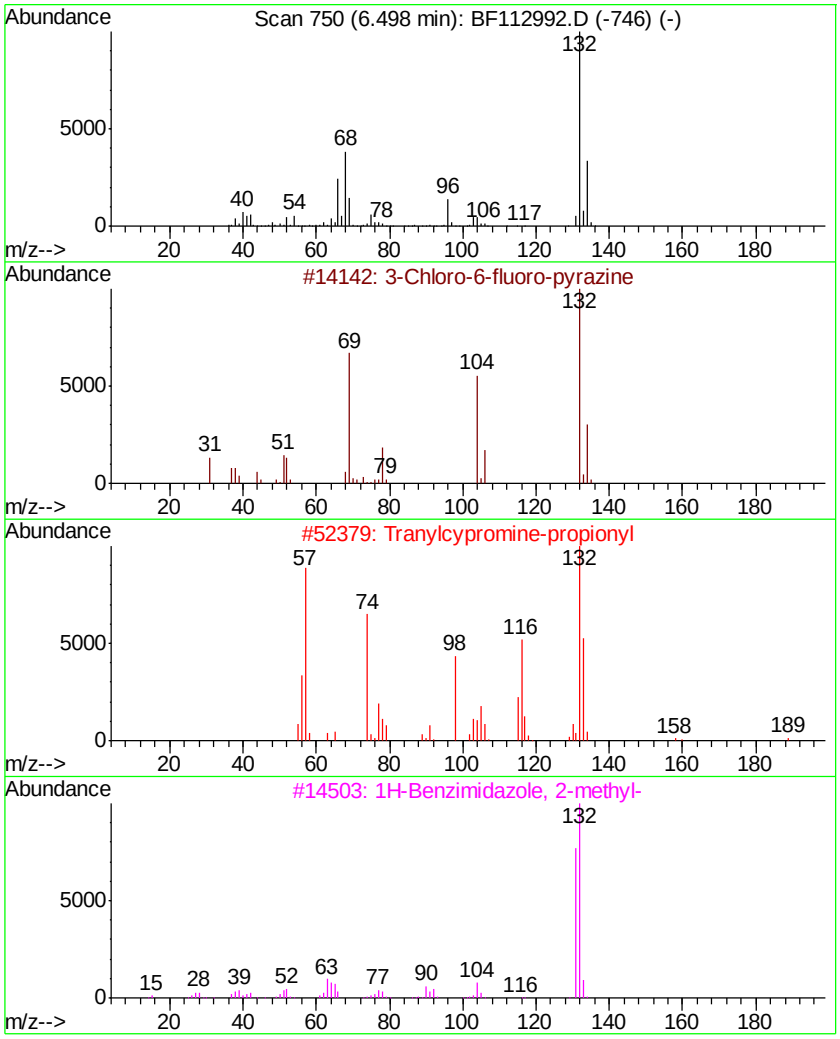
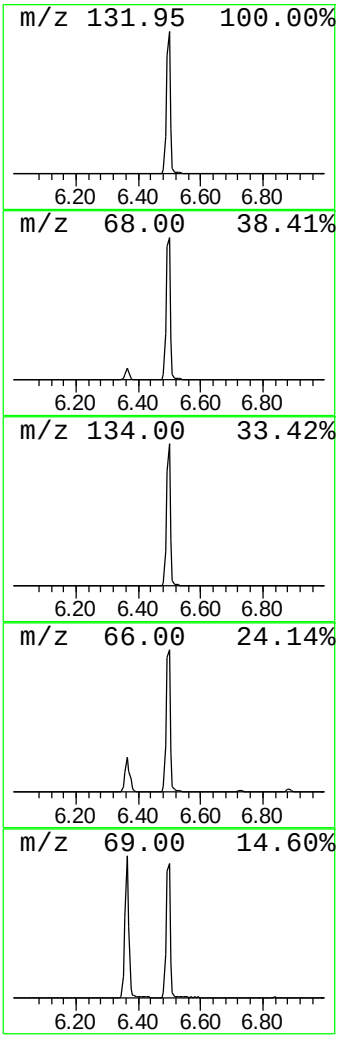
Peak Number 1 unknown6.50 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.50	74.24 ng	2092890	1,4-Dichlorobenzene-d4	6.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
3	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	9
4	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9
5	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9





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Instrument : BNA_F
ClientSampleId : PST-028-B009-030619

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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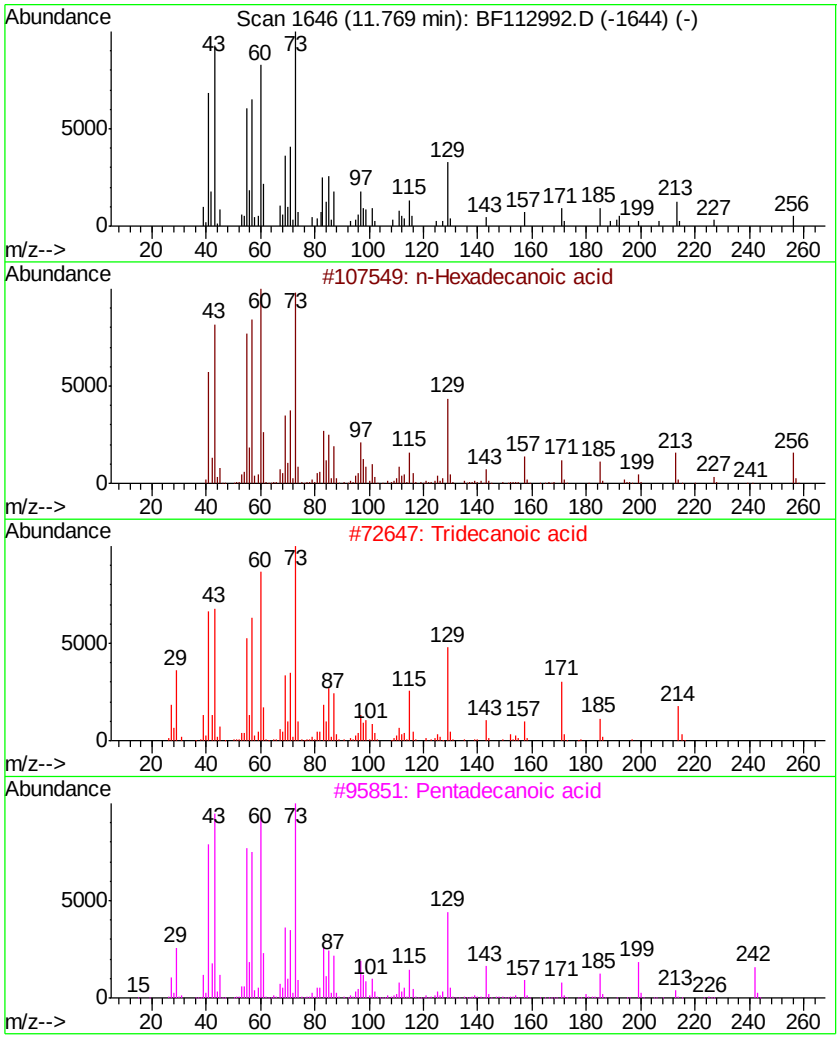
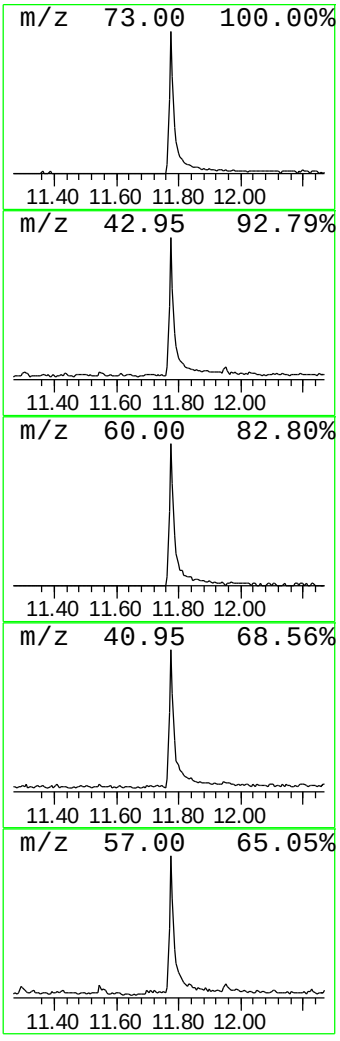
Peak Number 3 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.77	6.07 ng	332855	Phenanthrene-d10	11.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Tridecanoic acid	214	C13H26O2	000638-53-9	94
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	80
5	Oxalic acid, dodecyl propyl ester	300	C17H32O4	1000309-26-5	30





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Instrument : BNA_F
ClientSampleId : PST-028-B009-030619

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
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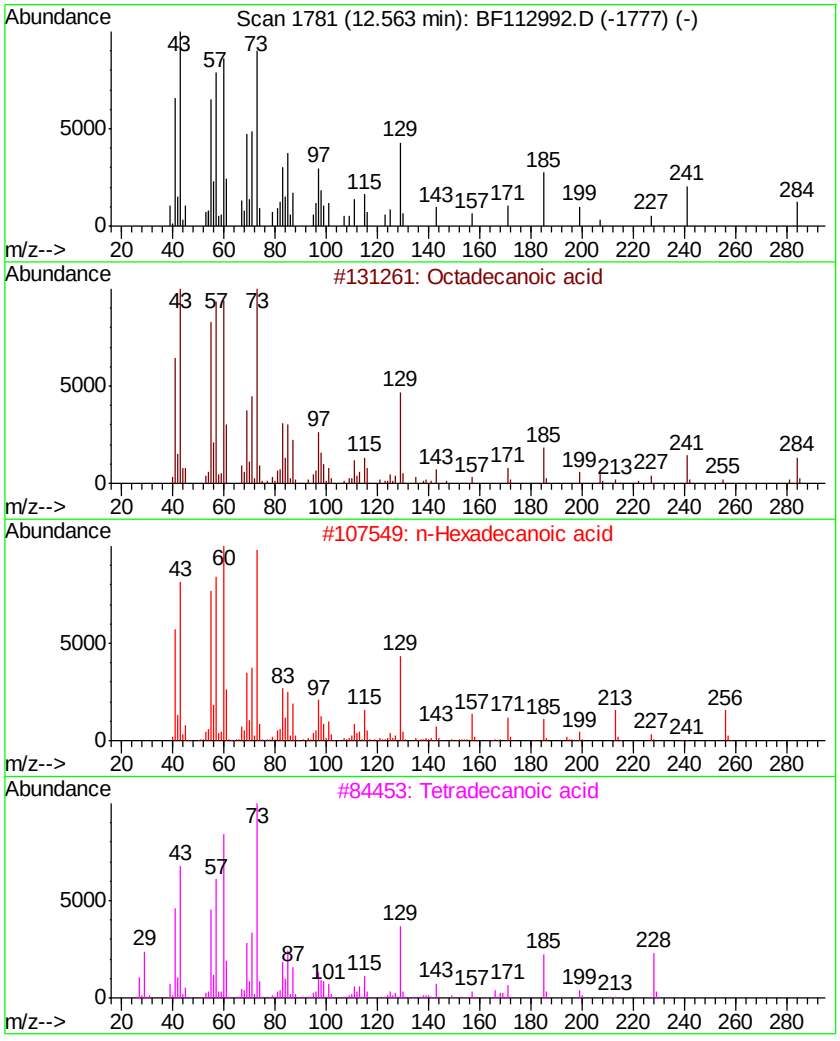
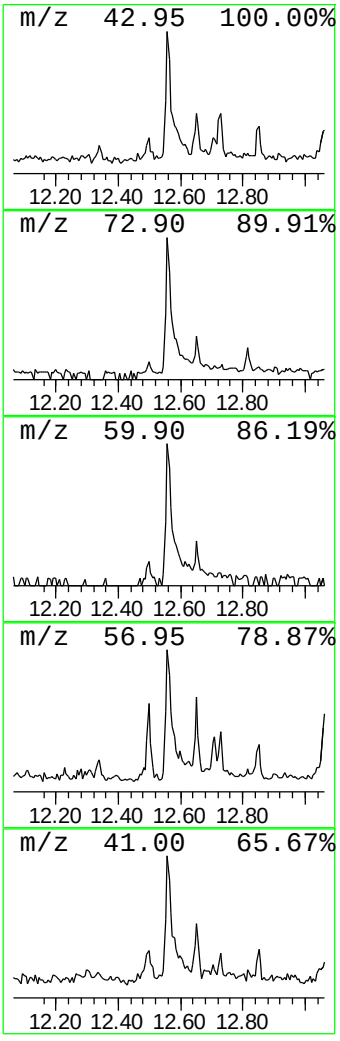
Peak Number 4 Octadecanoic acid Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.56	3.07 ng	141995	Chrysene-d12	13.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	83
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	83
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	80
5	Undecanoic acid	186	C11H22O2	000112-37-8	62





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Sample : K1817-11
Misc :
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Instrument : BNA_F
ClientSampleId : PST-028-B009-030619

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.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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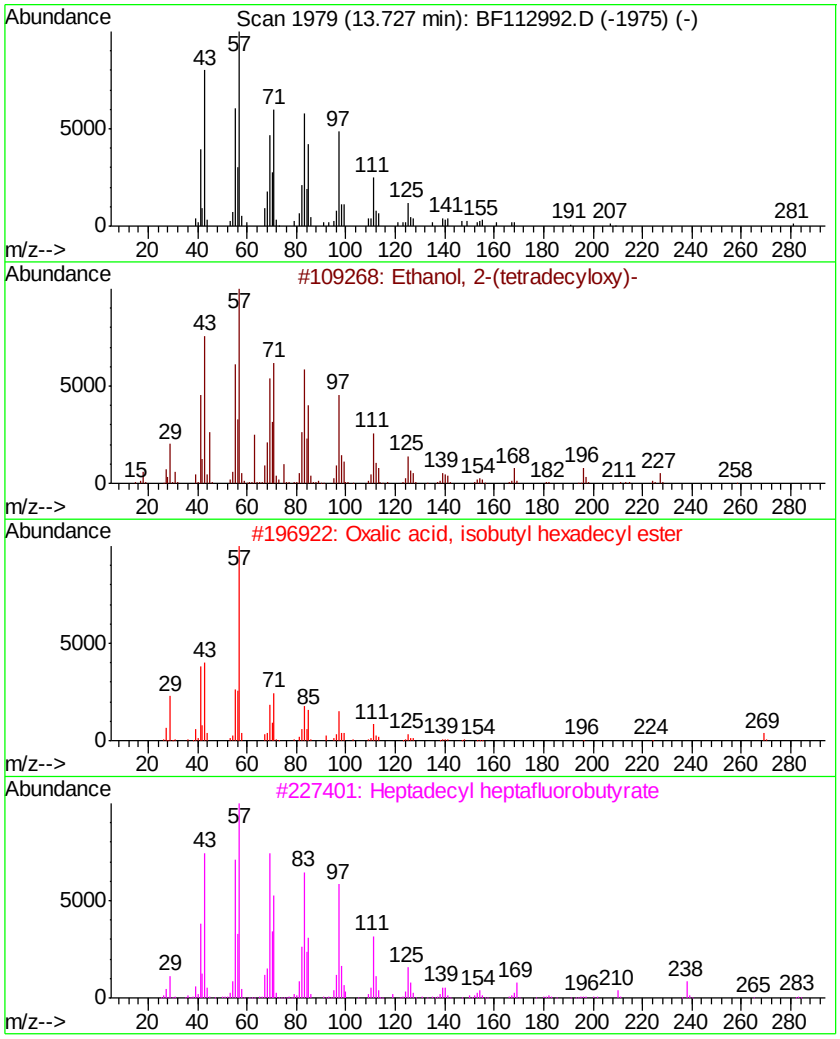
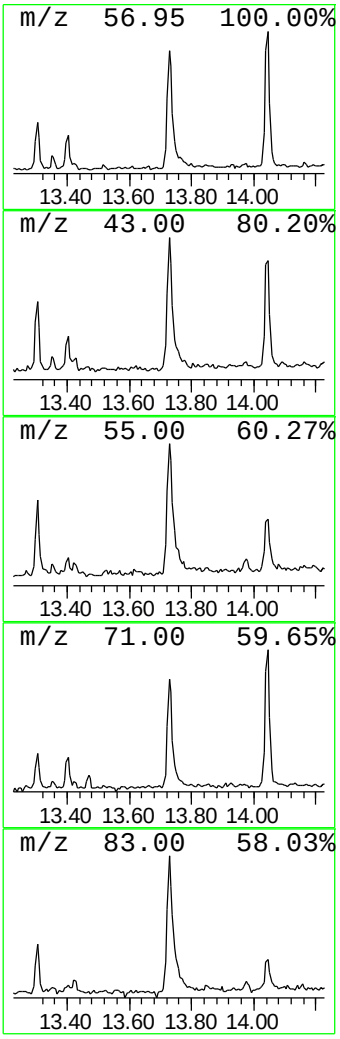
Peak Number 5 Ethanol, 2-(tetradecyloxy)- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.73	5.19 ng	240260	Chrysene-d12	13.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	91
2	Oxalic acid, isobutyl hexadecyl ...	370	C22H42O4	1000309-38-1	91
3	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	76
4	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	76
5	Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	76





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031119\
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Instrument : BNA_F
ClientSampleId : PST-028-B009-030619

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
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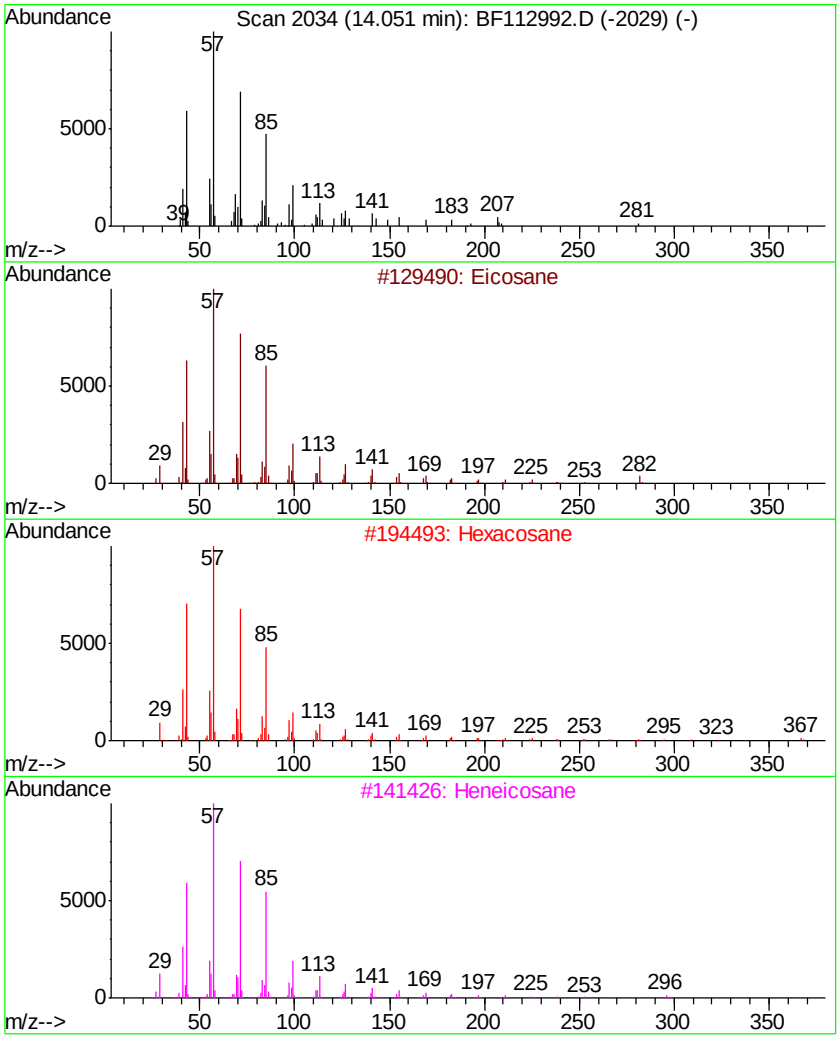
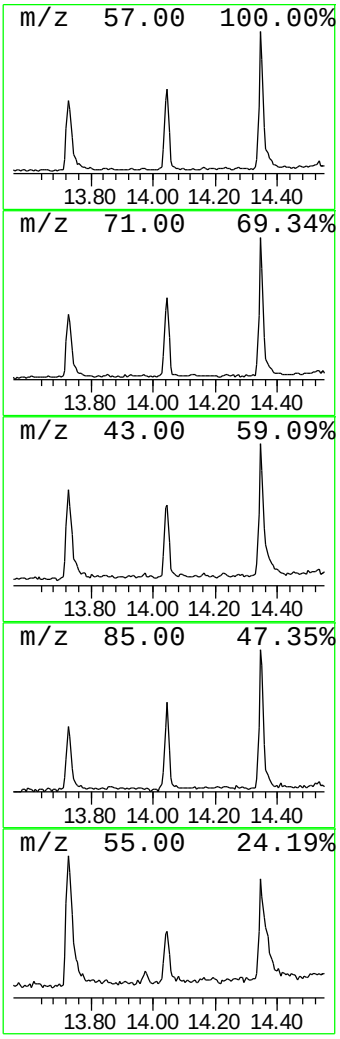
Peak Number 6 Eicosane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.05	2.52 ng	116719	Chrysene-d12	13.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	97
2	Hexacosane	366	C26H54	000630-01-3	91
3	Heneicosane	296	C21H44	000629-94-7	91
4	Octacosane	394	C28H58	000630-02-4	91
5	Nonadecane, 2-methyl-	282	C20H42	001560-86-7	90





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Misc :
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Instrument : BNA_F
ClientSampleId : PST-028-B009-030619

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TIC Library : C:\DATABASE\NIST11.L
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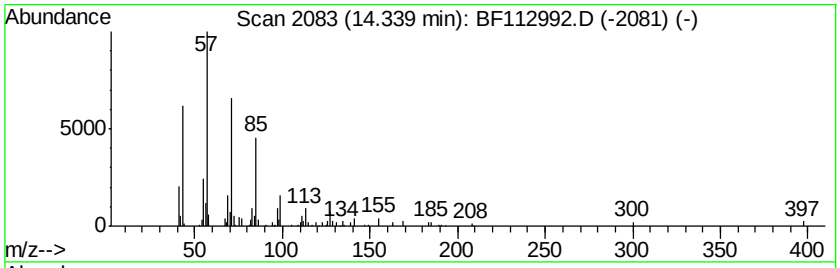
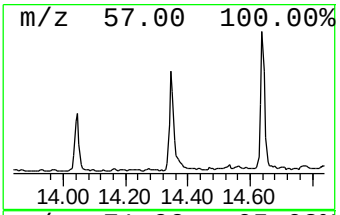
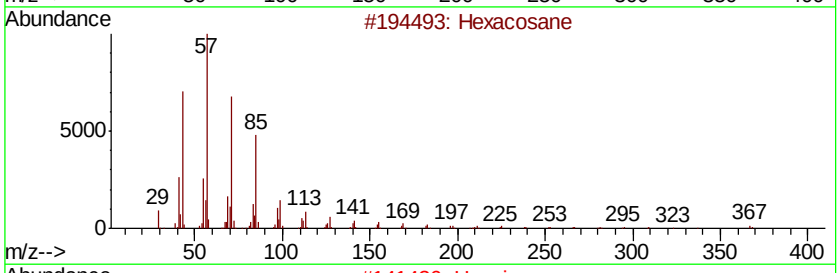
Peak Number 7 Hexacosane Concentration Rank 7

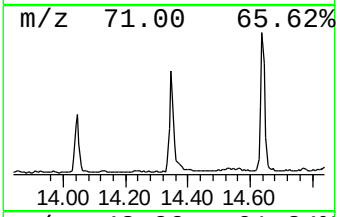
R.T.	EstConc	Area	Relative to ISTD	R.T.
14.34	5.22 ng	241563	Chrysene-d12	13.86

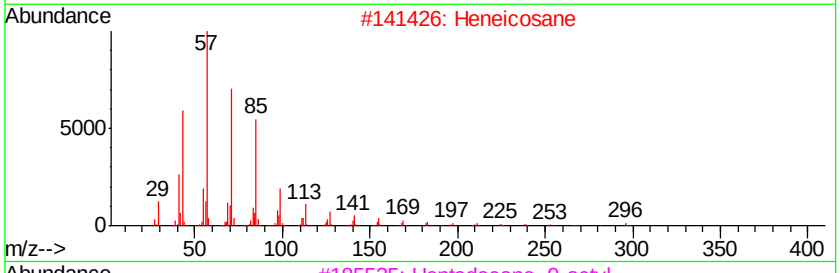
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	94
2	Heneicosane	296	C21H44	000629-94-7	91
3	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
4	Triacontane	422	C30H62	000638-68-6	91
5	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	91

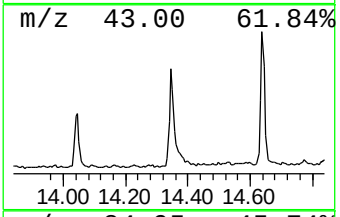


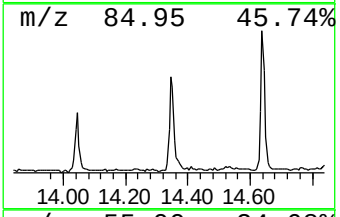


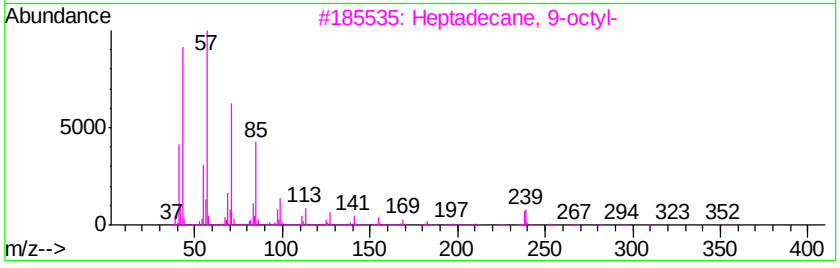


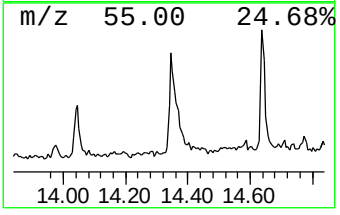












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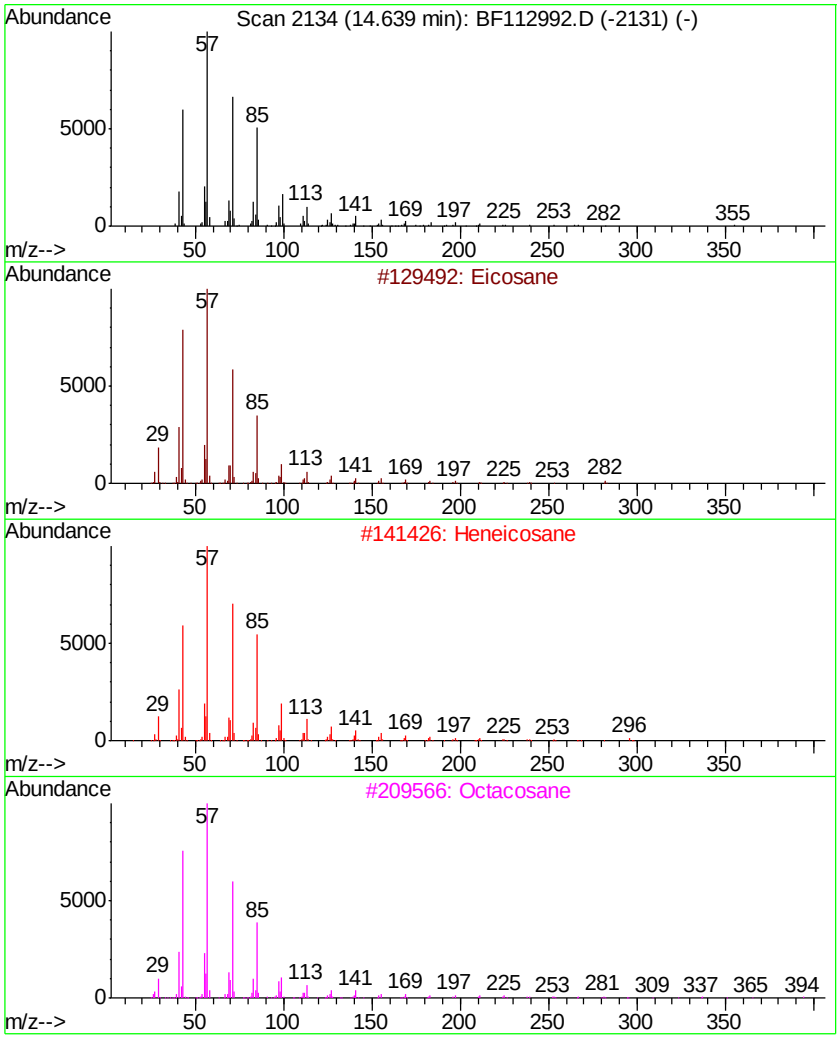
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

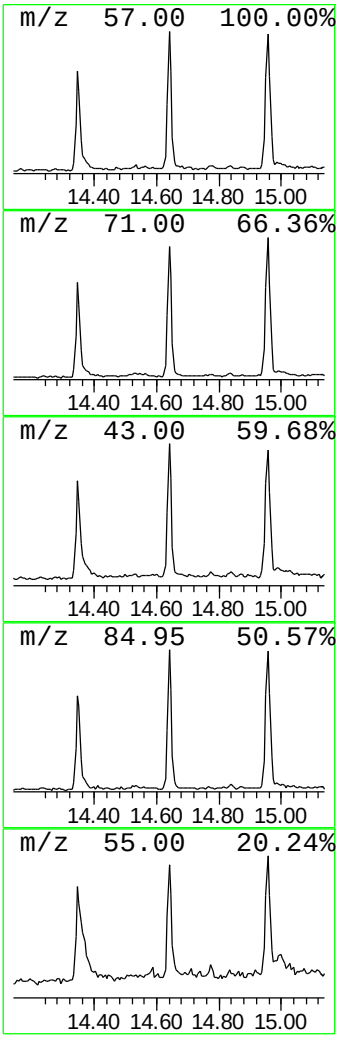
****

Peak Number 8 unknown14.64 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.64	6.91 ng	221324	Perylene-d12	15.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	94
2	Heneicosane	296	C21H44	000629-94-7	91
3	Octacosane	394	C28H58	000630-02-4	91
4	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	91
5	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	90





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TIC Library : C:\DATABASE\NIST11.L
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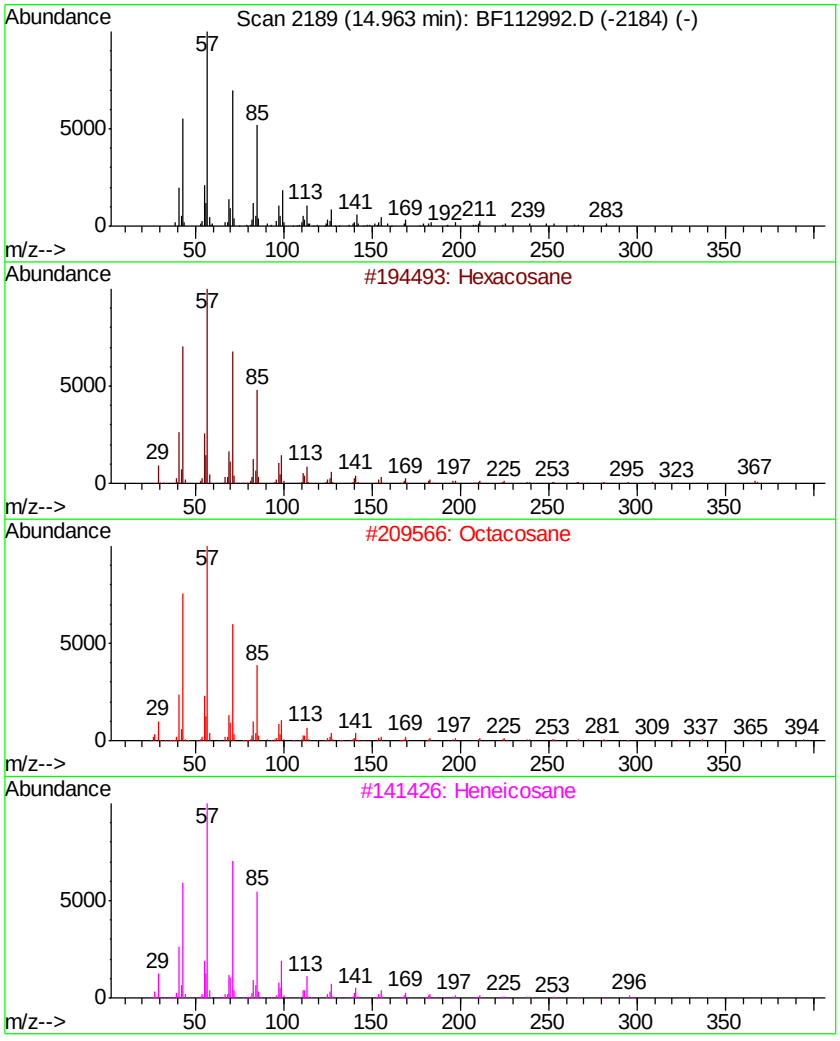
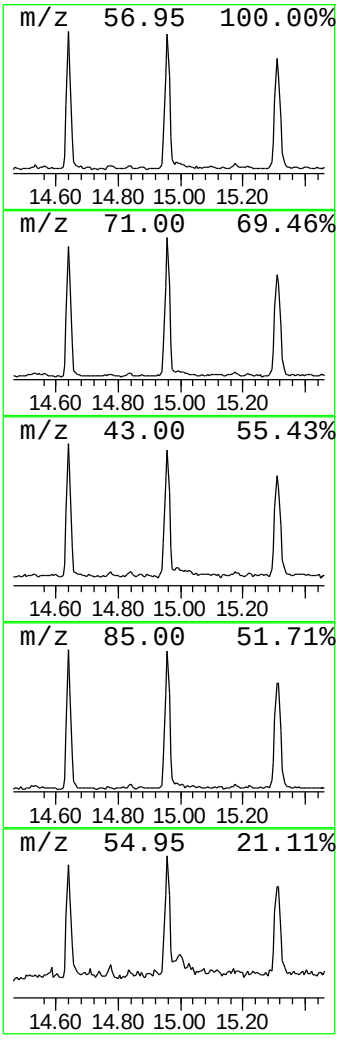
Peak Number 9 unknown14.96 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.96	8.08 ng	258629	Perylene-d12	15.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	91
2	Octacosane	394	C28H58	000630-02-4	91
3	Heneicosane	296	C21H44	000629-94-7	91
4	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
5	Heptadecane	240	C17H36	000629-78-7	91





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Sample : K1817-11
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PST-028-B009-030619

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

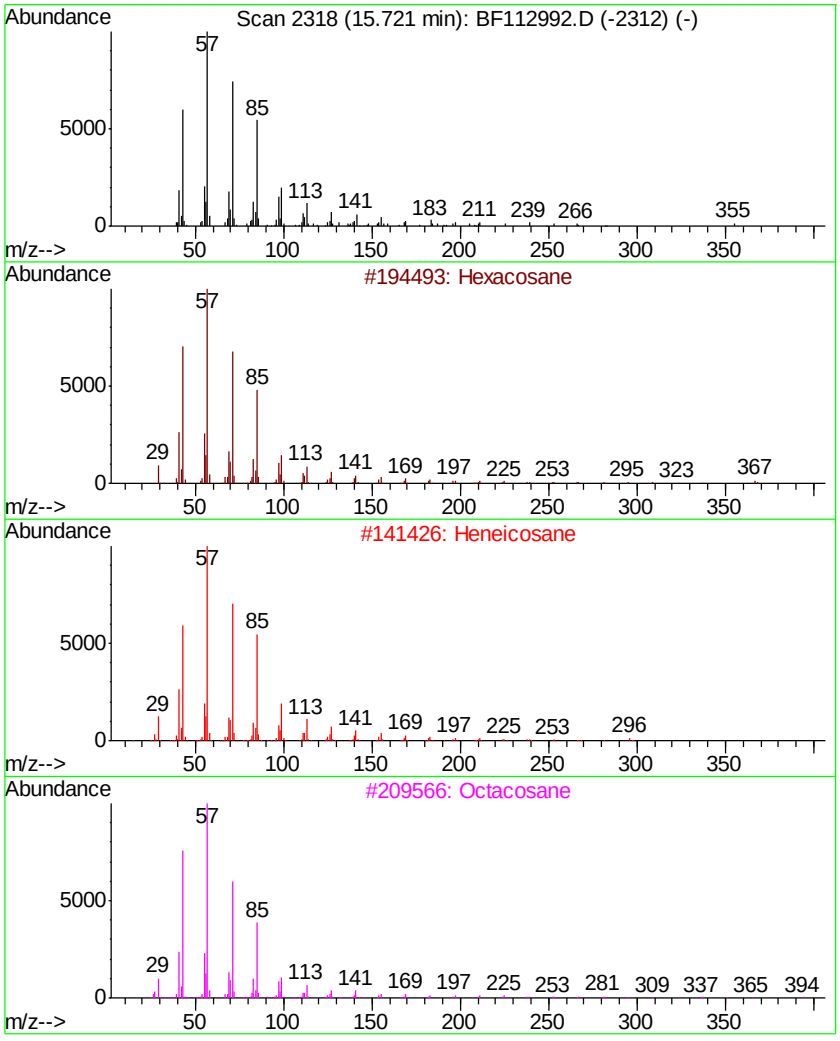
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

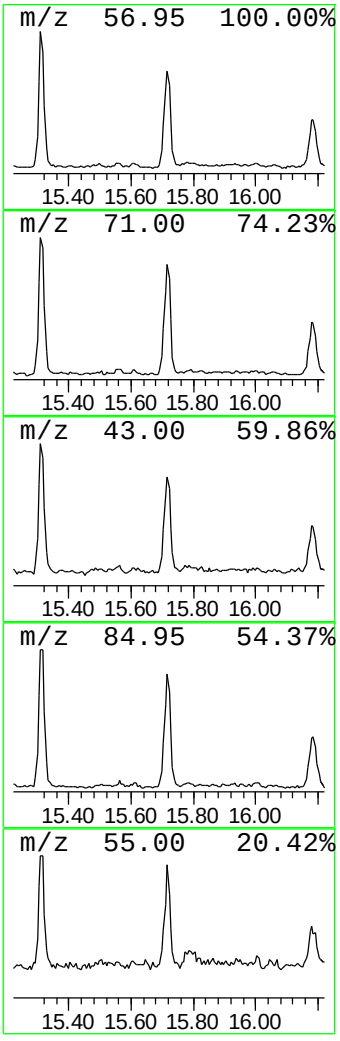
****

Peak Number 10 unknown15.72 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.72	6.50 ng	208321	Perylene-d12	15.27

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	Octacosane	394	C28H58	000630-02-4	91
4	2-methyloctacosane	408	C29H60	1000376-72-8	91
5	Docosane	310	C22H46	000629-97-0	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF031119\
Data File : BF112992.D
Acq On : 12 Mar 2019 8:57
Operator : JU/SJ
Sample : K1817-11
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PST-028-B009-030619

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.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
unknown6.50	6.50	74.2	ng	2092890	1	6.73	563835	20.0
n-Hexadecanoic acid	11.77	6.1	ng	332855	4	11.24	1095910	20.0
Octadecanoic acid	12.56	3.1	ng	141995	5	13.86	926099	20.0
Ethanol, 2-(tetra...	13.73	5.2	ng	240260	5	13.86	926099	20.0
Eicosane	14.05	2.5	ng	116719	5	13.86	926099	20.0
Hexacosane	14.34	5.2	ng	241563	5	13.86	926099	20.0
unknown14.64	14.64	6.9	ng	221324	6	15.27	640550	20.0
unknown14.96	14.96	8.1	ng	258629	6	15.27	640550	20.0
unknown15.72	15.72	6.5	ng	208321	6	15.27	640550	20.0