LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030519\
Data File : BF112862.D
Acq On : 5 Mar 2019 19:50
Operator : JU/SJ
Sample : K1705-07
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EXT-028-SW009-022719

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	5.351	550	555	558	rBV	3888920	4231188	92.13%	9.282%
2	6.381	724	730	733	rBV	3923254	4562651	99.35%	10.009%
3	6.510	747	752	755	rBV	4639101	4592706	100.00%	10.075%
4	6.739	787	791	794	rBV	1182713	1019760	22.20%	2.237%
5	6.898	813	818	821	rBV	3630798	3396798	73.96%	7.451%
6	7.298	881	886	889	rBV	2977822	2873827	62.57%	6.304%
7	8.016	1004	1008	1031	rBV	1276916	1338591	29.15%	2.936%
8	9.098	1187	1192	1202	rBV	4056183	4222687	91.94%	9.263%
9	9.486	1255	1258	1264	rVB	360197	307340	6.69%	0.674%
10	9.769	1302	1306	1310	rBV	1572861	1445043	31.46%	3.170%
11	9.798	1310	1311	1316	rVB	66821	46794	1.02%	0.103%
12	9.975	1338	1341	1344	rBV2	44453	48302	1.05%	0.106%
13	10.316	1396	1399	1405	rVB	55843	55701	1.21%	0.122%
14	10.557	1435	1440	1454	rBV	3053864	3230588	70.34%	7.087%
15	11.139	1536	1539	1546	rVB	38555	54448	1.19%	0.119%
16	11.245	1553	1557	1559	rBV	1579156	1385499	30.17%	3.039%
17	11.269	1559	1561	1565	rVV	690997	574044	12.50%	1.259%
18	11.322	1565	1570	1573	rVB	116370	126143	2.75%	0.277%
19	11.474	1592	1596	1599	rBV2	58722	61162	1.33%	0.134%
20	11.745	1640	1642	1645	rBV	76842	72933	1.59%	0.160%
21	11.786	1645	1649	1653	rBV2	720528	744311	16.21%	1.633%
22	11.857	1658	1661	1664	rBV	115795	114456	2.49%	0.251%
23	12.039	1690	1692	1694	rBV	54461	50307	1.10%	0.110%
24	12.063	1694	1696	1703	rVB2	59649	68085	1.48%	0.149%
25	12.292	1733	1735	1739	rBV2	52250	55967	1.22%	0.123%
26	12.374	1747	1749	1754	rVB3	40305	48536	1.06%	0.106%
27	12.451	1758	1762	1767	rBV	689196	642607	13.99%	1.410%
28	12.569	1779	1782	1792	rBV3	240938	345633	7.53%	0.758%
29	12.680	1795	1801	1804	rVV2	518903	626439	13.64%	1.374%
30	12.733	1807	1810	1816	rVB3	34839	50164	1.09%	0.110%
31	12.827	1822	1826	1830	rVB	3630733	3303808	71.94%	7.247%
32	12.904	1833	1839	1841	rBV2	49749	77933	1.70%	0.171%
33	13.010	1854	1857	1860	rVB	86592	91332	1.99%	0.200%
34	13.074	1865	1868	1871	rVB	71872	60440	1.32%	0.133%

LSC Area Percent Report

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Operator : JU/SJ
Sample : K1705-07
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EXT-028-SW009-022719

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

35	13.110	1871	1874	1877	rBV	71169	71689	1.56%	0.157%
36	13.316	1906	1909	1914	rVB6	46578	58990	1.28%	0.129%
37	13.510	1939	1942	1947	rVB	50974	71031	1.55%	0.156%
38	13.621	1957	1961	1964	rBV2	51794	80836	1.76%	0.177%
39	13.733	1975	1980	1986	rVB3	240311	320706	6.98%	0.704%
40	13.874	1998	2004	2006	rBV2	1360955	1542195	33.58%	3.383%
41	13.898	2006	2008	2014	rVB	265138	236761	5.16%	0.519%
42	14.057	2032	2035	2038	rVB2	77707	71381	1.55%	0.157%
43	14.363	2083	2087	2092	rBV2	210613	283428	6.17%	0.622%
44	14.657	2134	2137	2143	rVB	117590	146932	3.20%	0.322%
45	14.880	2172	2175	2182	rVB	216561	385221	8.39%	0.845%
46	14.974	2188	2191	2193	rBV2	243394	255694	5.57%	0.561%
47	15.162	2220	2223	2228	rBV	113762	134882	2.94%	0.296%
48	15.221	2229	2233	2238	rVB	176687	204004	4.44%	0.448%
49	15.280	2239	2243	2248	rVV	1058910	1279522	27.86%	2.807%
50	15.333	2249	2252	2255	rVB	122473	144089	3.14%	0.316%
51	15.739	2316	2321	2325	rBV	168388	243685	5.31%	0.535%
52	15.786	2326	2329	2337	rVB6	62151	129672	2.82%	0.284%

Sum of corrected areas: 45586941

LSC Report - Integrated Chromatogram

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Operator : JU/SJ
Sample : K1705-07
Misc :
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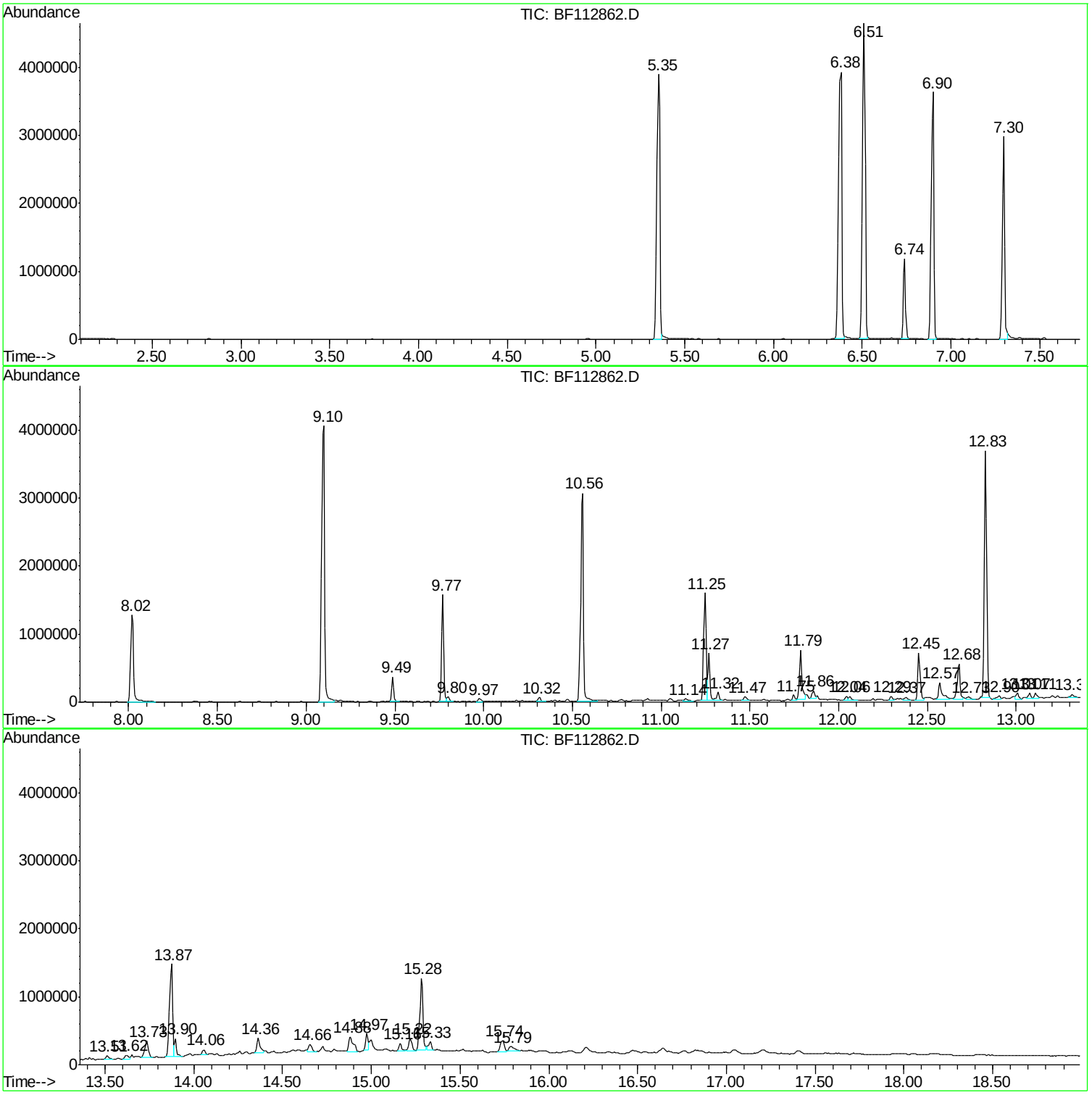
Instrument : BNA_F
ClientSampleId : EXT-028-SW009-022719

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030519\
Data File : BF112862.D
Acq On : 5 Mar 2019 19:50
Operator : JU/SJ
Sample : K1705-07
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EXT-028-SW009-022719

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

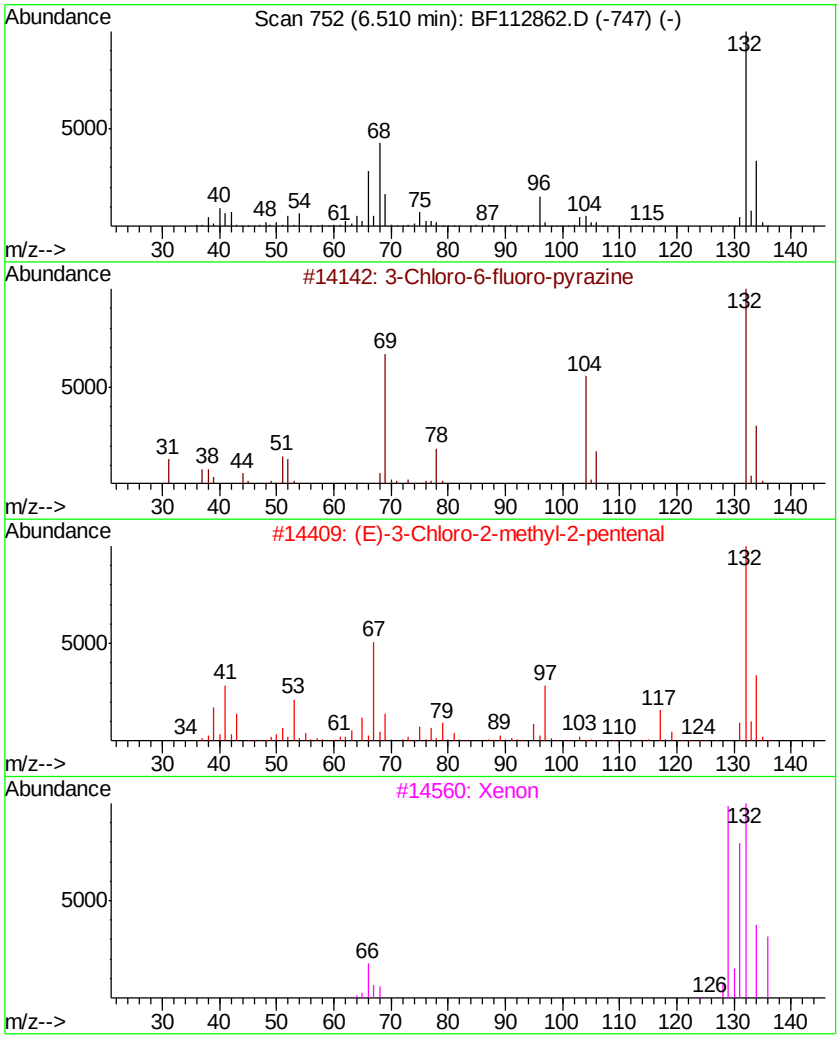
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

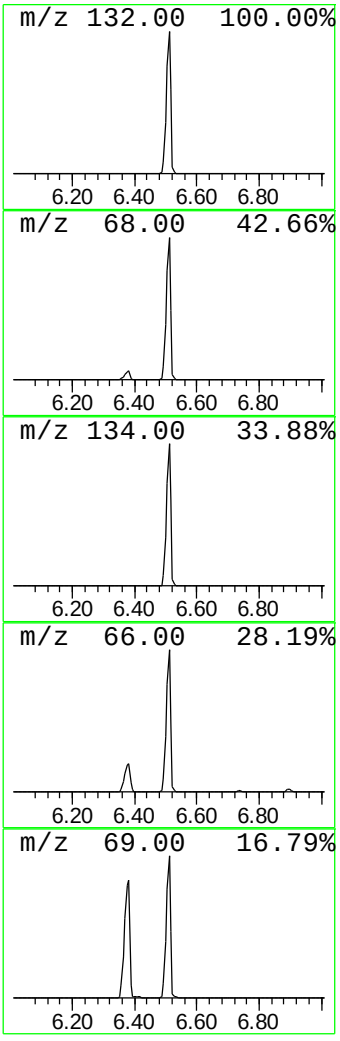
****

Peak Number 1 unknown6.51 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.51	90.07 ng	4592710	1,4-Dichlorobenzene-d4	6.74

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	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9





Library Search Compound Report

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Operator : JU/SJ
Sample : K1705-07
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EXT-028-SW009-022719

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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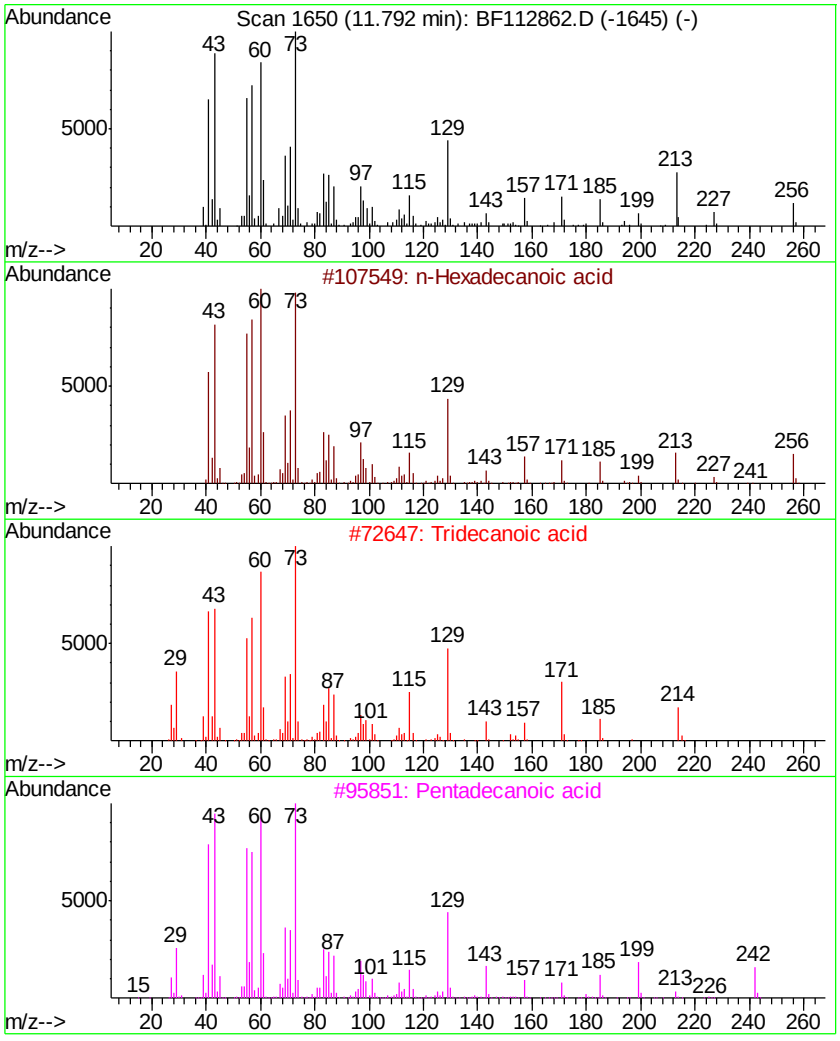
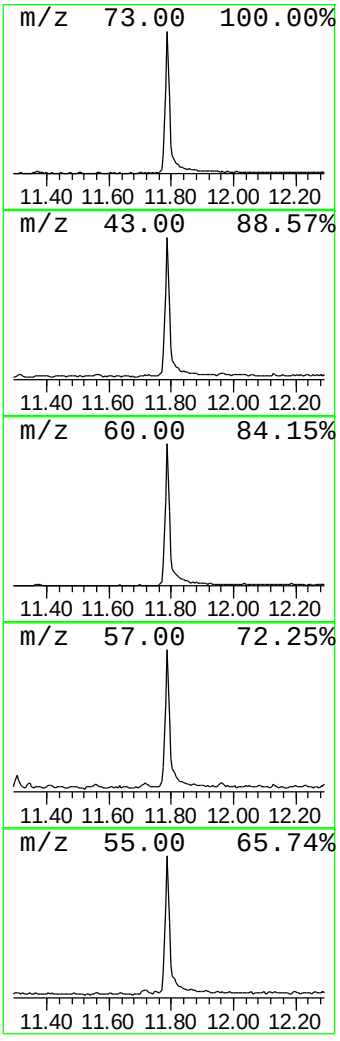
Peak Number 3 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.79	10.74 ng	744311	Phenanthrene-d10	11.25

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	95
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	93
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	90
5	n-Decanoic acid	172	C10H20O2	000334-48-5	25





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030519\
Data File : BF112862.D
Acq On : 5 Mar 2019 19:50
Operator : JU/SJ
Sample : K1705-07
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EXT-028-SW009-022719

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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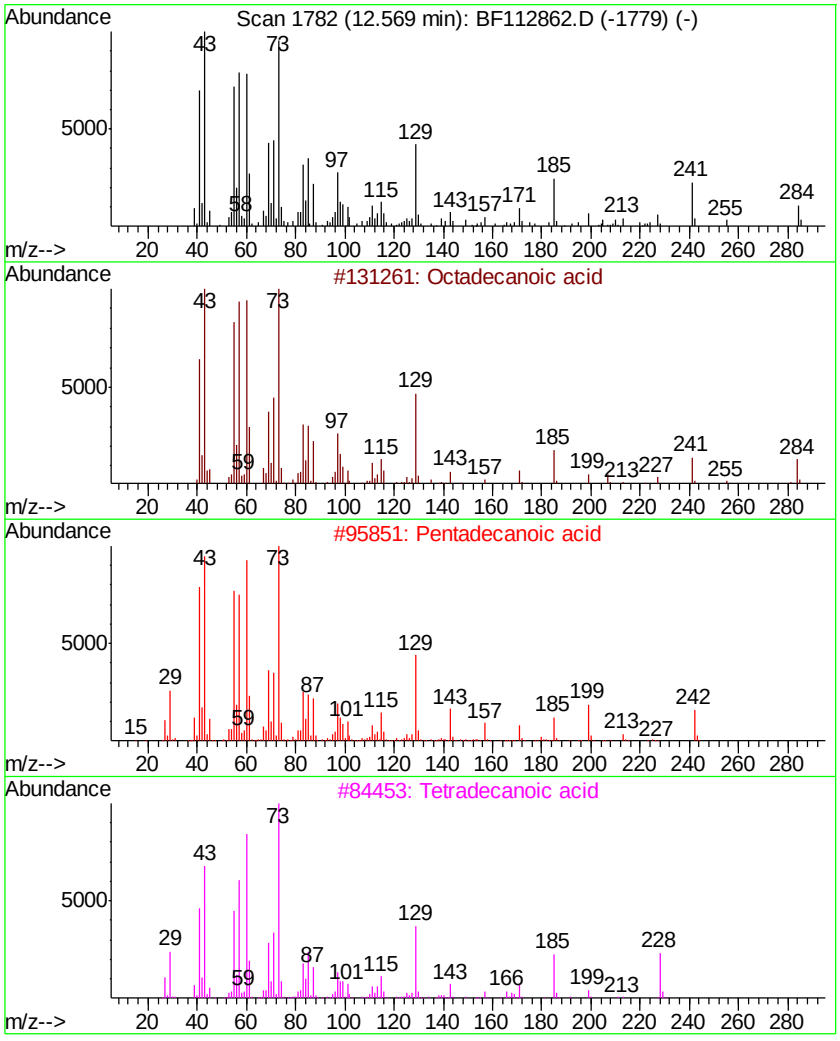
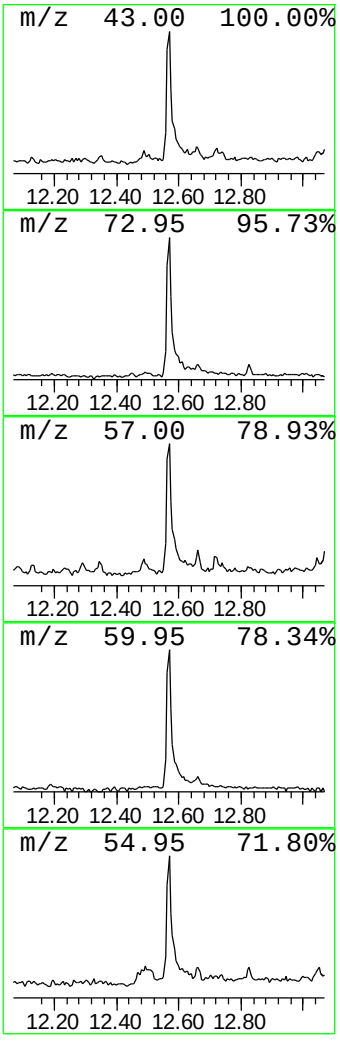
Peak Number 4 Octadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.57	4.48 ng	345633	Chrysene-d12	13.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	83
4	n-Decanoic acid	172	C10H20O2	000334-48-5	70
5	N-Cyclooct-4-enylacetamide	167	C10H17NO	170952-69-9	30





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030519\
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Acq On : 5 Mar 2019 19:50
Operator : JU/SJ
Sample : K1705-07
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EXT-028-SW009-022719

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

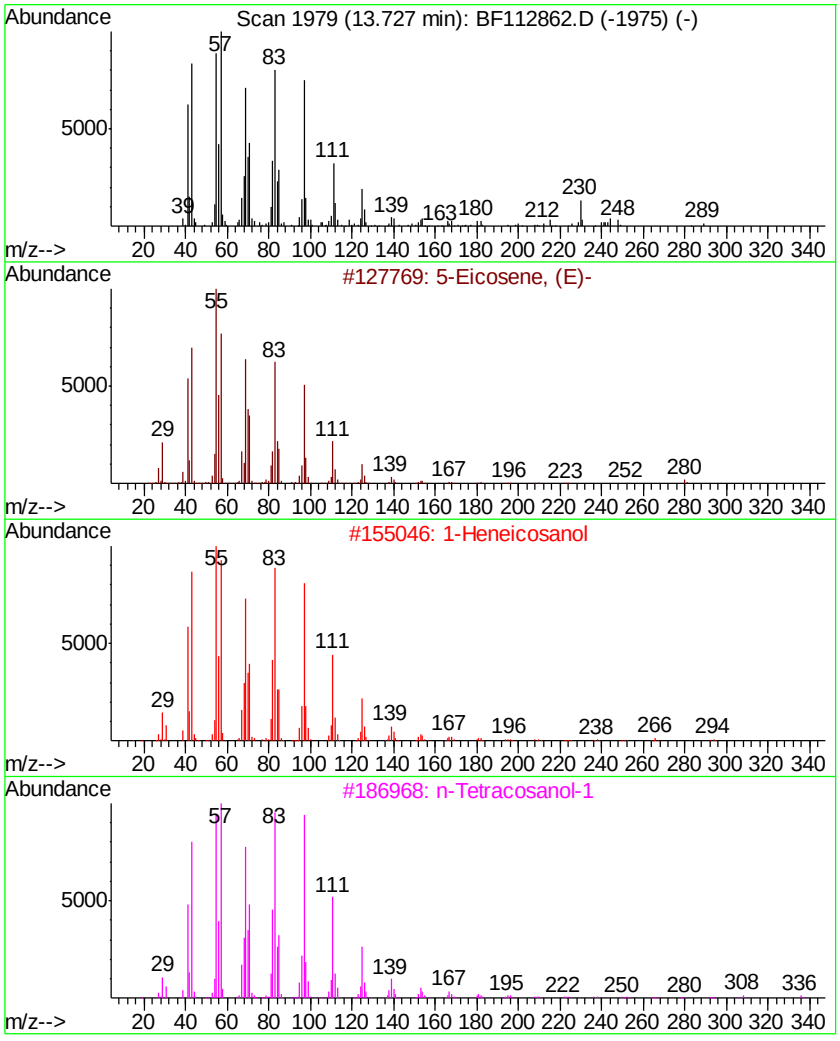
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

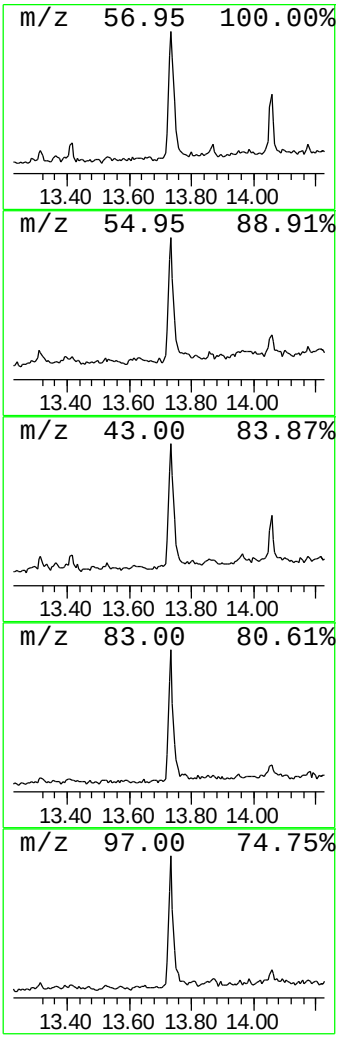
****

Peak Number 5 5-Eicosene, (E)- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.73	4.16 ng	320706	Chrysene-d12	13.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-	280	C20H40	074685-30-6	98
2	1-Heneicosanol	312	C21H44O	015594-90-8	95
3	n-Tetracosanol-1	354	C24H50O	000506-51-4	94
4	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	94
5	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	94





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Instrument : BNA_F
ClientSampleId : EXT-028-SW009-022719

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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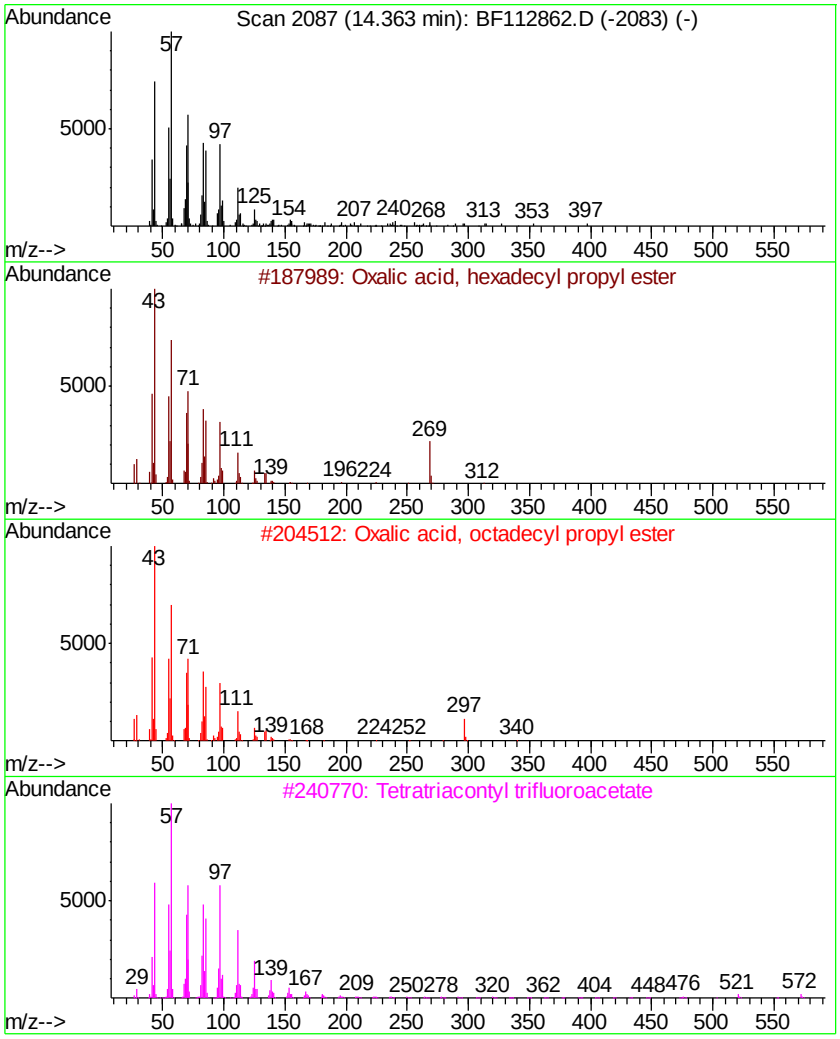
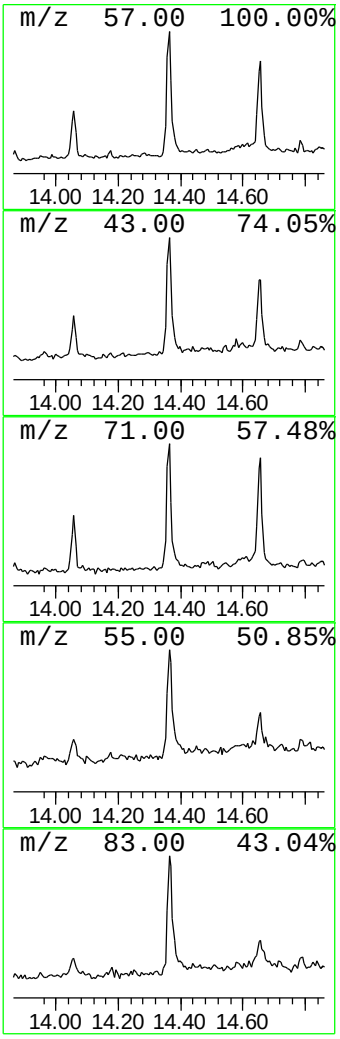
Peak Number 6 Oxalic acid, hexadecyl prop... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.36	3.68 ng	283428	Chrysene-d12	13.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxalic acid, hexadecyl propyl ester	356	C21H40O4	1000309-26-9	91
2	Oxalic acid, octadecyl propyl ester	384	C23H44O4	1000309-27-0	91
3	Tetratriacontyl trifluoroacetate	591	C36H69F3O2	1000351-75-3	91
4	1-Dodecanol, 2-octyl-	298	C20H42O	005333-42-6	91
5	Dotriacontyl pentafluoropropionate	612	C35H65F5O2	1000351-81-4	91





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Instrument : BNA_F
ClientSampleId : EXT-028-SW009-022719

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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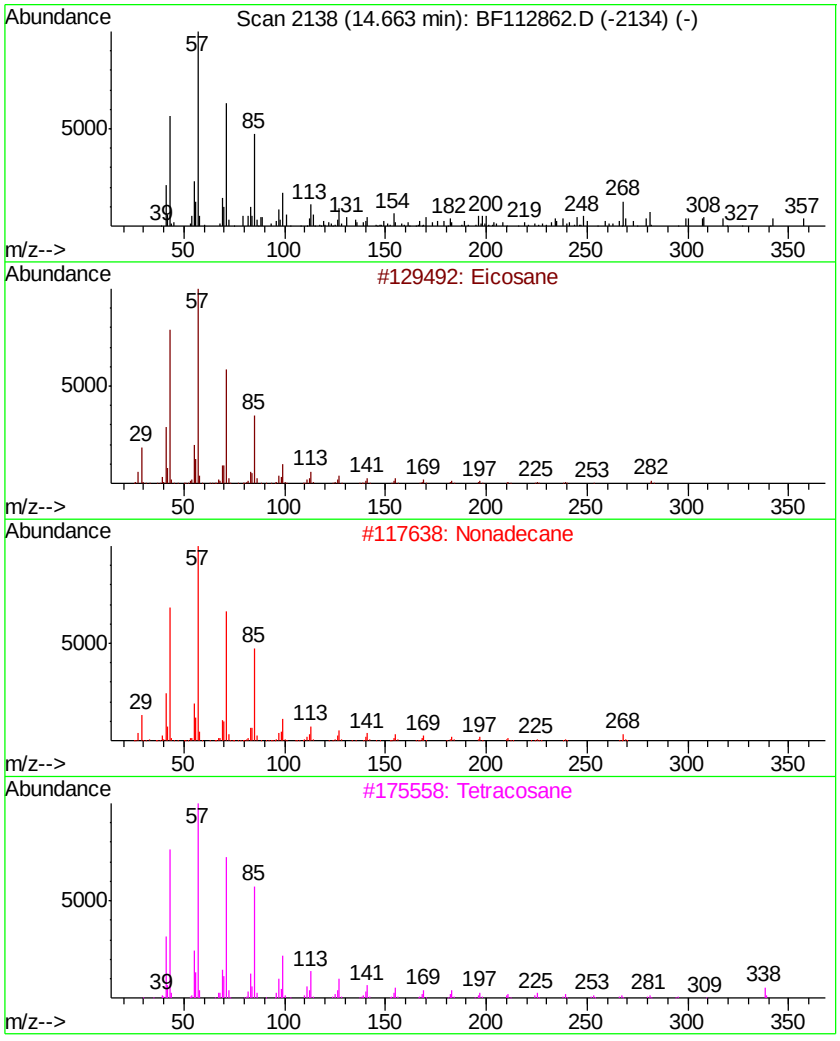
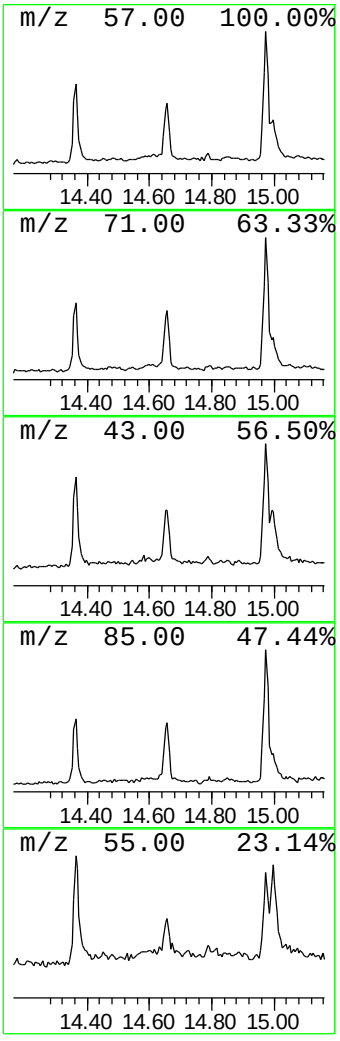
Peak Number 7 Eicosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.66	2.30 ng	146932	Perylene-d12	15.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	94
2	Nonadecane	268	C19H40	000629-92-5	89
3	Tetracosane	338	C24H50	000646-31-1	86
4	Hentriacontane	437	C31H64	000630-04-6	86
5	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	86





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Instrument : BNA_F
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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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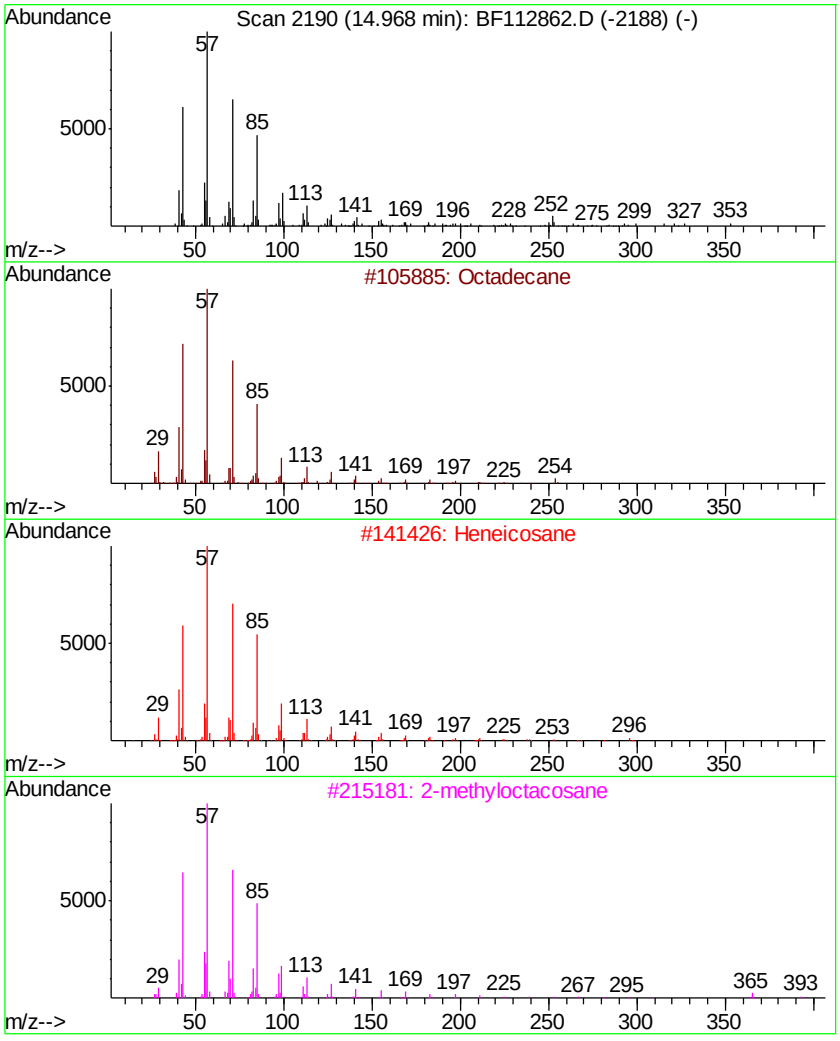
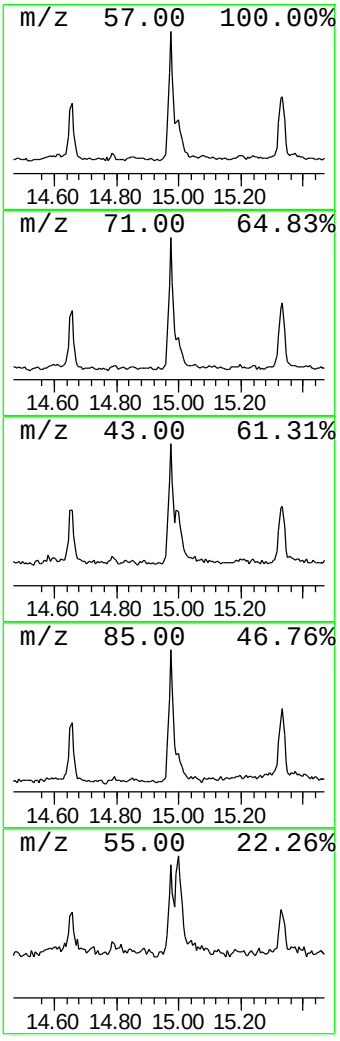
Peak Number 8 Octadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.97	4.00 ng	255694	Perylene-d12	15.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	89
2	Heneicosane	296	C21H44	000629-94-7	87
3	2-methyloctacosane	408	C29H60	1000376-72-8	83
4	Hexadecane	226	C16H34	000544-76-3	83
5	Hexacosane	366	C26H54	000630-01-3	83





Library Search Compound Report

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Data File : BF112862.D
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Instrument : BNA_F
ClientSampleId : EXT-028-SW009-022719

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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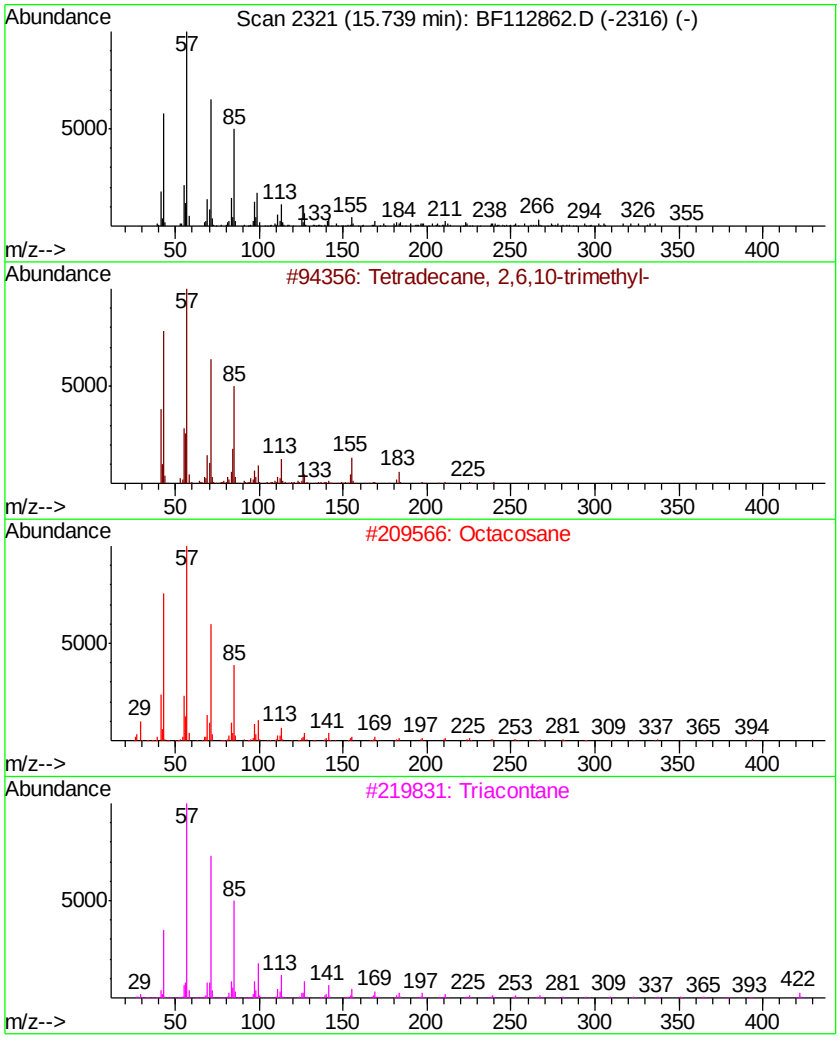
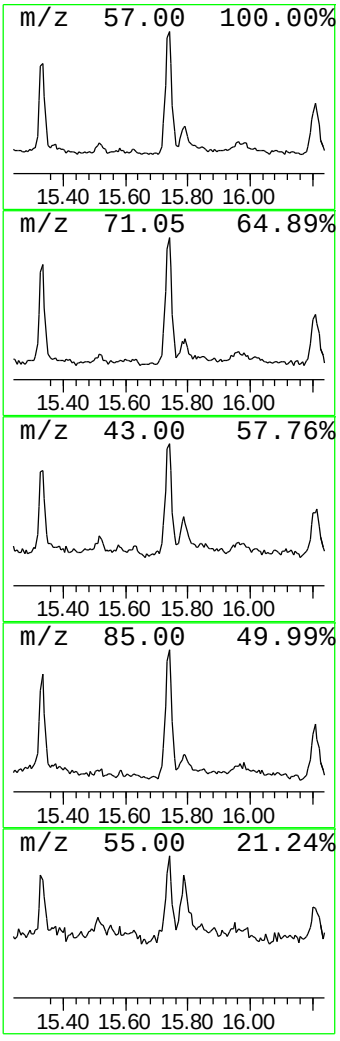
Peak Number 11 Tetradecane, 2,6,10-trimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.74	3.81 ng	243685	Perylene-d12	15.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	91
2	Octacosane	394	C28H58	000630-02-4	90
3	Triacontane	422	C30H62	000638-68-6	87
4	Pentacosane	352	C25H52	000629-99-2	87
5	Hentriacontane	437	C31H64	000630-04-6	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030519\
Data File : BF112862.D
Acq On : 5 Mar 2019 19:50
Operator : JU/SJ
Sample : K1705-07
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EXT-028-SW009-022719

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

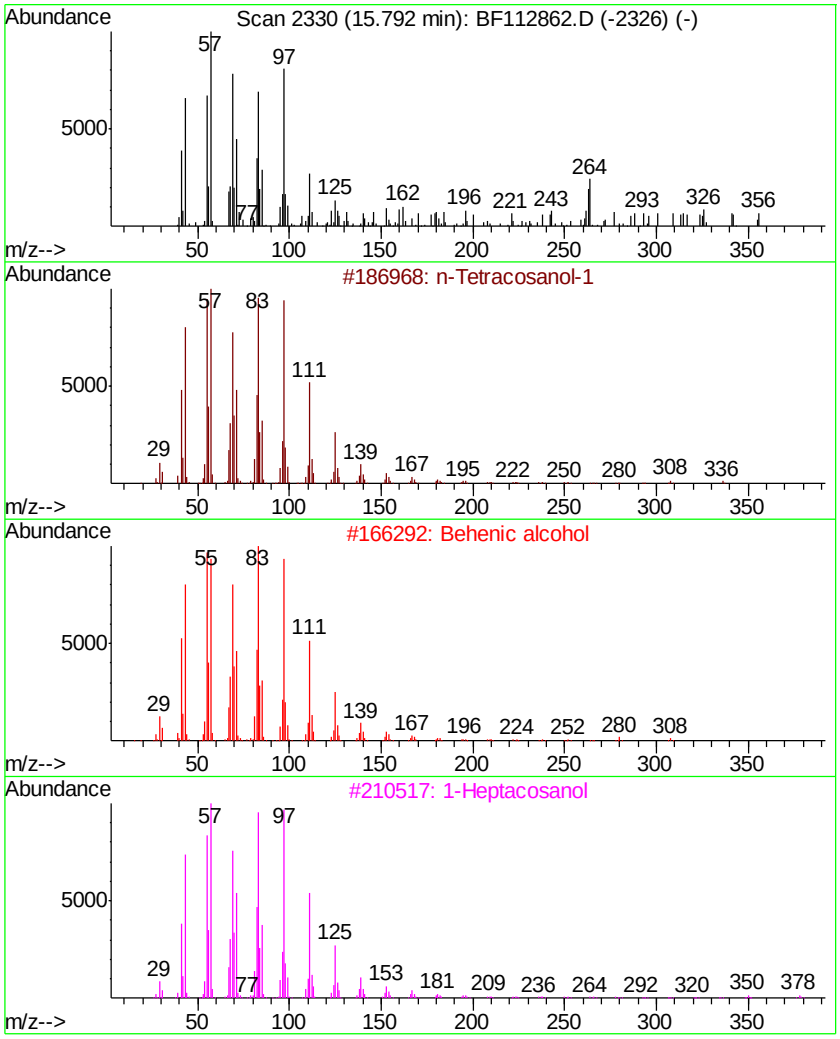
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

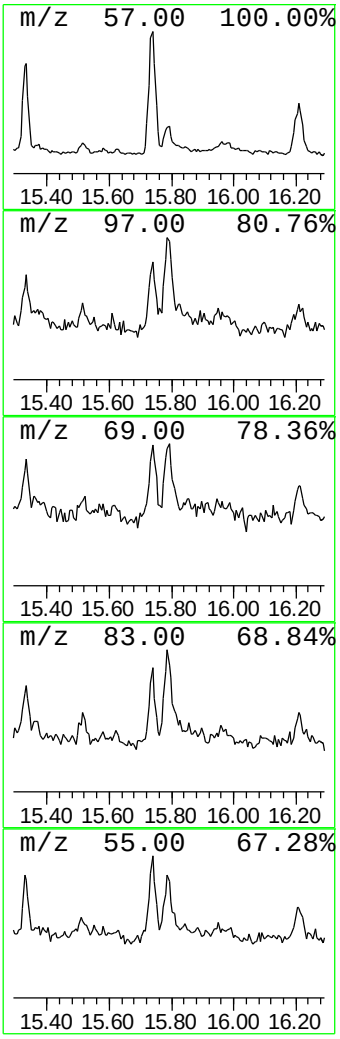
****

Peak Number 12 n-Tetracosanol-1 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.79	2.03 ng	129672	Perylene-d12	15.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Tetracosanol-1	354	C24H50O	000506-51-4	87
2	Behenic alcohol	326	C22H46O	000661-19-8	83
3	1-Heptacosanol	396	C27H56O	002004-39-9	58
4	Bromoacetic acid, octadecyl ester	390	C20H39BrO2	018992-03-5	53
5	Tetradecyl trifluoroacetate	310	C16H29F3O2	006222-02-2	46





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF030519\
Data File : BF112862.D
Acq On : 5 Mar 2019 19:50
Operator : JU/SJ
Sample : K1705-07
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EXT-028-SW009-022719

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
unknown6.51	6.51	90.1	ng	4592710	1	6.74	1019760	20.0
n-Hexadecanoic acid	11.79	10.7	ng	744311	4	11.25	1385500	20.0
Octadecanoic acid	12.57	4.5	ng	345633	5	13.87	1542200	20.0
5-Eicosene, (E)-	13.73	4.2	ng	320706	5	13.87	1542200	20.0
Oxalic acid, hexa...	14.36	3.7	ng	283428	5	13.87	1542200	20.0
Eicosane	14.66	2.3	ng	146932	6	15.28	1279520	20.0
Octadecane	14.97	4.0	ng	255694	6	15.28	1279520	20.0
Tetradecane, 2,6,...	15.74	3.8	ng	243685	6	15.28	1279520	20.0
n-Tetracosanol-1	15.79	2.0	ng	129672	6	15.28	1279520	20.0