LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062719\
Data File : BF115238.D
Acq On : 27 Jun 2019 16:07
Operator : HP/JU
Sample : K3528-06
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-08-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-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	4.431	419	424	429	rVB	129318	152763	2.89%	0.280%
2	5.196	549	554	557	rBV	4309267	4205131	79.46%	7.700%
3	6.237	726	731	734	rBV	4174680	4450113	84.09%	8.149%
4	6.266	734	736	748	rVB	118716	110060	2.08%	0.202%
5	6.366	748	753	756	rBV	4943730	4584685	86.63%	8.395%
6	6.595	789	792	796	rBV	1657357	1307703	24.71%	2.395%
7	6.754	815	819	822	rBV	4422217	3702450	69.96%	6.780%
8	7.160	882	888	891	rBV	2885002	2849572	53.84%	5.218%
9	7.878	1006	1010	1013	rBV	2084604	1665234	31.47%	3.049%
10	8.954	1189	1193	1196	rBV	5897799	5030159	95.05%	9.211%
11	9.348	1257	1260	1266	rVB	645626	503648	9.52%	0.922%
12	9.625	1303	1307	1310	rBV	2048889	1870140	35.34%	3.425%
13	9.654	1310	1312	1316	rVB	99716	78114	1.48%	0.143%
14	10.166	1395	1399	1405	rVB	94578	91384	1.73%	0.167%
15	10.401	1435	1439	1443	rBV	3313507	3161573	59.74%	5.789%
16	11.095	1553	1557	1559	rBV	2388243	2044165	38.63%	3.743%
17	11.119	1559	1561	1564	rVB	761024	597345	11.29%	1.094%
18	11.166	1564	1569	1573	rBV	242006	213019	4.03%	0.390%
19	11.595	1635	1642	1644	rBV	95036	106997	2.02%	0.196%
20	11.619	1644	1646	1648	rVV	106764	101822	1.92%	0.186%
21	11.642	1648	1650	1657	rVB3	298684	389037	7.35%	0.712%
22	11.701	1657	1660	1663	rBV	165999	149481	2.82%	0.274%
23	11.889	1689	1692	1693	rBV	68927	57212	1.08%	0.105%
24	12.295	1757	1761	1765	rBV	1256237	1044236	19.73%	1.912%
25	12.348	1765	1770	1775	rBV3	93493	167986	3.17%	0.308%
26	12.430	1779	1784	1794	rBV2	976819	1419340	26.82%	2.599%
27	12.519	1794	1799	1802	rVV	1074478	1014767	19.17%	1.858%
28	12.677	1822	1826	1829	rBV	5622703	5292305	100.00%	9.691%
29	12.848	1853	1855	1858	rVB	159414	137154	2.59%	0.251%
30	12.919	1864	1867	1869	rBV	149819	145519	2.75%	0.266%
31	12.954	1871	1873	1875	rVB	77281	63718	1.20%	0.117%
32	13.271	1925	1927	1930	rVB	62993	58292	1.10%	0.107%
33	13.460	1956	1959	1962	rBV2	95937	99318	1.88%	0.182%
34	13.489	1962	1964	1966	rBV	59481	56957	1.08%	0.104%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062719\
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Acq On : 27 Jun 2019 16:07
Operator : HP/JU
Sample : K3528-06
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-08-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-BF062119.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	13.601	1981	1983	1986	rBV2	71284	68245	1.29%	0.125%
36	13.660	1986	1993	1994	rVV3	115339	228442	4.32%	0.418%
37	13.713	1997	2002	2004	rVV2	2351645	2530307	47.81%	4.633%
38	13.736	2004	2006	2009	rVB	452284	362894	6.86%	0.665%
39	13.813	2017	2019	2022	rVB	107062	76306	1.44%	0.140%
40	13.918	2035	2037	2042	rVB2	113927	113831	2.15%	0.208%
41	14.218	2085	2088	2095	rBV3	206410	278543	5.26%	0.510%
42	14.513	2135	2138	2141	rBV	224215	222348	4.20%	0.407%
43	14.577	2146	2149	2153	rVB	458968	400762	7.57%	0.734%
44	14.701	2166	2170	2173	rBV	389203	540700	10.22%	0.990%
45	14.813	2186	2189	2192	rVB	273321	266010	5.03%	0.487%
46	14.960	2212	2214	2220	rVB	257298	300450	5.68%	0.550%
47	15.012	2220	2223	2228	rVB	281693	298121	5.63%	0.546%
48	15.071	2229	2233	2236	rBV	1375091	1462201	27.63%	2.678%
49	15.148	2243	2246	2249	rVB	170730	179328	3.39%	0.328%
50	15.524	2306	2310	2314	rBV	236689	359477	6.79%	0.658%

Sum of corrected areas: 54609364

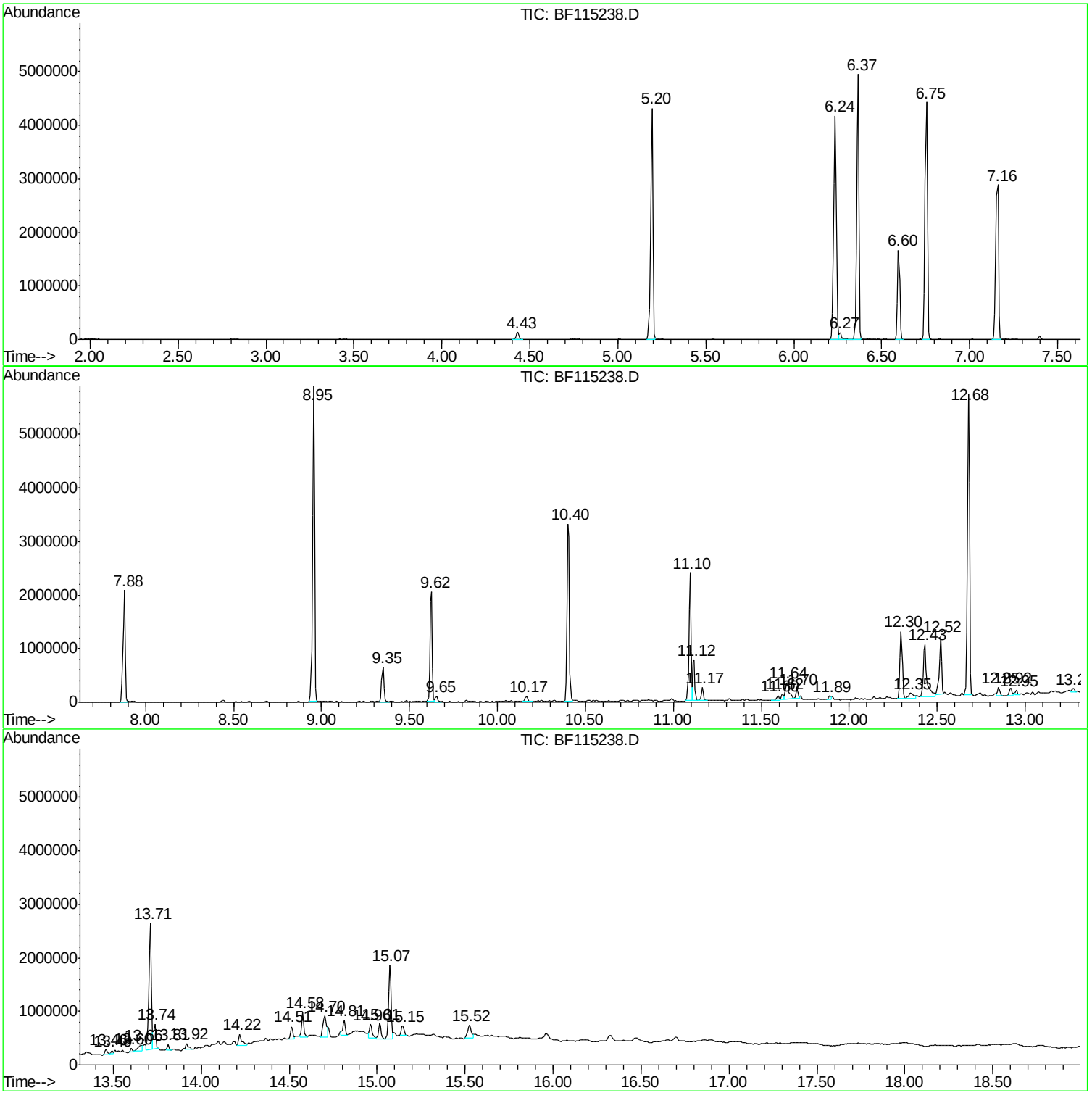
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062719\
Data File : BF115238.D
Acq On : 27 Jun 2019 16:07
Operator : HP/JU
Sample : K3528-06
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-08-COMP

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062719\
Data File : BF115238.D
Acq On : 27 Jun 2019 16:07
Operator : HP/JU
Sample : K3528-06
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-08-COMP

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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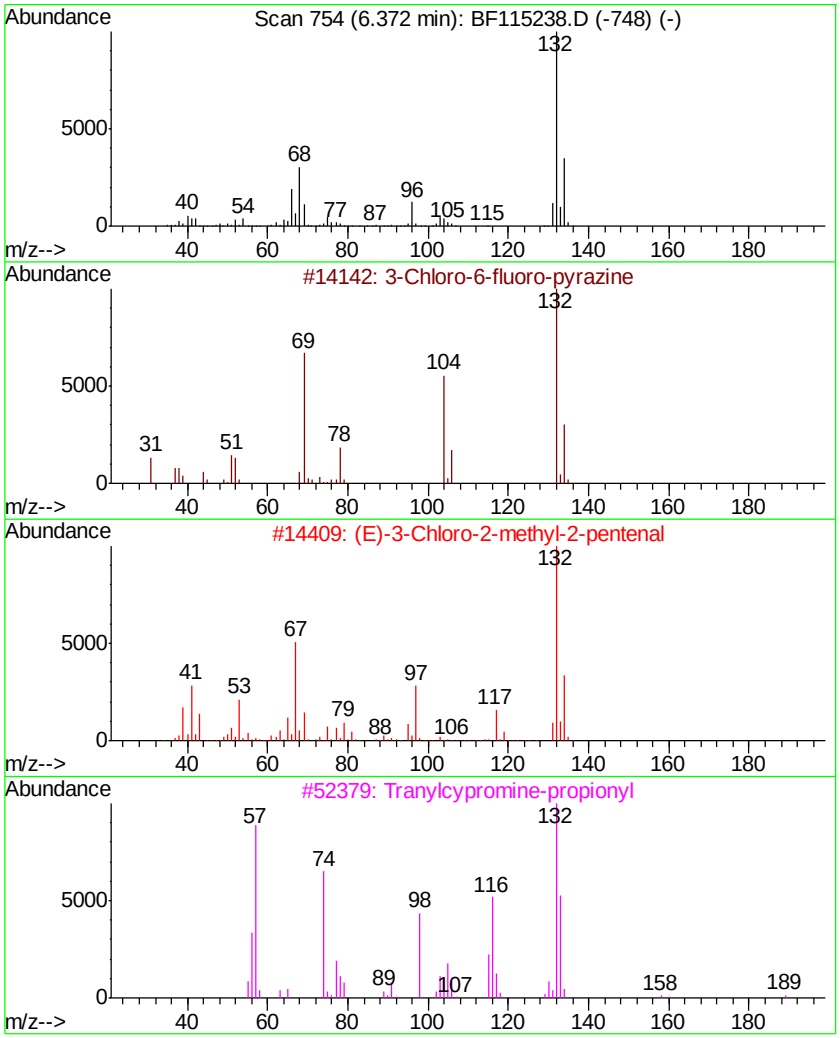
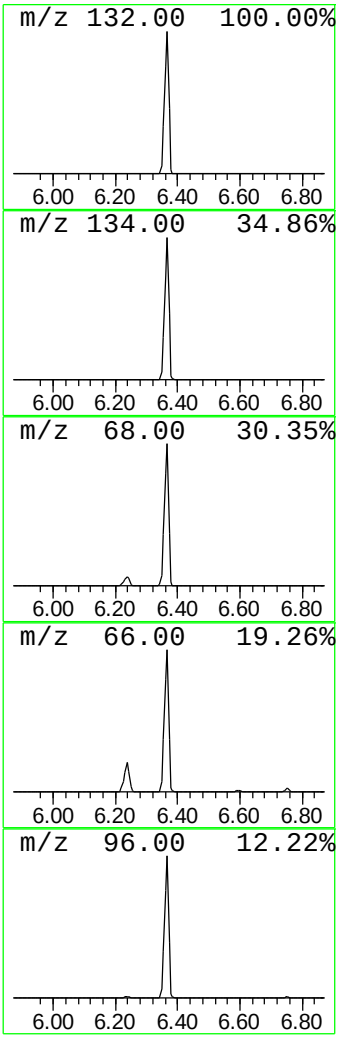
Peak Number 2 unknown6.37 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.37	70.12 ng	4584690	1,4-Dichlorobenzene-d4	6.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	25
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	25
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	16
4	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9
5	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062719\
Data File : BF115238.D
Acq On : 27 Jun 2019 16:07
Operator : HP/JU
Sample : K3528-06
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-08-COMP

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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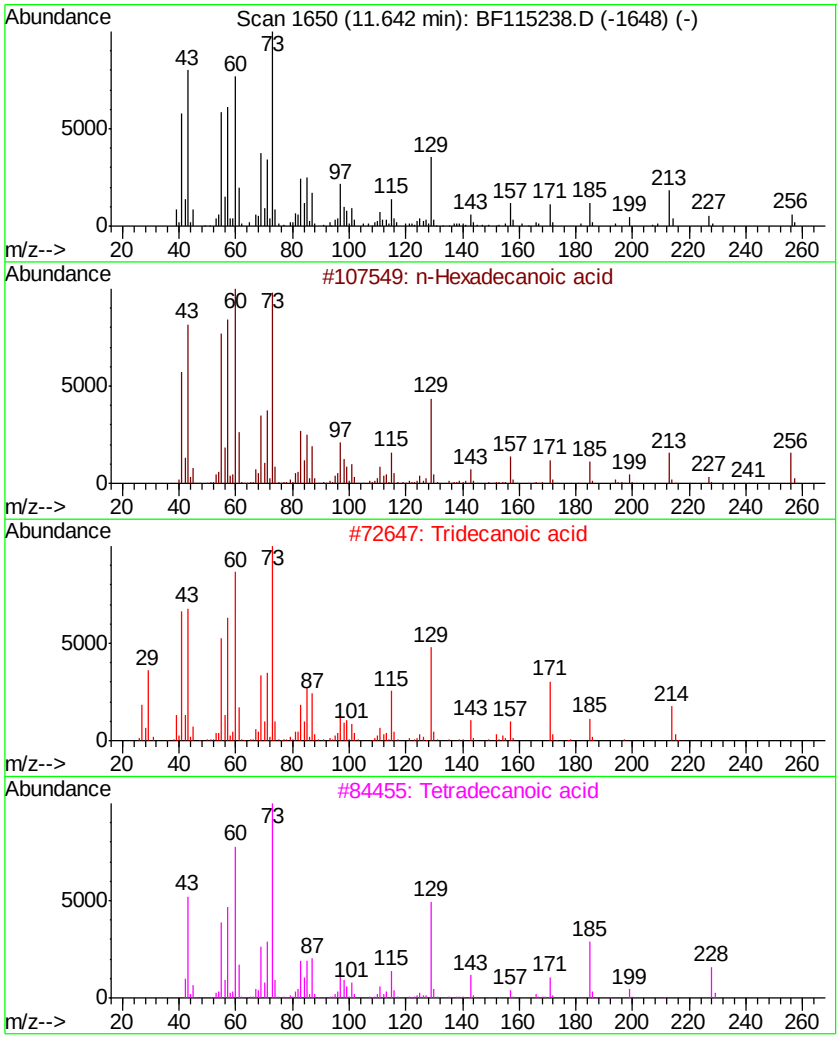
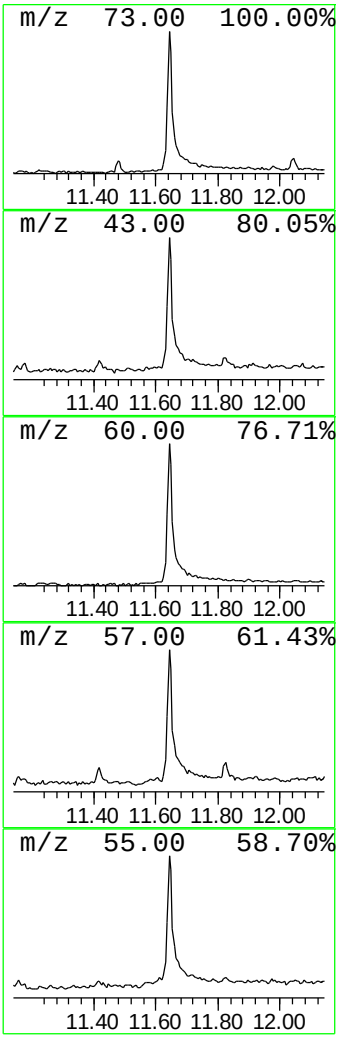
Peak Number 4 n-Hexadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.64	3.81 ng	389037	Phenanthrene-d10	11.10

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	94
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	90
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
5	Dodecanoic acid	200	C12H24O2	000143-07-7	64





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062719\
Data File : BF115238.D
Acq On : 27 Jun 2019 16:07
Operator : HP/JU
Sample : K3528-06
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-08-COMP

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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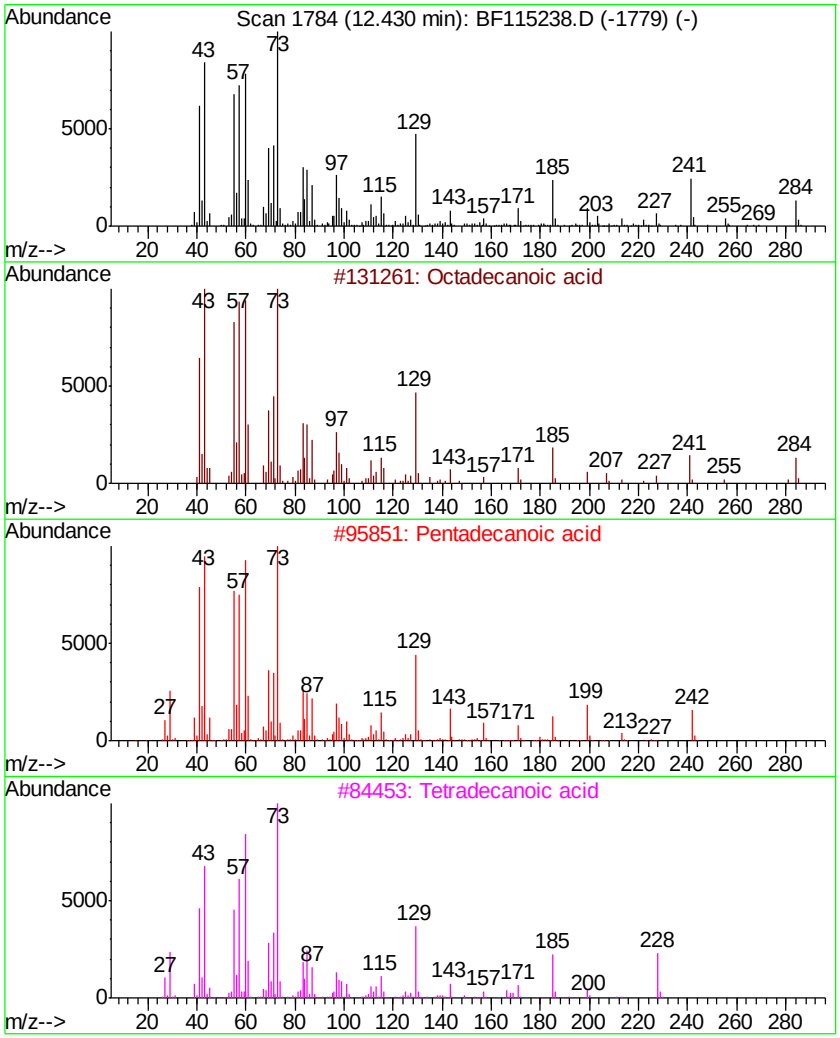
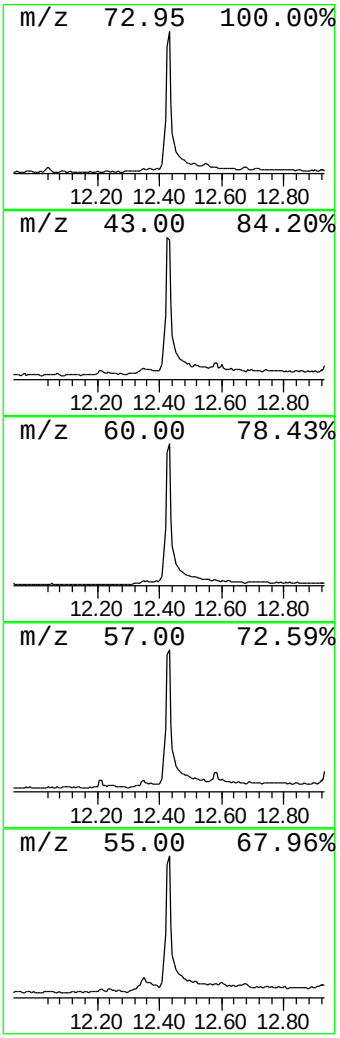
Peak Number 5 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.43	11.22 ng	1419340	Chrysene-d12	13.71

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	93
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	83
4	n-Decanoic acid	172	C10H20O2	000334-48-5	70
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	52





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062719\
Data File : BF115238.D
Acq On : 27 Jun 2019 16:07
Operator : HP/JU
Sample : K3528-06
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-08-COMP

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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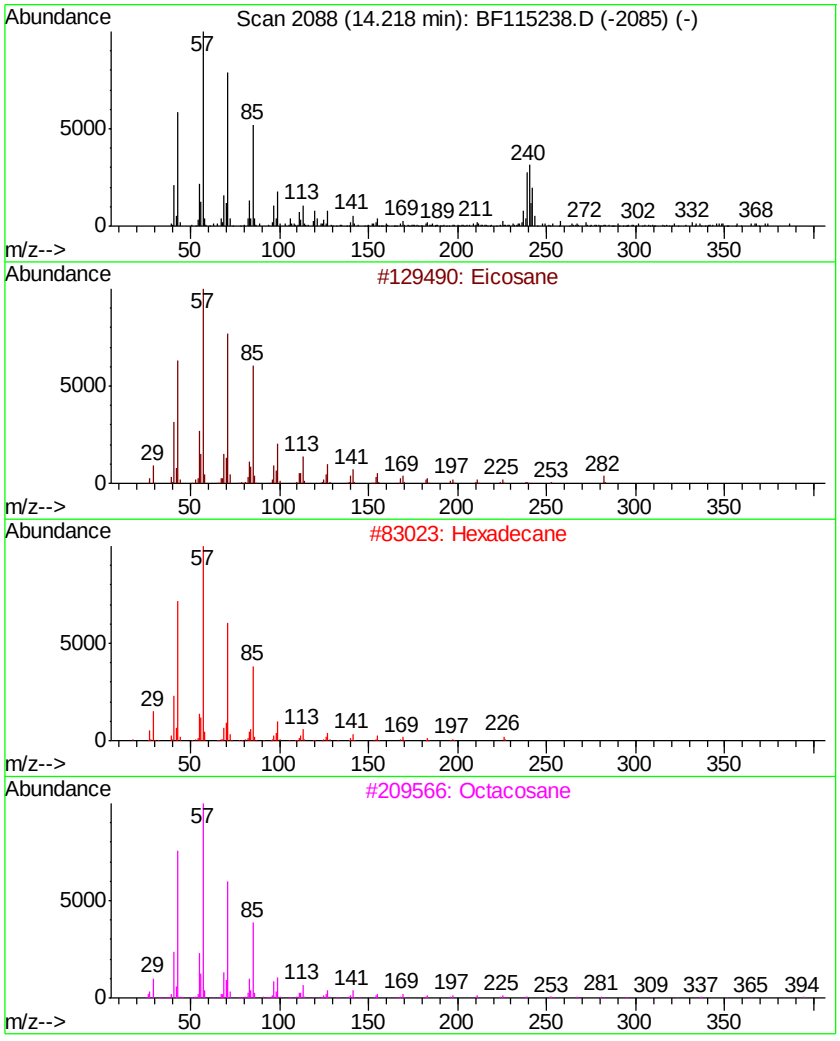
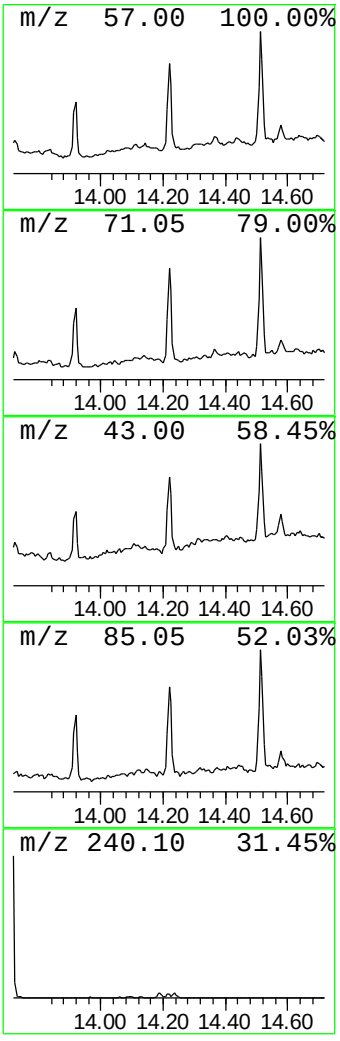
Peak Number 6 Eicosane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.22	2.20 ng	278543	Chrysene-d12	13.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	78
2	Hexadecane	226	C16H34	000544-76-3	60
3	Octacosane	394	C28H58	000630-02-4	60
4	Triacontane	422	C30H62	000638-68-6	60
5	Octadecane, 3-methyl-	268	C19H40	006561-44-0	58





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062719\
Data File : BF115238.D
Acq On : 27 Jun 2019 16:07
Operator : HP/JU
Sample : K3528-06
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-08-COMP

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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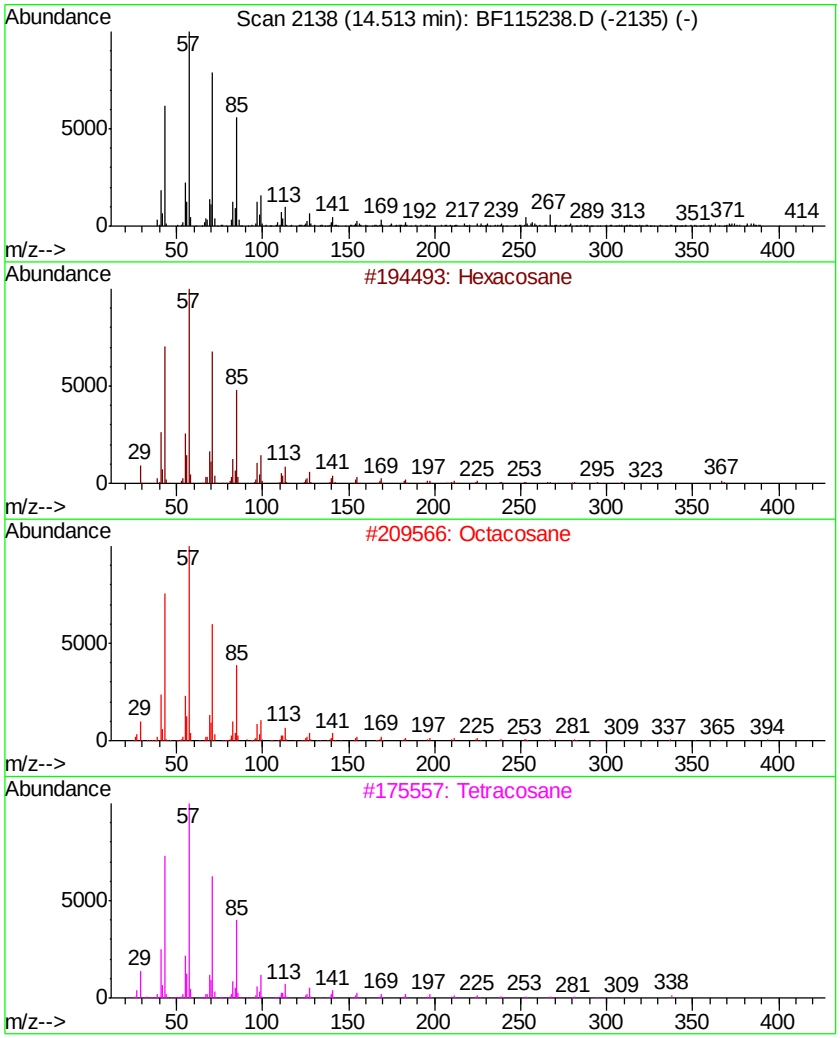
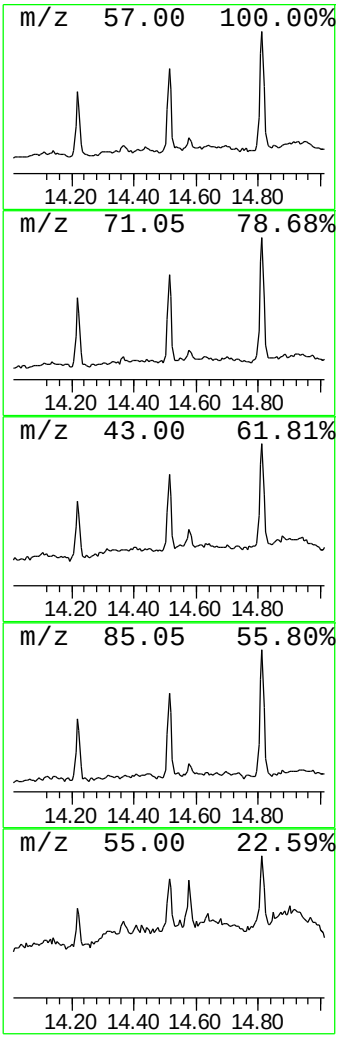
Peak Number 7 Hexacosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.51	3.04 ng	222348	Perylene-d12	15.07

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	Tetracosane	338	C24H50	000646-31-1	91
4	Hexadecane, 7,9-dimethyl-	254	C18H38	021164-95-4	89
5	Hexadecane	226	C16H34	000544-76-3	87





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Data File : BF115238.D
Acq On : 27 Jun 2019 16:07
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Sample : K3528-06
Misc :
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Instrument : BNA_F
ClientSampleId : SB-08-COMP

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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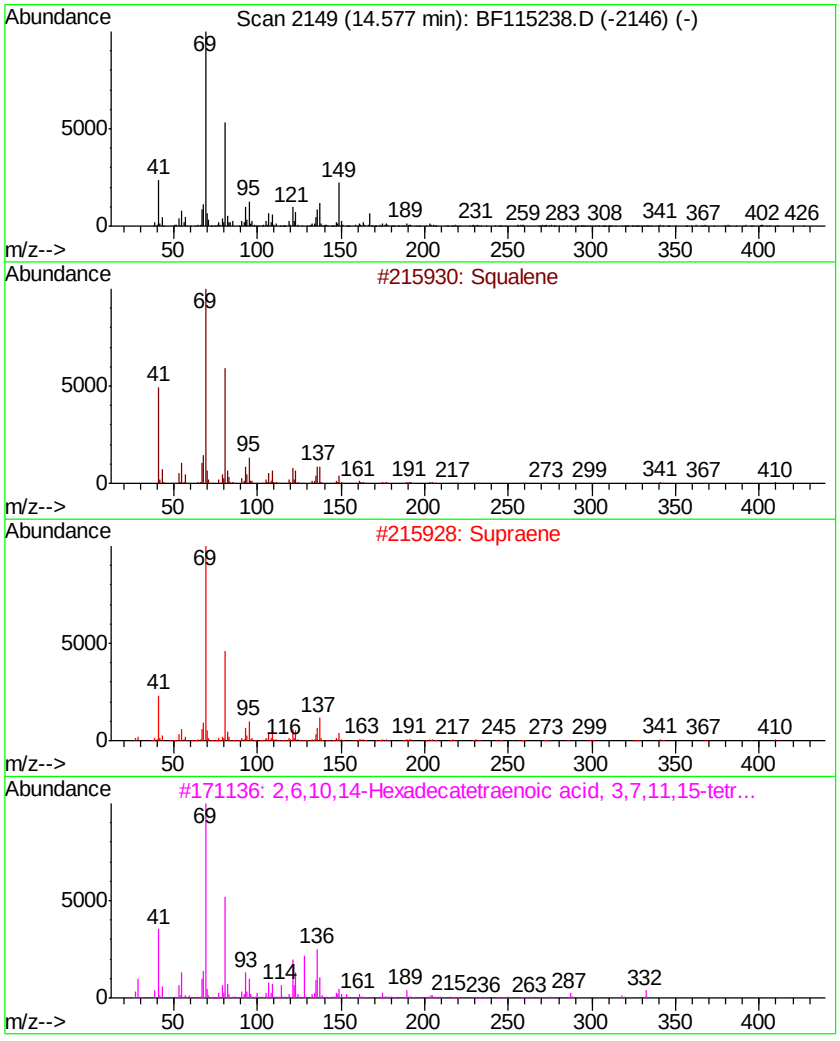
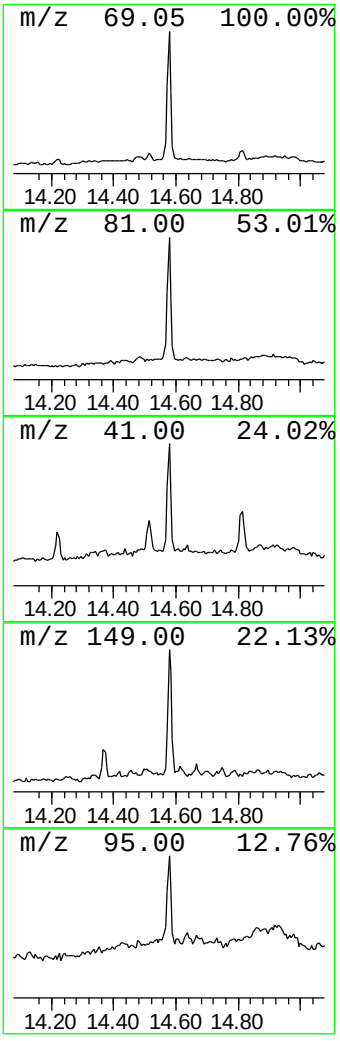
Peak Number 8 Squalene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.58	5.48 ng	400762	Perylene-d12	15.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Squalene	410	C30H50	000111-02-4	99
2	Supraene	410	C30H50	007683-64-9	98
3	2,6,10,14-Hexadecatetraenoic aci...	332	C22H36O2	024035-35-6	70
4	7,11-Dimethyldodeca-2,6,10-trien...	208	C14H24O	125529-10-4	53
5	4-Oxo-.beta.-damascone	206	C13H18O2	053398-08-6	50





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Data File : BF115238.D
Acq On : 27 Jun 2019 16:07
Operator : HP/JU
Sample : K3528-06
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-08-COMP

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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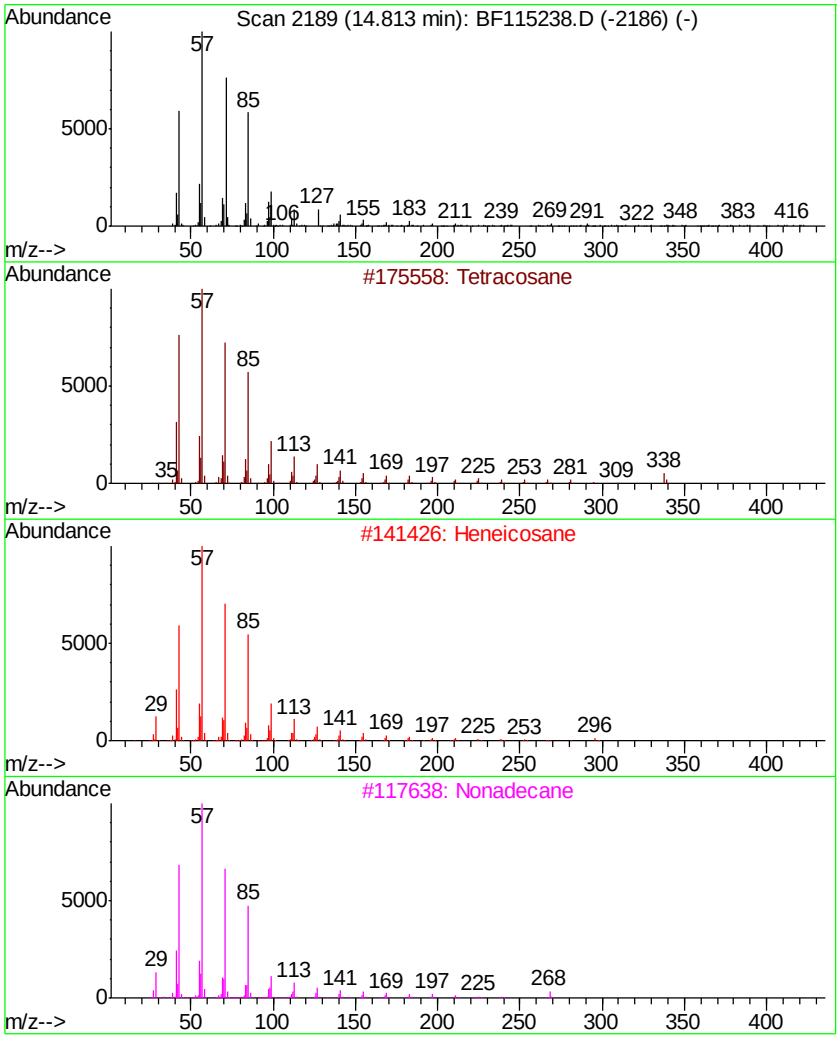
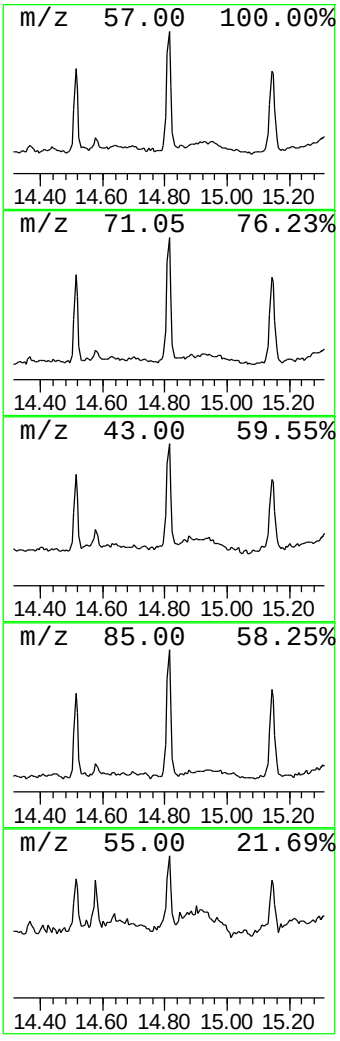
Peak Number 9 Tetracosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.81	3.64 ng	266010	Perylene-d12	15.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	94
2	Heneicosane	296	C21H44	000629-94-7	90
3	Nonadecane	268	C19H40	000629-92-5	87
4	Eicosane	282	C20H42	000112-95-8	86
5	Hexadecane, 2-methyl-	240	C17H36	001560-92-5	83





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062719\
Data File : BF115238.D
Acq On : 27 Jun 2019 16:07
Operator : HP/JU
Sample : K3528-06
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-08-COMP

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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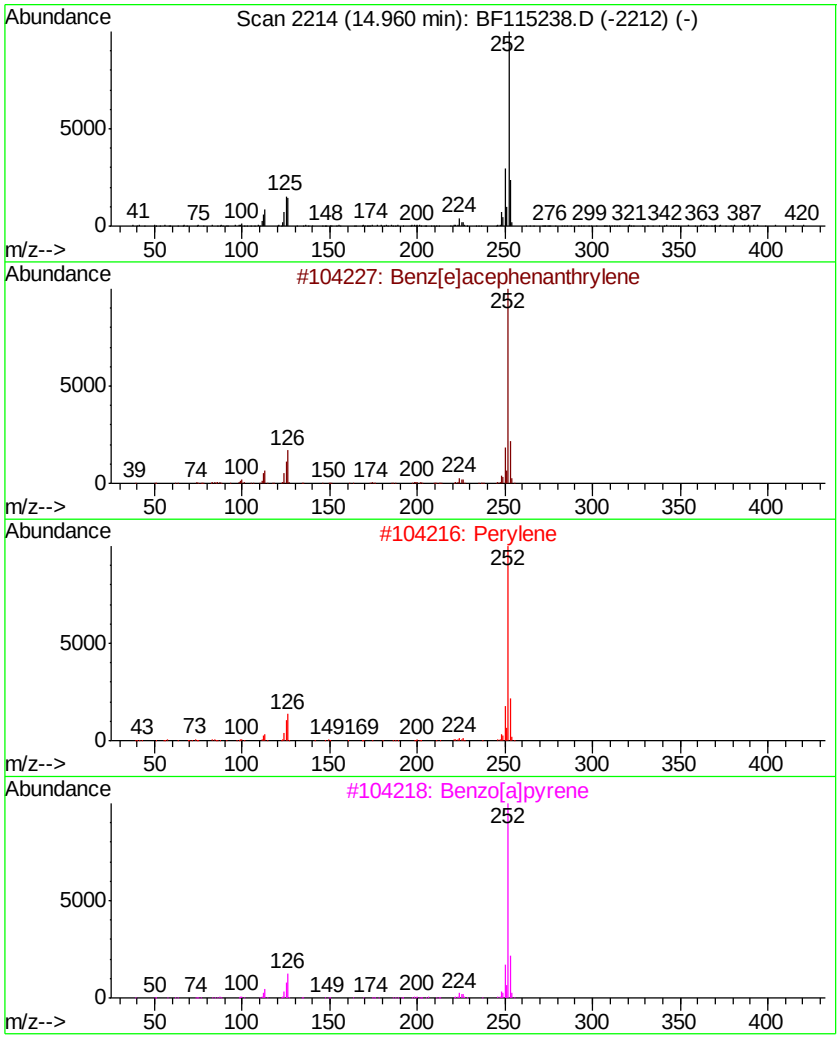
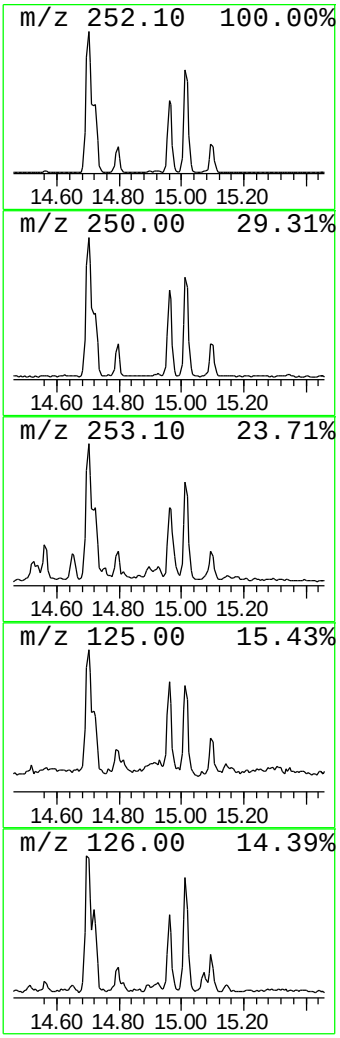
Peak Number 10 Benzo[e]pyrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.96	4.11 ng	300450	Perylene-d12	15.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	98
2	Perylene	252	C20H12	000198-55-0	97
3	Benzo[a]pyrene	252	C20H12	000050-32-8	96
4	Benzo[e]pyrene	252	C20H12	000192-97-2	95
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	90





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Data File : BF115238.D
Acq On : 27 Jun 2019 16:07
Operator : HP/JU
Sample : K3528-06
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-08-COMP

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

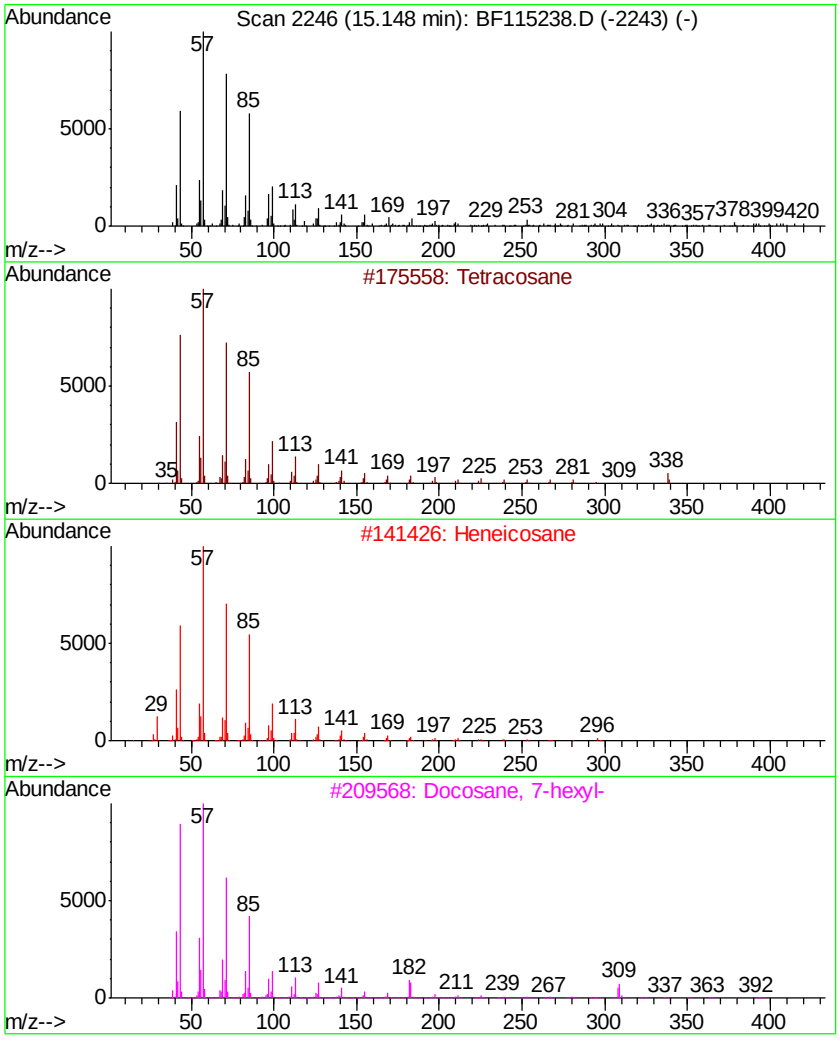
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

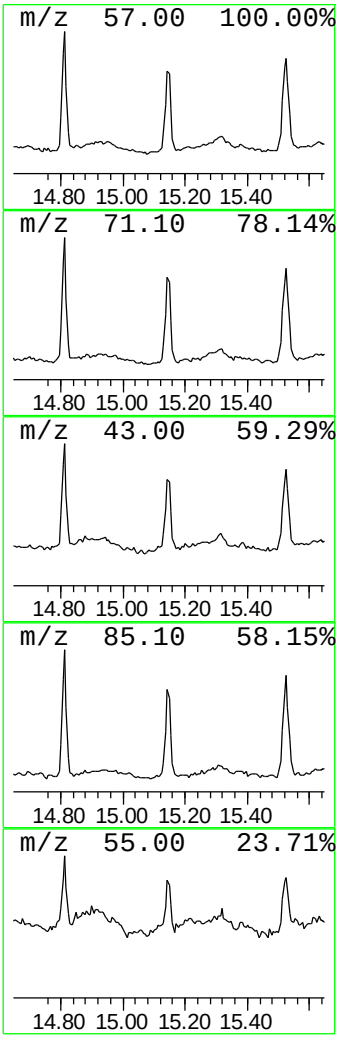
****

Peak Number 11 Docosane, 7-hexyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.15	2.45 ng	179328	Perylene-d12	15.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	96
2	Heneicosane	296	C21H44	000629-94-7	96
3	Docosane, 7-hexyl-	394	C28H58	055373-86-9	90
4	2-methyloctacosane	408	C29H60	1000376-72-8	87
5	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	83





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062719\
Data File : BF115238.D
Acq On : 27 Jun 2019 16:07
Operator : HP/JU
Sample : K3528-06
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-08-COMP

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

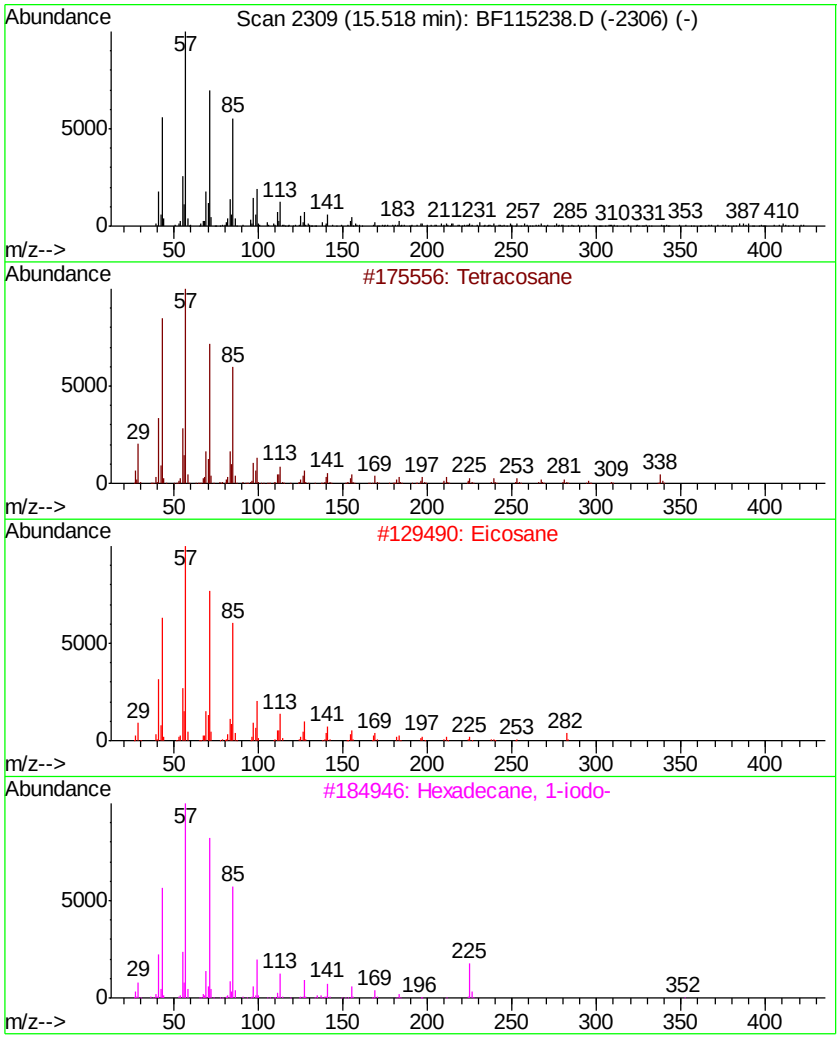
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

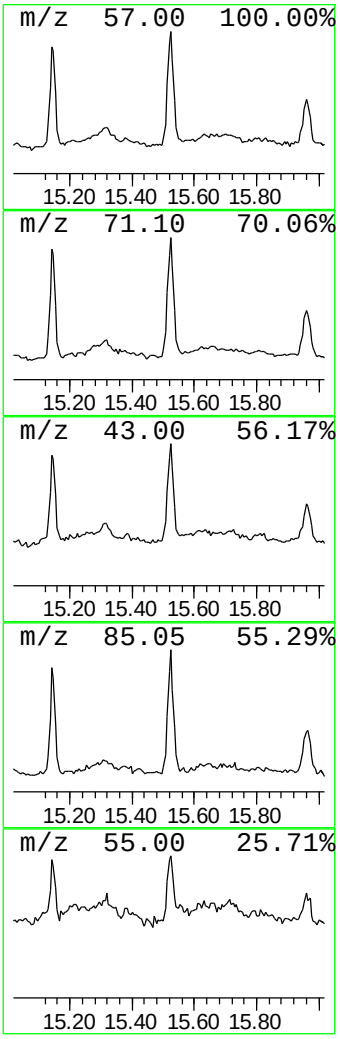
****

Peak Number 12 Hexadecane, 1-iodo- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.52	4.92 ng	359477	Perylene-d12	15.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	97
2	Eicosane	282	C20H42	000112-95-8	97
3	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	96
4	Heneicosane, 11-pentyl-	366	C26H54	014739-72-1	91
5	Heneicosane	296	C21H44	000629-94-7	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF062719\
Data File : BF115238.D
Acq On : 27 Jun 2019 16:07
Operator : HP/JU
Sample : K3528-06
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-08-COMP

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
unknown6.37	6.37	70.1	ng	4584690	1	6.60	1307700	20.0
n-Hexadecanoic acid	11.64	3.8	ng	389037	4	11.10	2044170	20.0
Octadecanoic acid	12.43	11.2	ng	1419340	5	13.71	2530310	20.0
Eicosane	14.22	2.2	ng	278543	5	13.71	2530310	20.0
Hexacosane	14.51	3.0	ng	222348	6	15.07	1462200	20.0
Squalene	14.58	5.5	ng	400762	6	15.07	1462200	20.0
Tetracosane	14.81	3.6	ng	266010	6	15.07	1462200	20.0
Benzo[e]pyrene	14.96	4.1	ng	300450	6	15.07	1462200	20.0
Docosane, 7-hexyl-	15.15	2.5	ng	179328	6	15.07	1462200	20.0
Hexadecane, 1-iodo-	15.52	4.9	ng	359477	6	15.07	1462200	20.0