LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062419\
Data File : BF115169.D
Acq On : 25 Jun 2019 1:14
Operator : HP/JU
Sample : K3500-07
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B-7(9-10)

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	4.454	424	428	433	rVB	113569	130859	2.29%	0.252%
2	5.207	551	556	559	rBV	3972766	4125412	72.25%	7.931%
3	6.248	727	733	736	rBV	4375692	4277284	74.91%	8.223%
4	6.278	736	738	745	rVB	90919	82924	1.45%	0.159%
5	6.378	750	755	758	rBV	4799977	4487251	78.59%	8.627%
6	6.613	791	795	798	rBV	1869262	1585530	27.77%	3.048%
7	6.766	817	821	824	rBV	4120686	3525372	61.74%	6.778%
8	7.172	885	890	893	rBV	2979438	2779323	48.67%	5.343%
9	7.889	1008	1012	1015	rBV	2631728	2065616	36.18%	3.971%
10	8.966	1191	1195	1198	rBV	5615496	5039211	88.25%	9.688%
11	9.360	1258	1262	1270	rBV	464243	395439	6.93%	0.760%
12	9.636	1305	1309	1313	rBV	2741206	2377293	41.63%	4.570%
13	10.413	1437	1441	1458	rBV	3380239	3262148	57.13%	6.272%
14	11.107	1555	1559	1561	rBV	3238836	2619162	45.87%	5.036%
15	11.124	1561	1562	1566	rVB	168488	133011	2.33%	0.256%
16	11.654	1650	1652	1659	rVV3	169552	206767	3.62%	0.398%
17	11.713	1659	1662	1665	rBV	86791	84260	1.48%	0.162%
18	12.154	1734	1737	1740	rBV	74168	76025	1.33%	0.146%
19	12.307	1760	1763	1770	rBV	311373	267701	4.69%	0.515%
20	12.436	1782	1785	1793	rBV5	95891	169149	2.96%	0.325%
21	12.530	1797	1801	1804	rVV	444477	410659	7.19%	0.790%
22	12.689	1824	1828	1832	rBV	5532399	5710037	100.00%	10.978%
23	12.860	1855	1857	1862	rVB	62844	59949	1.05%	0.115%
24	12.966	1872	1875	1877	rVB	56894	60872	1.07%	0.117%
25	13.613	1982	1985	1997	rBV	309101	510991	8.95%	0.982%
26	13.724	1999	2004	2007	rBV	2699431	2606109	45.64%	5.010%
27	13.748	2007	2008	2010	rVB	188967	96698	1.69%	0.186%
28	13.930	2036	2039	2045	rBV	139080	131000	2.29%	0.252%
29	14.236	2087	2091	2093	rBV	198062	205662	3.60%	0.395%
30	14.383	2113	2116	2118	rBV2	69839	63132	1.11%	0.121%
31	14.524	2137	2140	2144	rBV	323025	312292	5.47%	0.600%
32	14.712	2169	2172	2181	rVB	114714	203785	3.57%	0.392%
33	14.830	2188	2192	2196	rVB	372564	422377	7.40%	0.812%
34	14.977	2214	2217	2222	rVB	72493	84584	1.48%	0.163%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062419\
Data File : BF115169.D
Acq On : 25 Jun 2019 1:14
Operator : HP/JU
Sample : K3500-07
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B-7(9-10)

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	15.030	2222	2226	2230	rVV	103728	131034	2.29%	0.252%
36	15.089	2231	2236	2244	rVV	1698337	1957865	34.29%	3.764%
37	15.165	2245	2249	2255	rVB	411377	509000	8.91%	0.979%
38	15.548	2309	2314	2319	rBV	274099	407626	7.14%	0.784%
39	15.983	2384	2388	2398	rVB2	154191	265306	4.65%	0.510%
40	16.342	2446	2449	2458	rVB2	35748	69058	1.21%	0.133%
41	16.501	2471	2476	2481	rBV3	61009	106104	1.86%	0.204%

Sum of corrected areas: 52013877

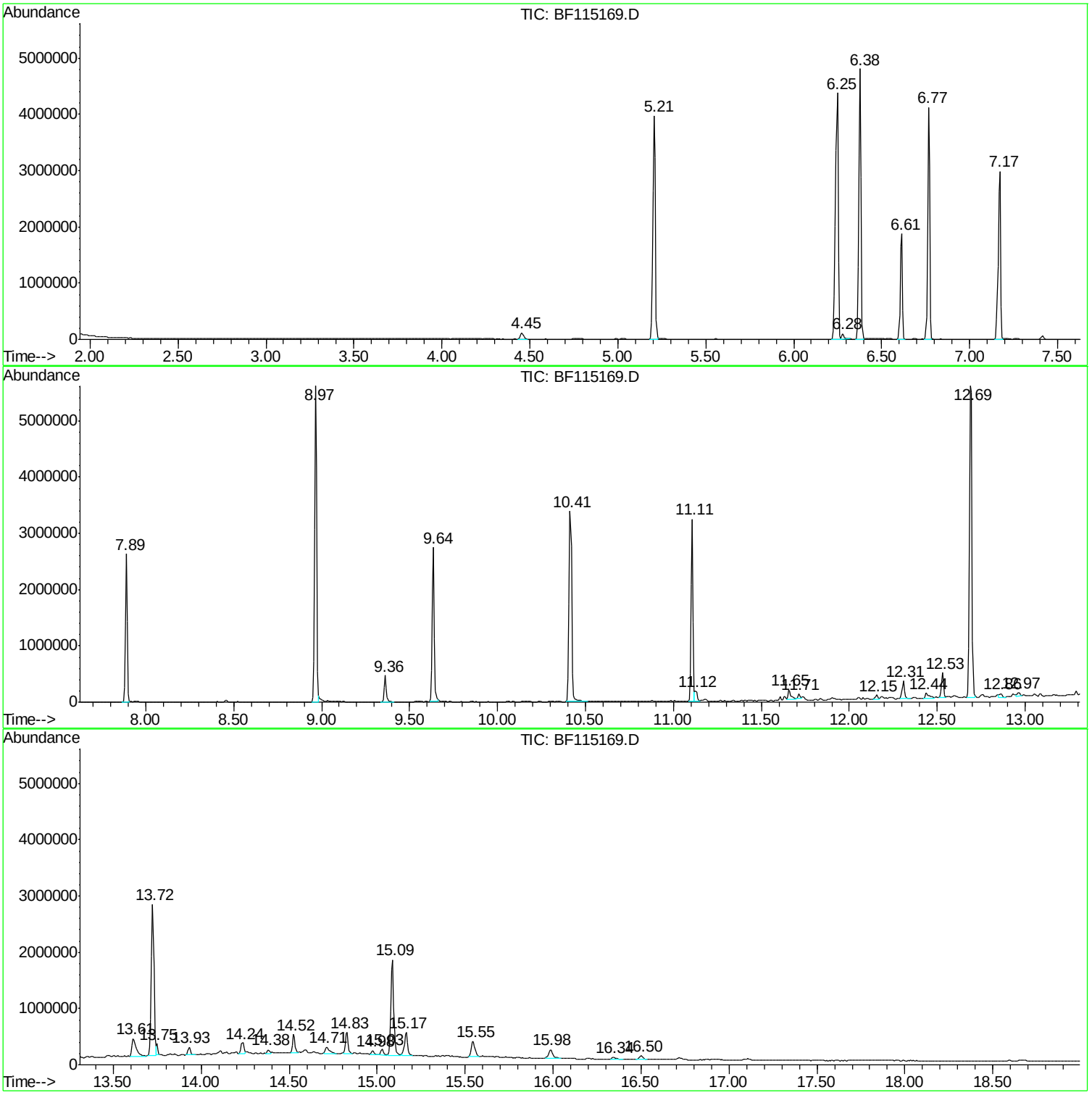
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062419\
Data File : BF115169.D
Acq On : 25 Jun 2019 1:14
Operator : HP/JU
Sample : K3500-07
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B-7(9-10)

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 : BF115169.D
Acq On : 25 Jun 2019 1:14
Operator : HP/JU
Sample : K3500-07
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B-7(9-10)

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

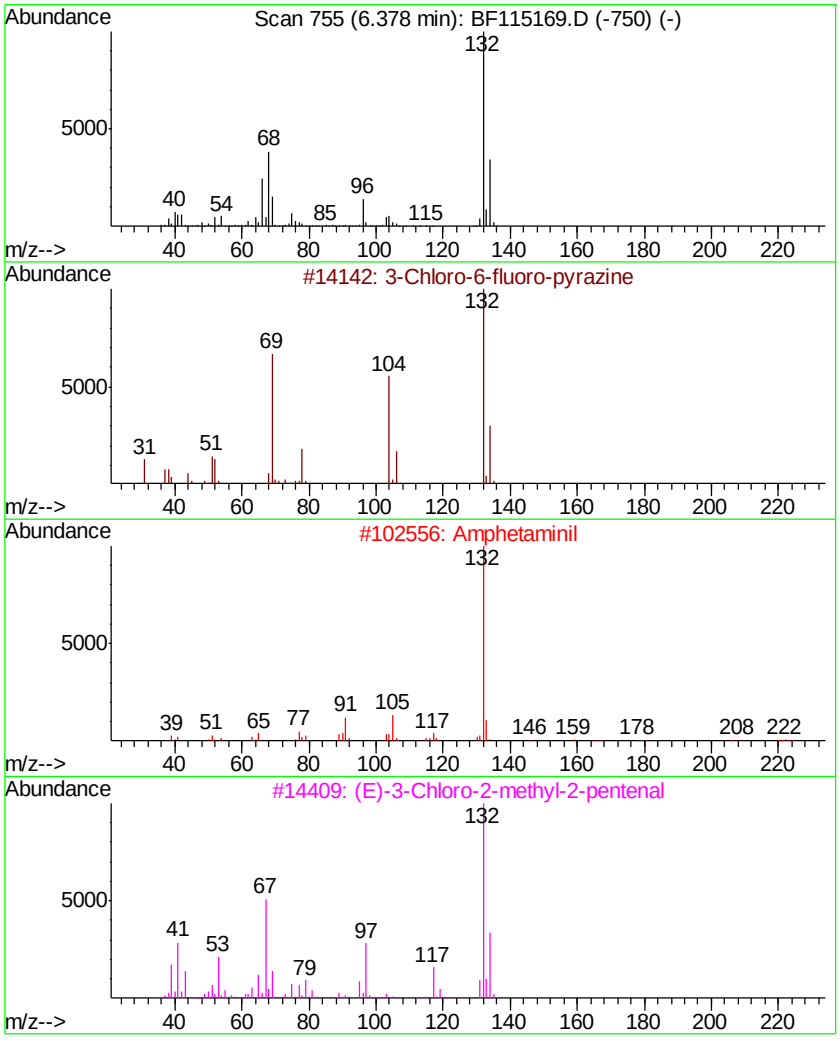
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

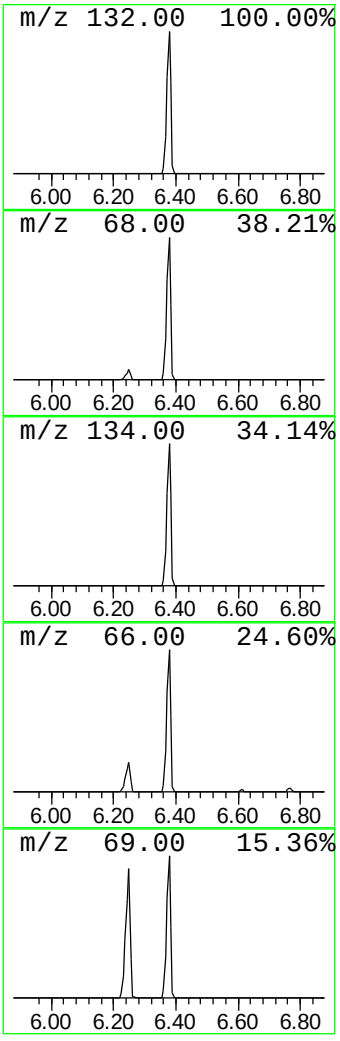
****

Peak Number 1 unknown6.38 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.38	56.60 ng	4487250	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	Amphetaminil	250	C17H18N2	017590-01-1	12
3	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	12
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
5	5-Aminoindole	132	C8H8N2	005192-03-0	12





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062419\
Data File : BF115169.D
Acq On : 25 Jun 2019 1:14
Operator : HP/JU
Sample : K3500-07
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B-7(9-10)

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

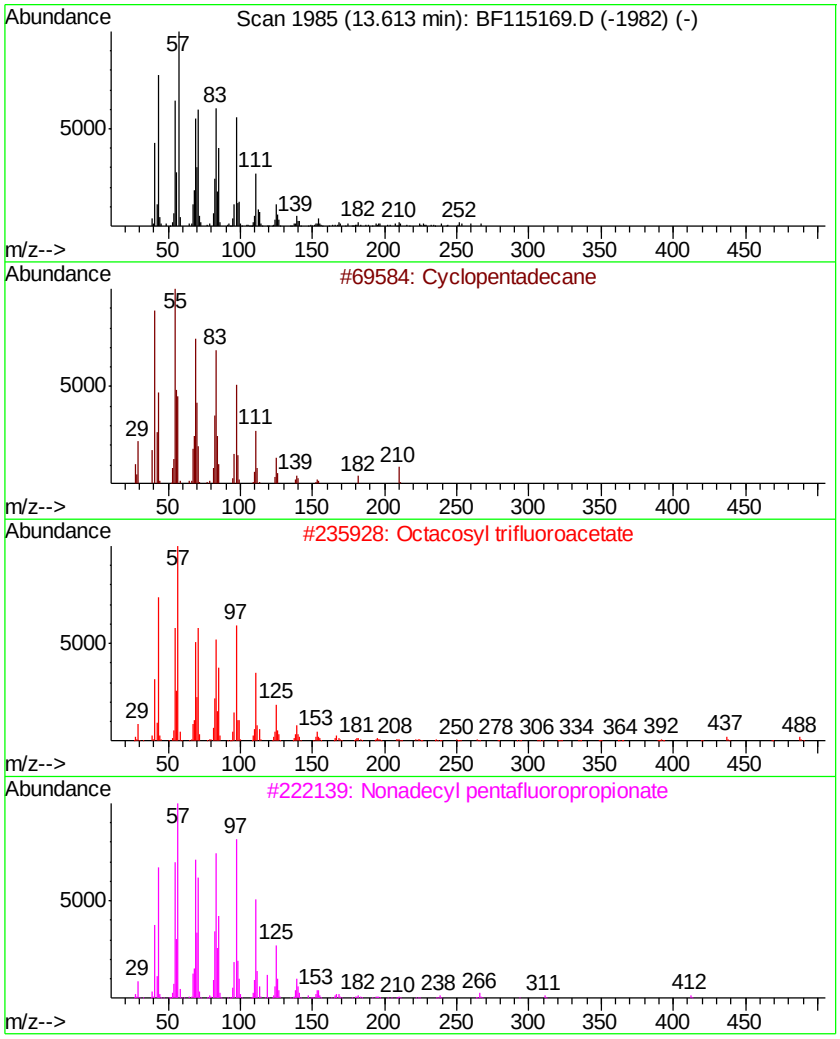
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

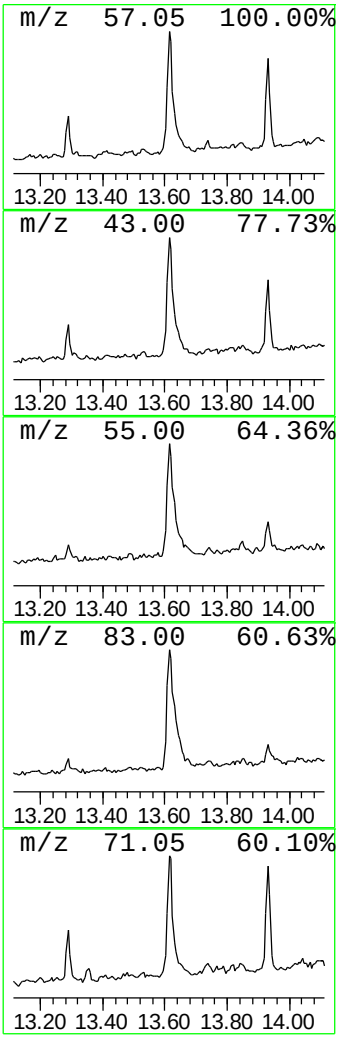
****

Peak Number 3 Cyclopentadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.61	3.92 ng	510991	Chrysene-d12	13.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentadecane	210	C15H30	000295-48-7	95
2	Octacosyl trifluoroacetate	506	C30H57F3O2	1000351-74-9	91
3	Nonadecyl pentafluoropropionate	430	C22H39F5O2	1000351-88-8	91
4	Oxalic acid, isobutyl pentadecyl...	356	C21H40O4	1000309-38-0	91
5	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	90





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062419\
Data File : BF115169.D
Acq On : 25 Jun 2019 1:14
Operator : HP/JU
Sample : K3500-07
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B-7(9-10)

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

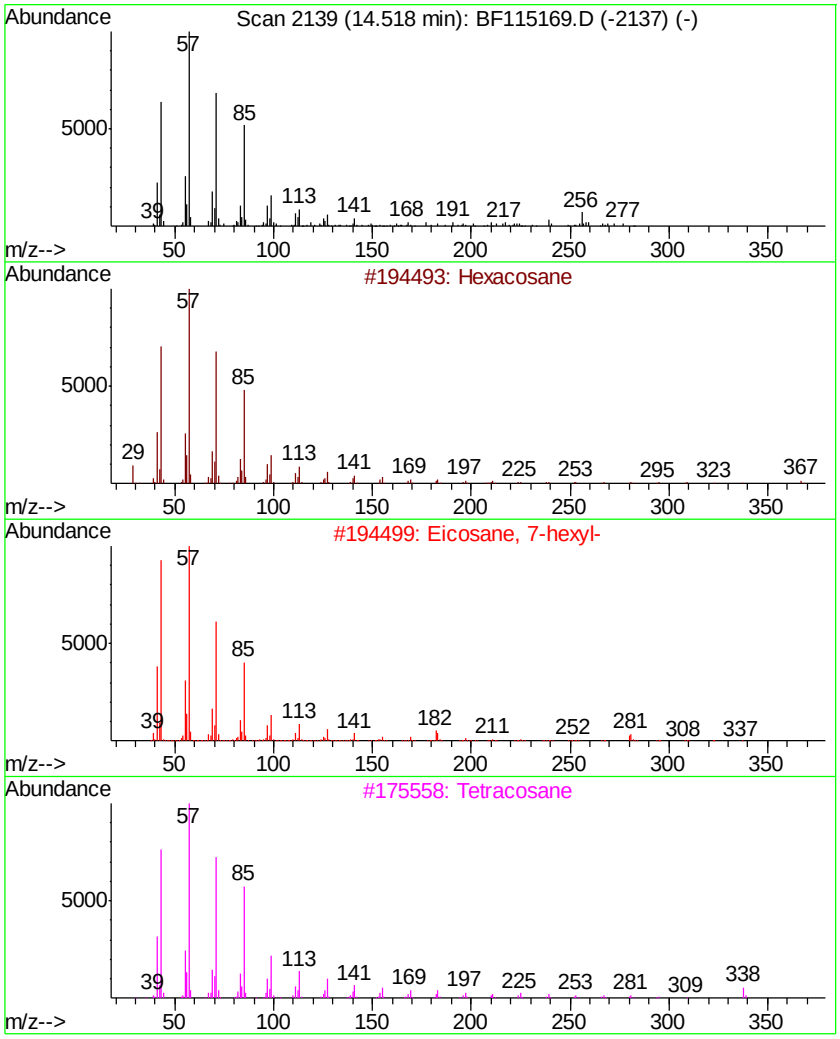
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

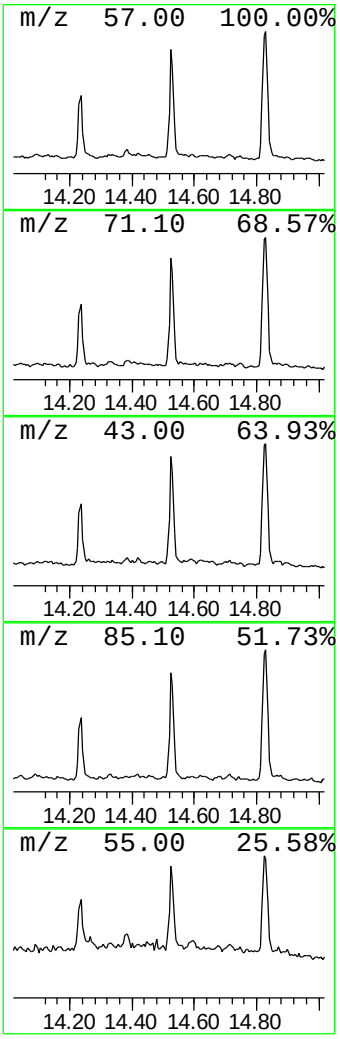
****

Peak Number 4 Hexacosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.52	3.19 ng	312292	Perylene-d12	15.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	91
2	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	91
3	Tetracosane	338	C24H50	000646-31-1	91
4	Hexadecane	226	C16H34	000544-76-3	90
5	Nonadecane	268	C19H40	000629-92-5	90





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062419\
Data File : BF115169.D
Acq On : 25 Jun 2019 1:14
Operator : HP/JU
Sample : K3500-07
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B-7(9-10)

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

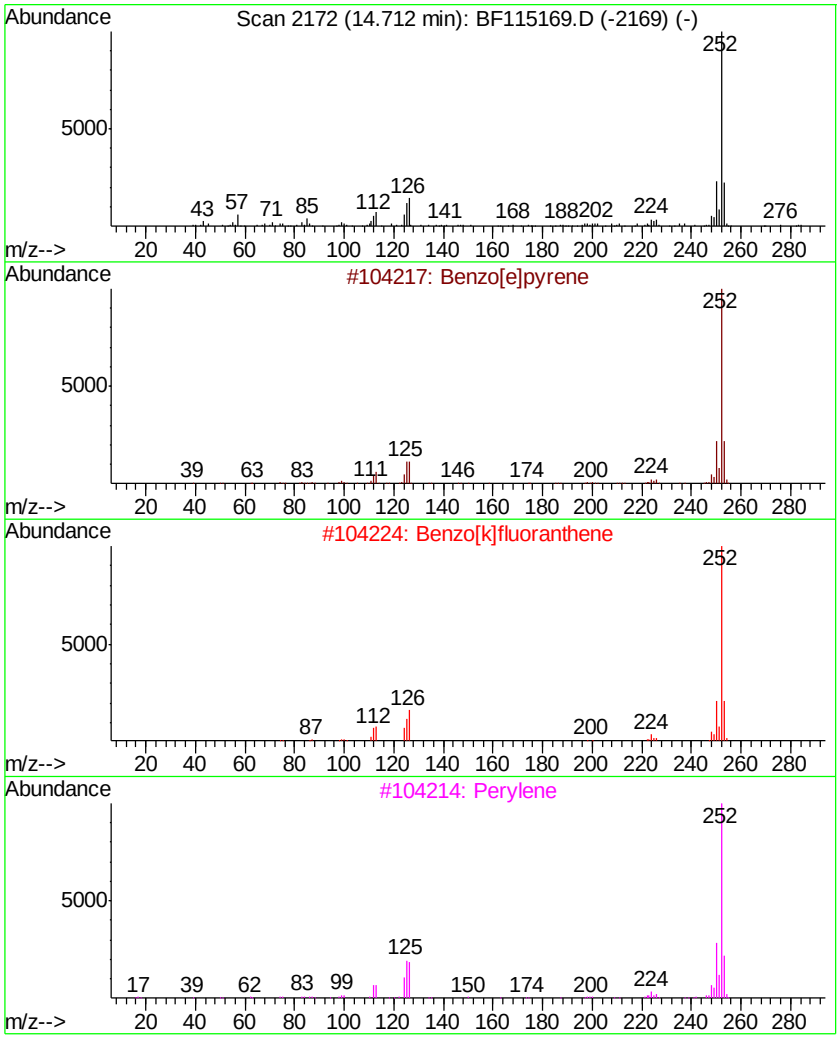
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

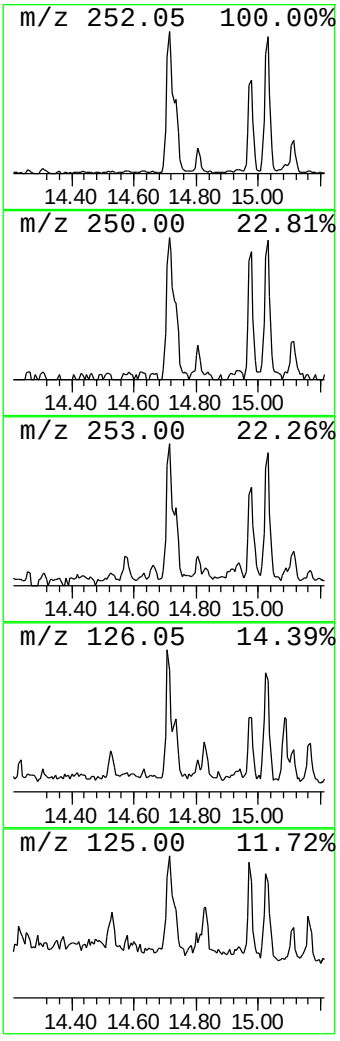
****

Peak Number 5 Benzo[e]pyrene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.71	2.08 ng	203785	Perylene-d12	15.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	95
3	Perylene	252	C20H12	000198-55-0	94
4	Benzo[a]pyrene	252	C20H12	000050-32-8	93
5	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	93





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062419\
Data File : BF115169.D
Acq On : 25 Jun 2019 1:14
Operator : HP/JU
Sample : K3500-07
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B-7(9-10)

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

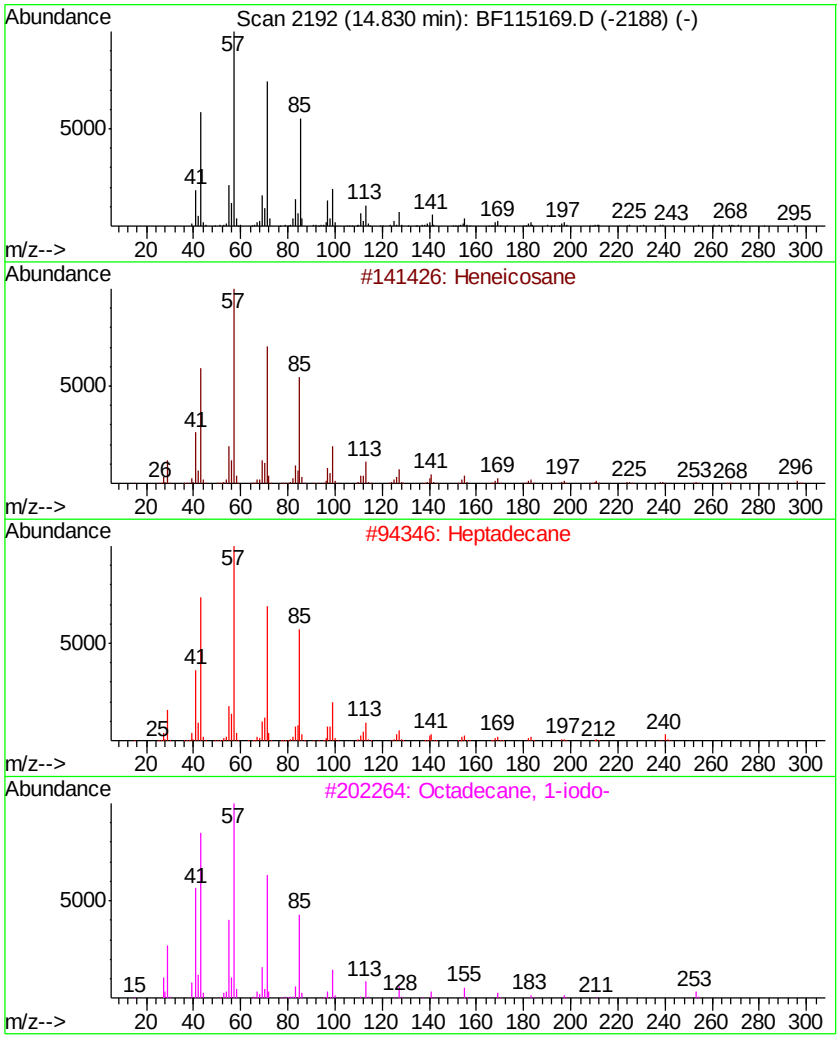
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

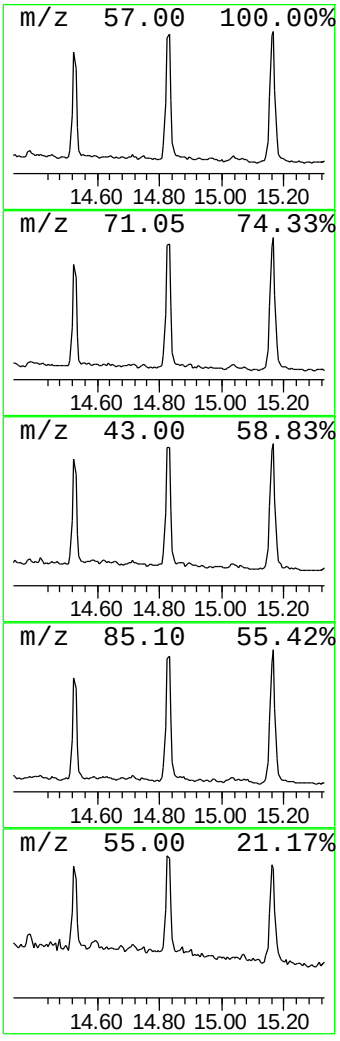
****

Peak Number 6 Heneicosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.83	4.31 ng	422377	Perylene-d12	15.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Heptadecane	240	C17H36	000629-78-7	86
3	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	86
4	Docosane	310	C22H46	000629-97-0	86
5	Nonadecane	268	C19H40	000629-92-5	83





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062419\
Data File : BF115169.D
Acq On : 25 Jun 2019 1:14
Operator : HP/JU
Sample : K3500-07
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B-7(9-10)

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

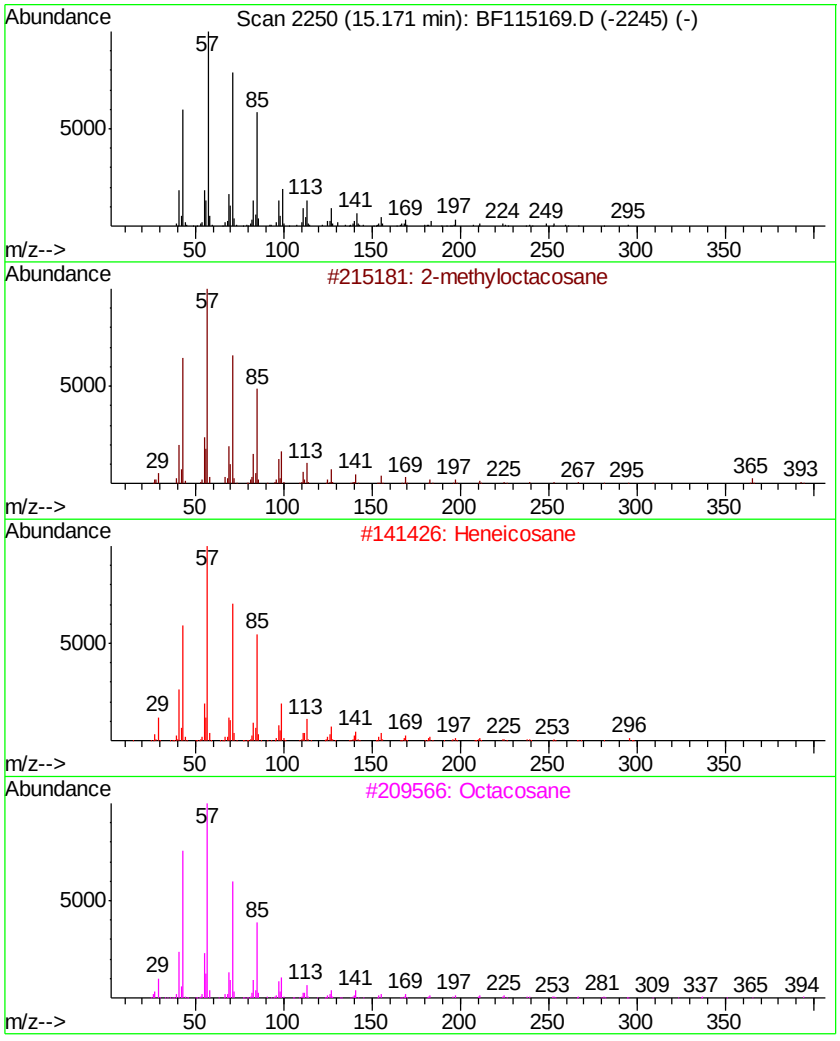
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

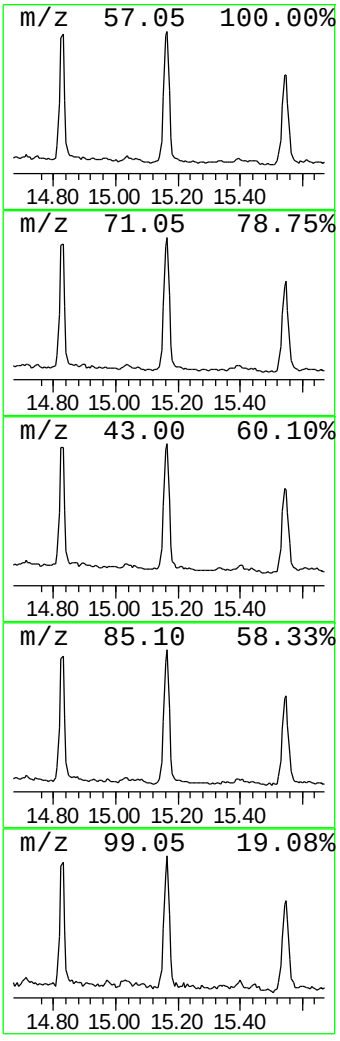
****

Peak Number 7 2-methyloctacosane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.17	5.20 ng	509000	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	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
5	Octadecane	254	C18H38	000593-45-3	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062419\
Data File : BF115169.D
Acq On : 25 Jun 2019 1:14
Operator : HP/JU
Sample : K3500-07
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B-7(9-10)

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

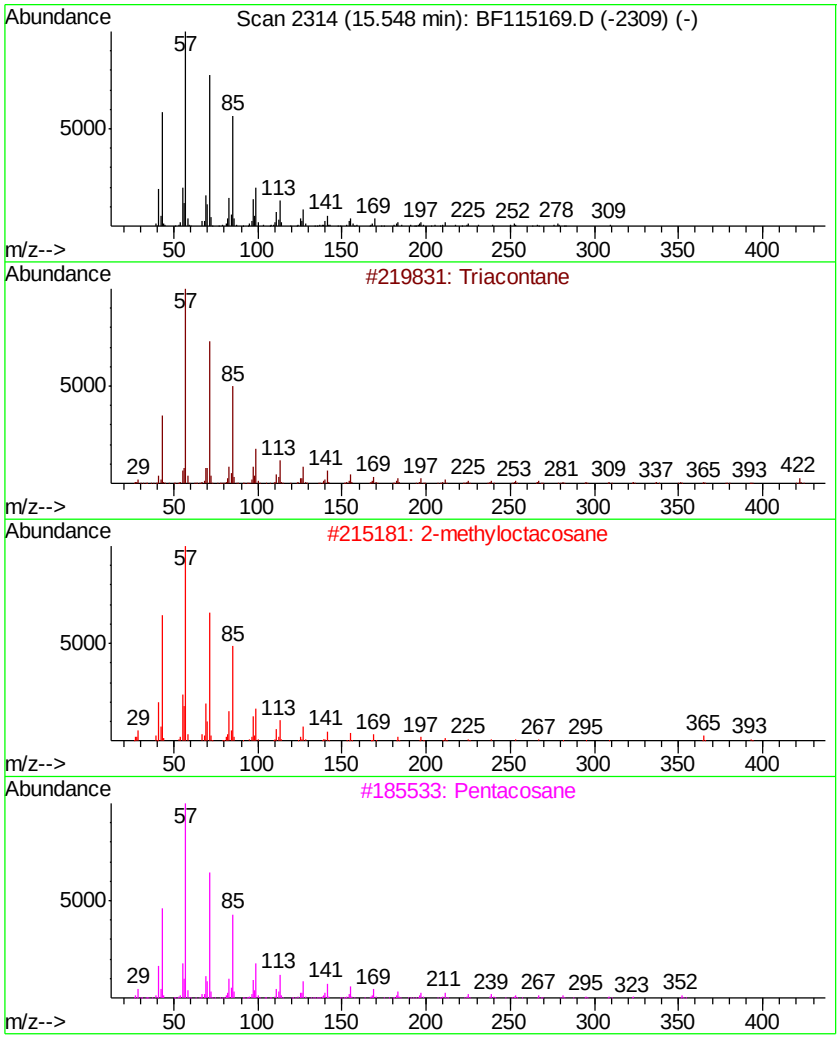
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

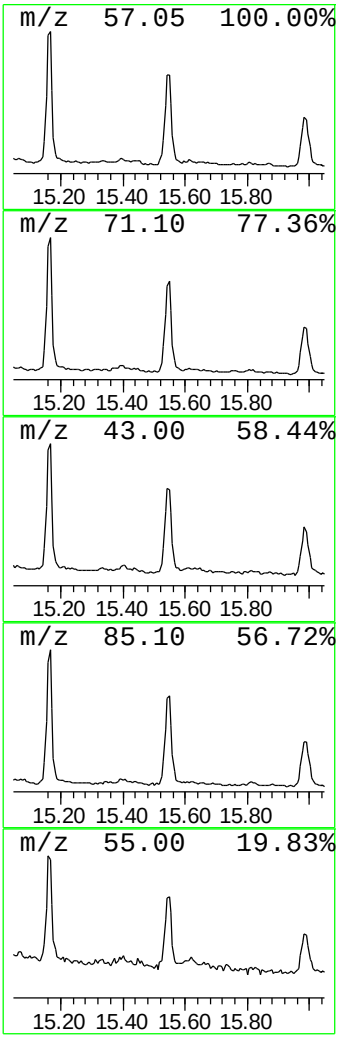
****

Peak Number 8 Triacontane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.55	4.16 ng	407626	Perylene-d12	15.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triacontane	422	C30H62	000638-68-6	91
2	2-methyloctacosane	408	C29H60	1000376-72-8	91
3	Pentacosane	352	C25H52	000629-99-2	91
4	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
5	Hexacosane	366	C26H54	000630-01-3	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF062419\
Data File : BF115169.D
Acq On : 25 Jun 2019 1:14
Operator : HP/JU
Sample : K3500-07
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B-7(9-10)

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	56.6	ng	4487250	1	6.61	1585530	20.0
Cyclopentadecane	13.61	3.9	ng	510991	5	13.72	2606110	20.0
Hexacosane	14.52	3.2	ng	312292	6	15.09	1957870	20.0
Benzo[e]pyrene	14.71	2.1	ng	203785	6	15.09	1957870	20.0
Heneicosane	14.83	4.3	ng	422377	6	15.09	1957870	20.0
2-methyloctacosane	15.17	5.2	ng	509000	6	15.09	1957870	20.0
Triacontane	15.55	4.2	ng	407626	6	15.09	1957870	20.0