LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040620\
Data File : BF119816.D
Acq On : 7 Apr 2020 12:35
Operator : MA/SJ
Sample : L2103-05
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-60-61-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-BF031820.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	4.987	490	493	500	rVB	44744	59145	1.41%	0.166%
2	5.398	557	563	566	rBV	3846225	4115206	98.31%	11.568%
3	6.416	730	736	739	rBV	4006849	3994015	95.42%	11.227%
4	6.610	766	769	775	rBV	167751	141849	3.39%	0.399%
5	6.781	795	798	802	rBV	1161791	939562	22.45%	2.641%
6	6.940	821	825	828	rBV	3777488	3088764	73.79%	8.683%
7	7.345	889	894	897	rBV	2586049	2593719	61.96%	7.291%
8	8.069	1012	1017	1020	rBV	1463231	1172689	28.02%	3.297%
9	9.151	1195	1201	1204	rBV	4438626	4185816	100.00%	11.767%
10	9.539	1264	1267	1271	rBV	783142	615706	14.71%	1.731%
11	9.686	1289	1292	1296	rVB	57687	46856	1.12%	0.132%
12	9.828	1309	1316	1319	rBV	1495206	1274671	30.45%	3.583%
13	10.616	1445	1450	1453	rBV	3064489	2634680	62.94%	7.406%
14	11.310	1564	1568	1571	rBV	1353406	1290280	30.83%	3.627%
15	11.333	1571	1572	1575	rVV	347701	226538	5.41%	0.637%
16	11.386	1575	1581	1584	rVB	88066	92369	2.21%	0.260%
17	11.816	1650	1654	1656	rBV	67876	62089	1.48%	0.175%
18	11.845	1656	1659	1664	rBV	407484	367998	8.79%	1.034%
19	11.927	1669	1673	1675	rVV	98402	124332	2.97%	0.350%
20	11.951	1675	1677	1682	rVB	63321	59784	1.43%	0.168%
21	12.369	1744	1748	1750	rBV	71331	72091	1.72%	0.203%
22	12.404	1750	1754	1759	rVB3	51216	90982	2.17%	0.256%
23	12.451	1759	1762	1765	rBV4	37553	46772	1.12%	0.131%
24	12.527	1771	1775	1778	rBV	276958	265457	6.34%	0.746%
25	12.574	1780	1783	1788	rVB3	54564	65399	1.56%	0.184%
26	12.633	1788	1793	1799	rBV3	158238	214542	5.13%	0.603%
27	12.757	1807	1814	1816	rBV	283556	293990	7.02%	0.826%
28	12.810	1820	1823	1828	rVB2	38656	53834	1.29%	0.151%
29	12.904	1835	1839	1842	rBV	4101152	3681346	87.95%	10.349%
30	12.974	1848	1851	1855	rBV3	37753	51473	1.23%	0.145%
31	13.080	1867	1869	1873	rVB	54246	54941	1.31%	0.154%
32	13.139	1874	1879	1883	rBV4	53239	88419	2.11%	0.249%
33	13.186	1885	1887	1890	rVV	52182	47231	1.13%	0.133%
34	13.280	1900	1903	1906	rBV2	44825	46363	1.11%	0.130%

LSC Area Percent Report

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Acq On : 7 Apr 2020 12:35
Operator : MA/SJ
Sample : L2103-05
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-60-61-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-BF031820.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	13.386	1918	1921	1927	rVB	154186	148241	3.54%	0.417%
36	13.480	1935	1937	1940	rBV	63095	62104	1.48%	0.175%
37	13.810	1989	1993	2003	rVB2	395012	489700	11.70%	1.377%
38	13.951	2013	2017	2020	rBV	1067455	1135201	27.12%	3.191%
39	13.980	2020	2022	2025	rVB	115406	90654	2.17%	0.255%
40	14.127	2045	2047	2053	rVB	109365	91647	2.19%	0.258%
41	14.433	2096	2099	2102	rBV	172057	151965	3.63%	0.427%
42	14.716	2144	2147	2148	rBV	126913	115093	2.75%	0.324%
43	14.733	2148	2150	2154	rVB	122749	128048	3.06%	0.360%
44	15.068	2205	2207	2212	rVB2	126520	130046	3.11%	0.366%
45	15.404	2259	2264	2268	rBV	691354	872011	20.83%	2.451%

Sum of corrected areas: 35573618

LSC Report - Integrated Chromatogram

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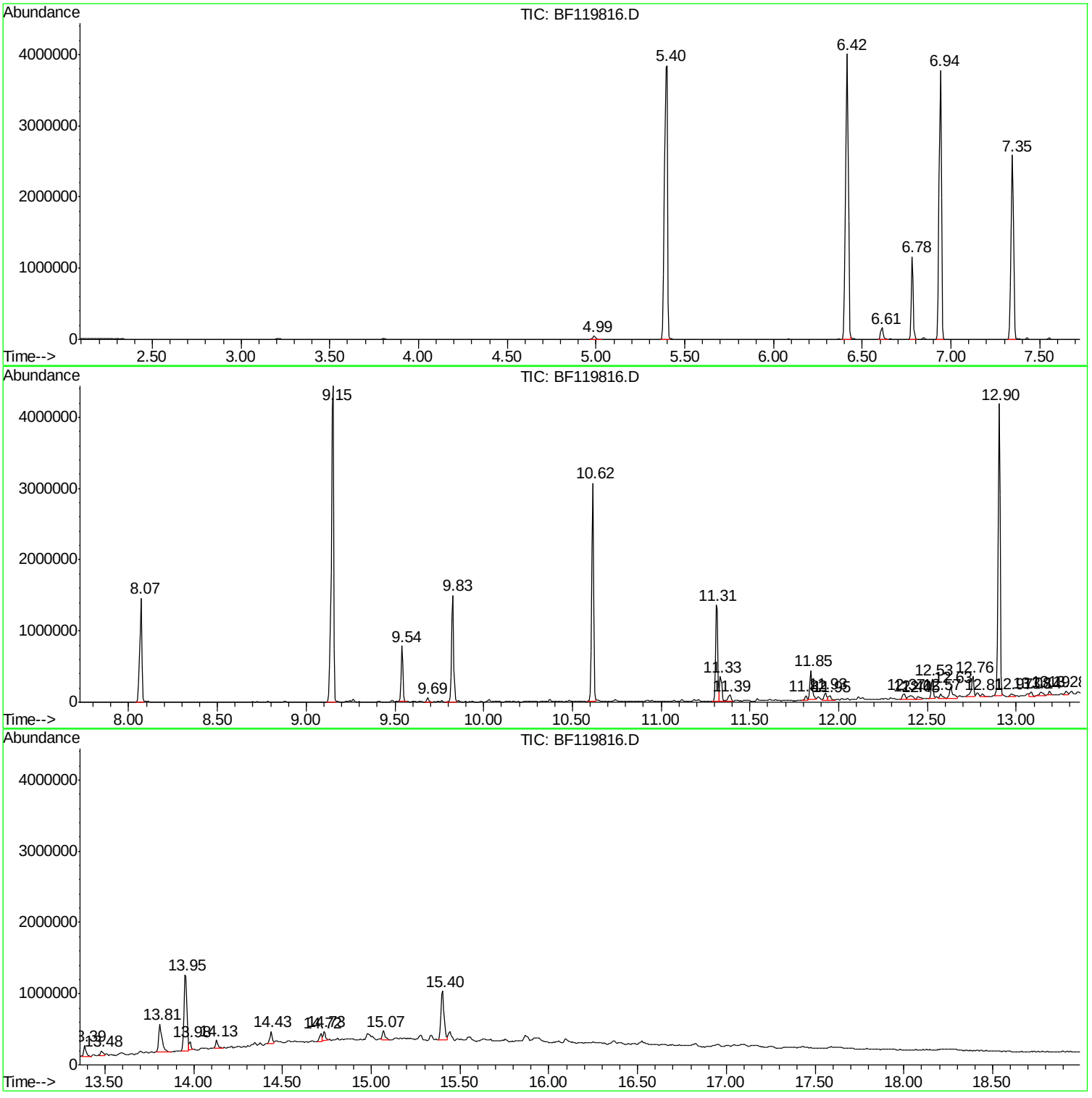
Data File : BF119816.D
Acq On : 7 Apr 2020 12:35
Operator : MA/SJ
Sample : L2103-05
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-60-61-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF031820.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\BF040620\
Data File : BF119816.D
Acq On : 7 Apr 2020 12:35
Operator : MA/SJ
Sample : L2103-05
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-60-61-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF031820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

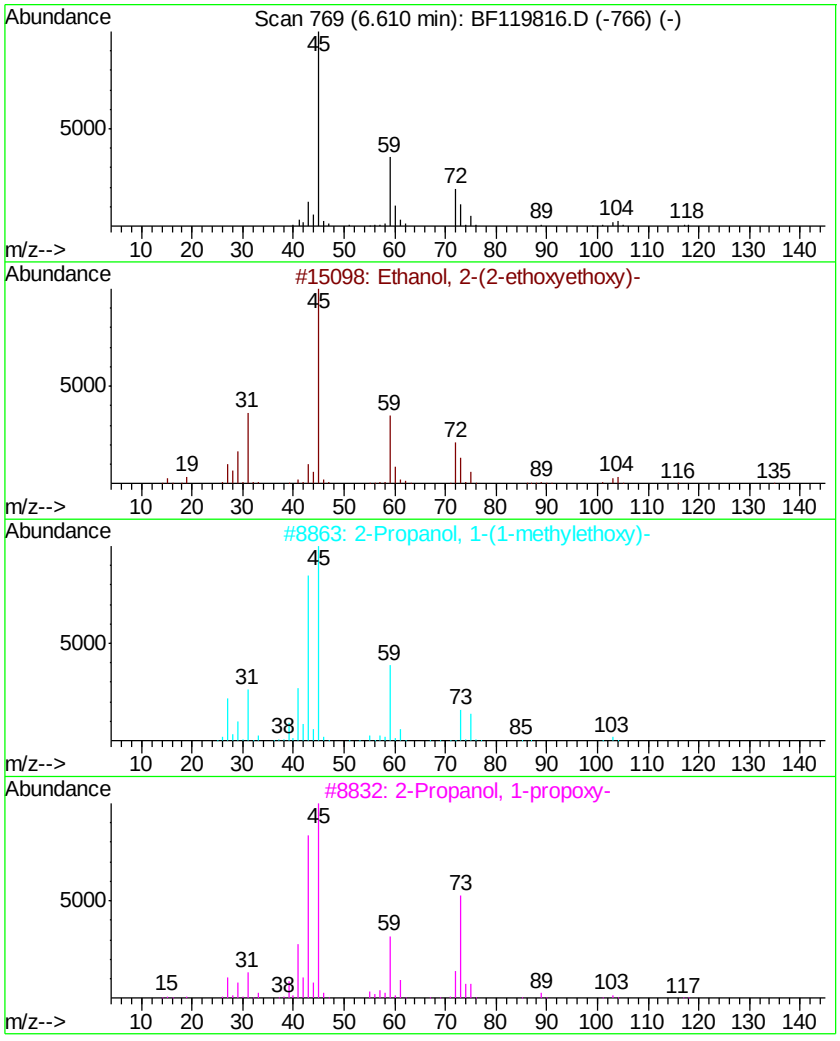
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

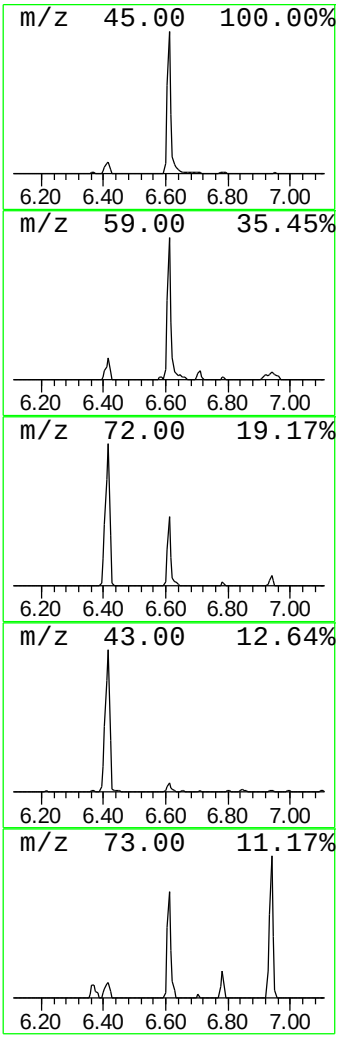
****

Peak Number 1 Ethanol, 2-(2-ethoxyethoxy)- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.61	3.02 ng	141849	1,4-Dichlorobenzene-d4	6.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-ethoxyethoxy)-	134	C6H14O3	000111-90-0	83
2	2-Propanol, 1-(1-methylethoxy)-	118	C6H14O2	003944-36-3	45
3	2-Propanol, 1-propoxy-	118	C6H14O2	001569-01-3	39
4	Butanoic acid, 4-methoxy-	118	C5H10O3	029006-02-8	38
5	Ethanol, 2-[2-(2-propenyloxy)eth...	146	C7H14O3	015075-50-0	33





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040620\
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Operator : MA/SJ
Sample : L2103-05
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Instrument : BNA_F
ClientSampleId : TP-60-61-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF031820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

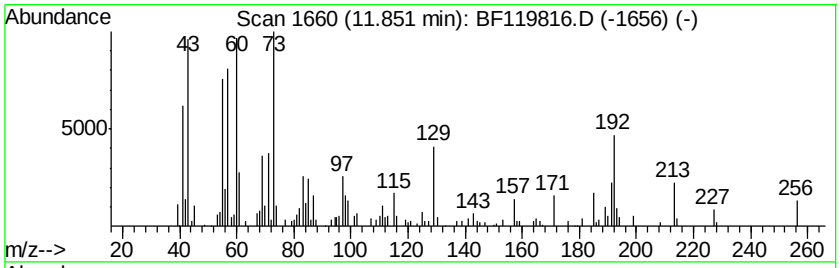
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

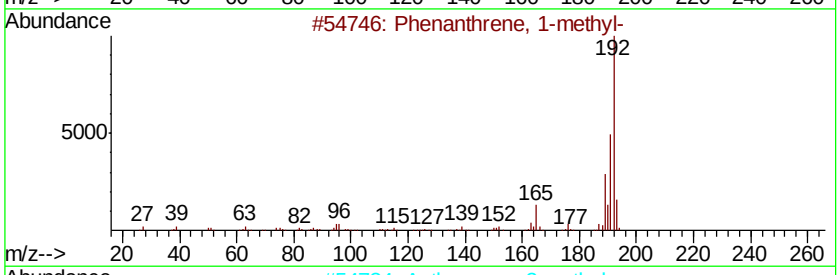
****

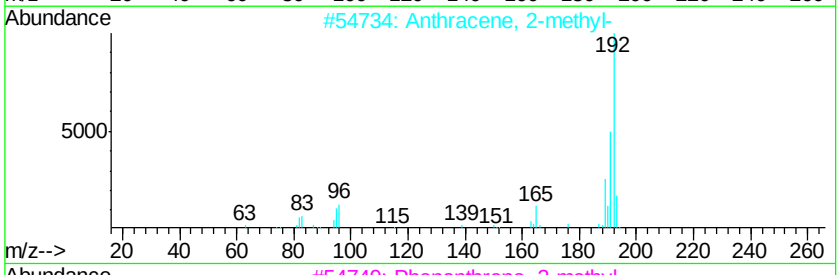
Peak Number 3 Phenanthrene, 1-methyl- Concentration Rank 3

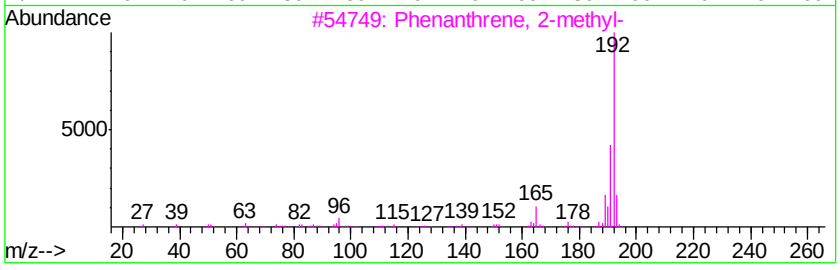
R.T.	EstConc	Area	Relative to ISTD	R.T.
11.85	5.70 ng	367998	Phenanthrene-d10	11.31

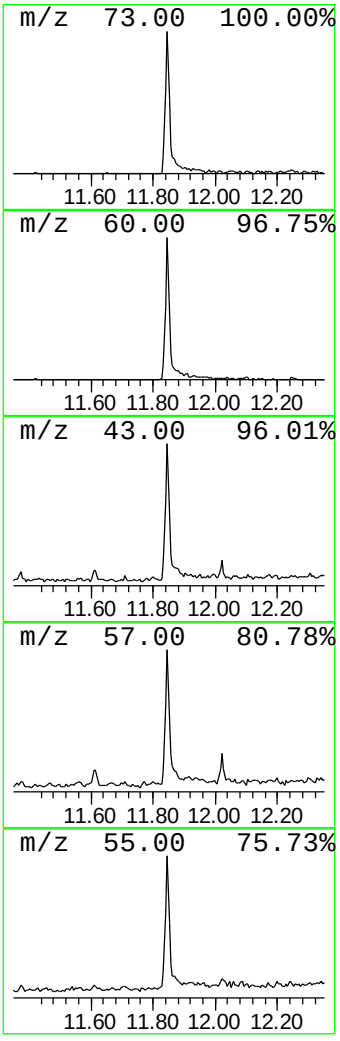
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	92
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	83
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	78
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	74
5	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	70











Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040620\
Data File : BF119816.D
Acq On : 7 Apr 2020 12:35
Operator : MA/SJ
Sample : L2103-05
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-60-61-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF031820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

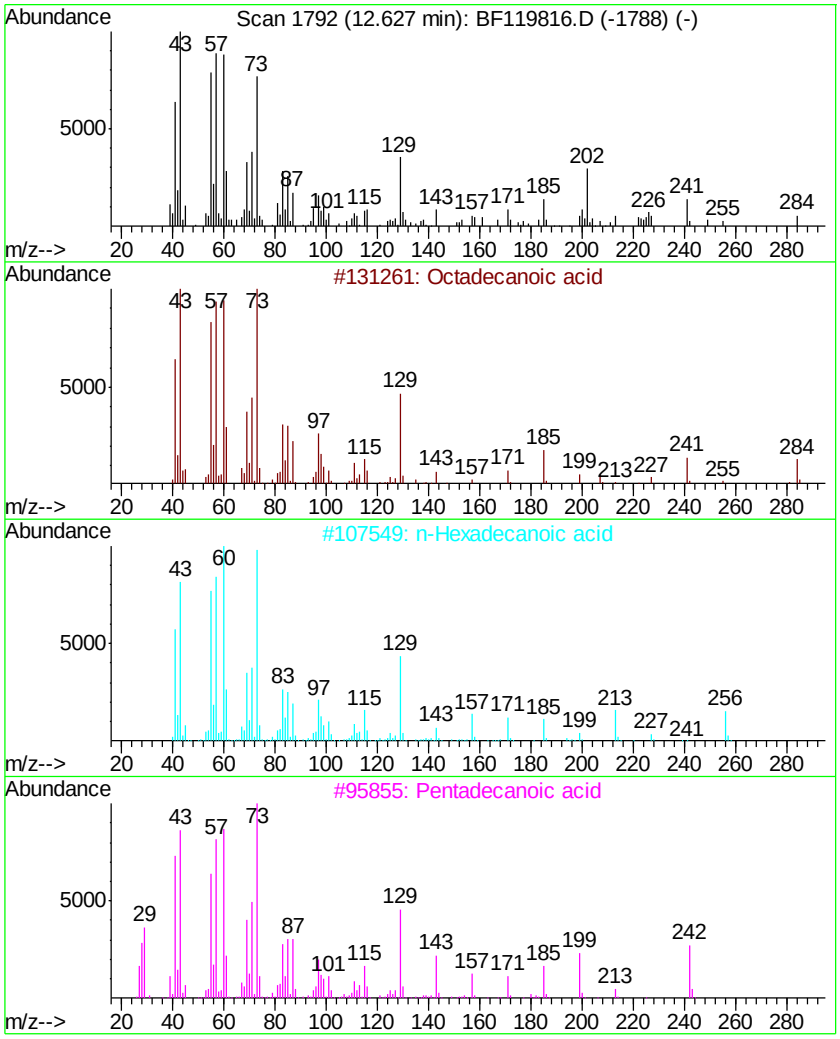
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

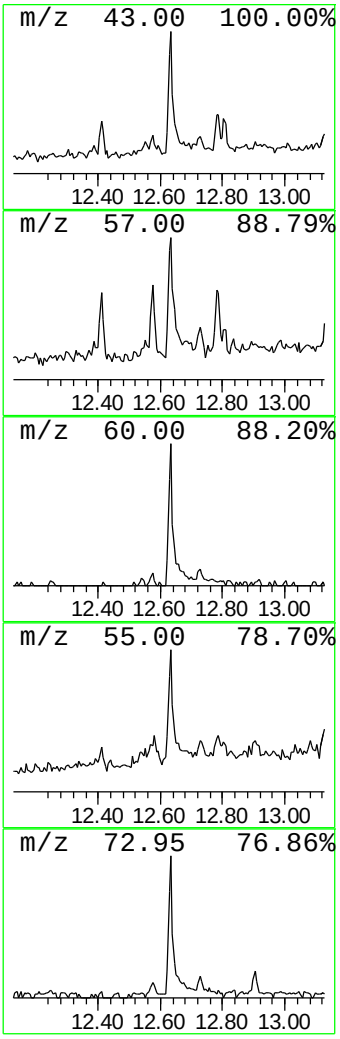
****

Peak Number 4 Octadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.63	3.78 ng	214542	Chrysene-d12	13.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	96
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	81
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	46
5	1-Dodecanol, 2-octyl-	298	C20H42O	005333-42-6	18





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040620\
Data File : BF119816.D
Acq On : 7 Apr 2020 12:35
Operator : MA/SJ
Sample : L2103-05
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-60-61-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF031820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

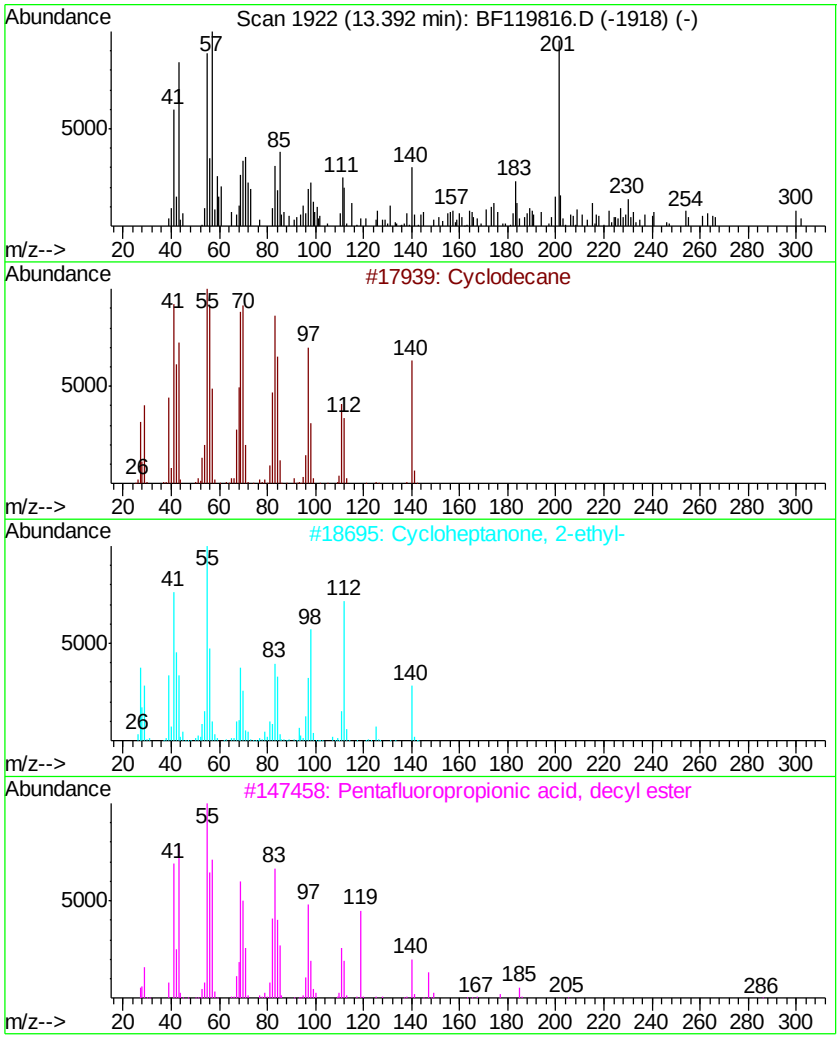
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

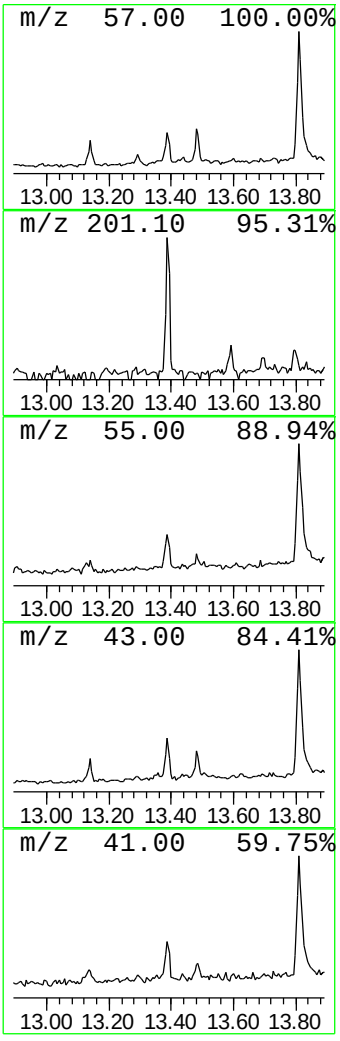
****

Peak Number 5 Cyclodecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.39	2.61 ng	148241	Chrysene-d12	13.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclodecane	140	C10H20	000293-96-9	49
2	Cycloheptanone, 2-ethyl-	140	C9H16O	003183-41-3	46
3	Pentafluoropropionic acid, decyl...	304	C13H21F5O2	959000-65-8	46
4	Formic acid, dec-2-yl ester	186	C11H22O2	1000367-89-5	38
5	n-PROPYL DECYL ETHER	200	C13H28O	1000130-70-3	38





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Instrument : BNA_F
ClientSampleId : TP-60-61-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF031820.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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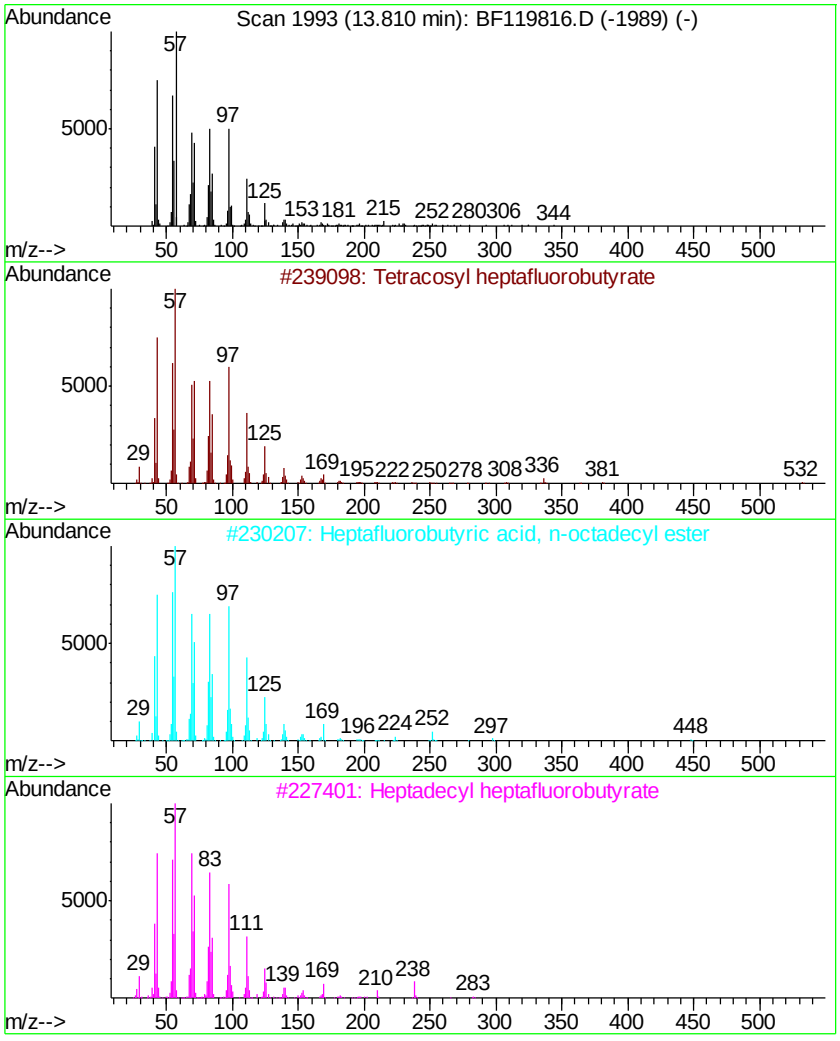
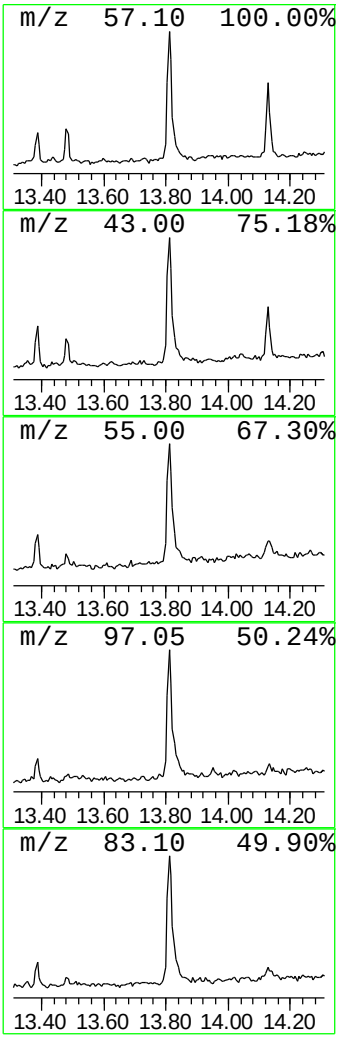
Peak Number 6 Tetracosyl heptafluorobutyrate Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.81	8.63 ng	489700	Chrysene-d12	13.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosyl heptafluorobutyrate	550	C28H49F7O2	1000351-83-7	91
2	Heptafluorobutyric acid, n-octad...	466	C22H37F7O2	000400-57-7	91
3	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	91
4	Pentafluoropropionic acid, octad...	416	C21H37F5O2	959261-25-7	91
5	Hexacosyl trifluoroacetate	478	C28H53F3O2	1000351-75-0	91





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ALS Vial : 45 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-60-61-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF031820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

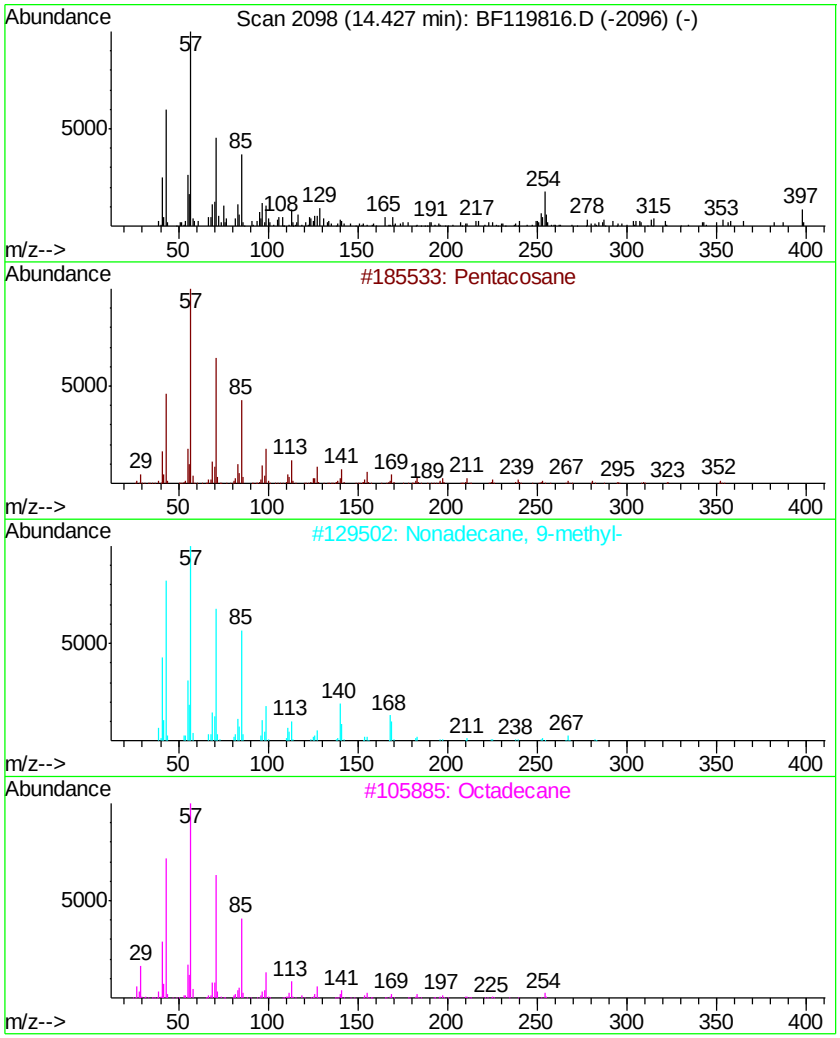
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

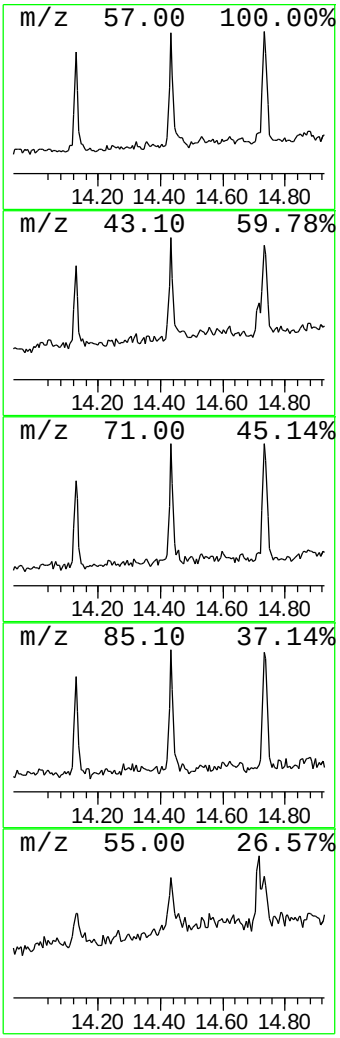
****

Peak Number 7 Pentacosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.43	2.68 ng	151965	Chrysene-d12	13.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentacosane	352	C25H52	000629-99-2	95
2	Nonadecane, 9-methyl-	282	C20H42	013287-24-6	89
3	Octadecane	254	C18H38	000593-45-3	81
4	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	76
5	Sulfurous acid, butyl undecyl ester	292	C15H32O3S	1000309-17-8	72





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Acq On : 7 Apr 2020 12:35
Operator : MA/SJ
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Misc :
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Instrument : BNA_F
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF031820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

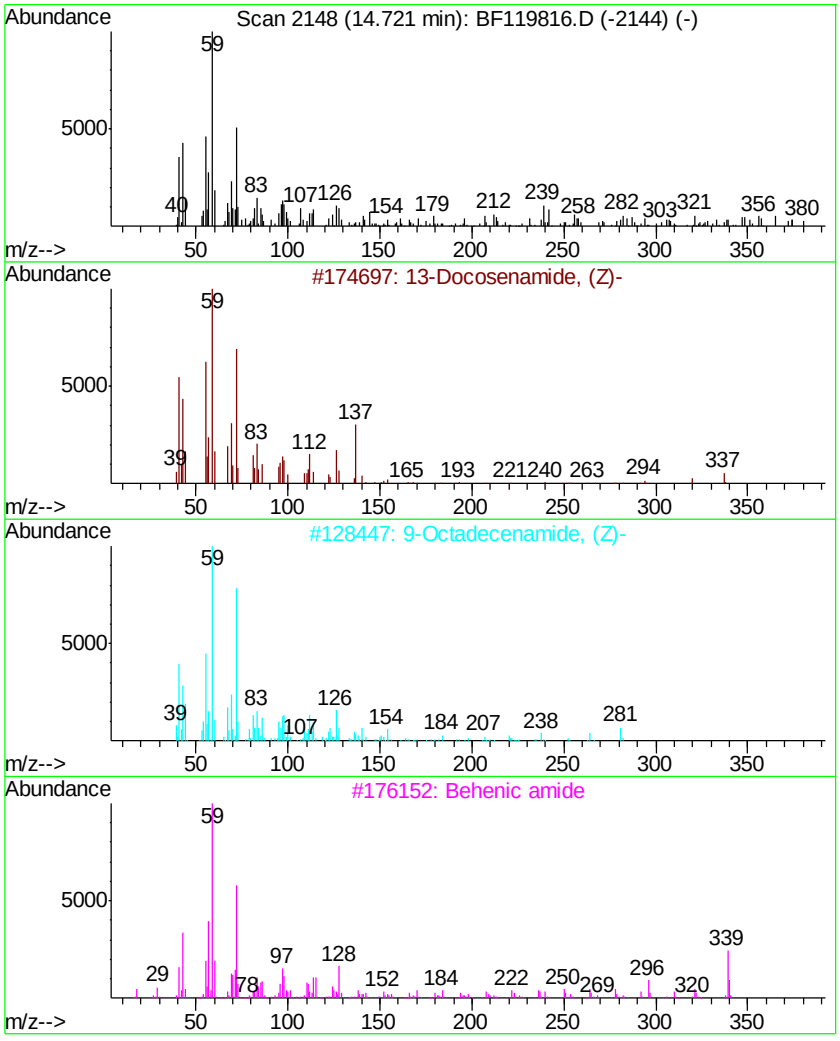
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

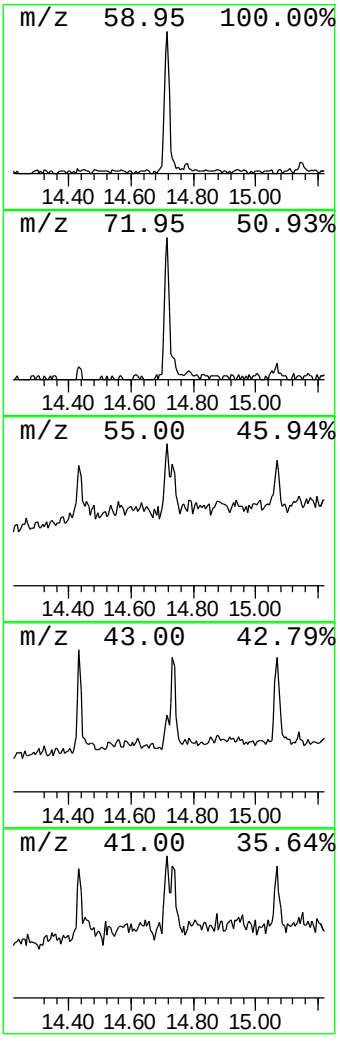
****

Peak Number 8 13-Docosenamide, (Z)- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.72	2.64 ng	115093	Perylene-d12	15.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	13-Docosenamide, (Z)-	337	C22H43NO	000112-84-5	90
2	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	90
3	Behenic amide	339	C22H45NO	003061-75-4	74
4	Tetradecanamide	227	C14H29NO	000638-58-4	72
5	Dodecanamide	199	C12H25NO	001120-16-7	50





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Acq On : 7 Apr 2020 12:35
Operator : MA/SJ
Sample : L2103-05
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-60-61-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF031820.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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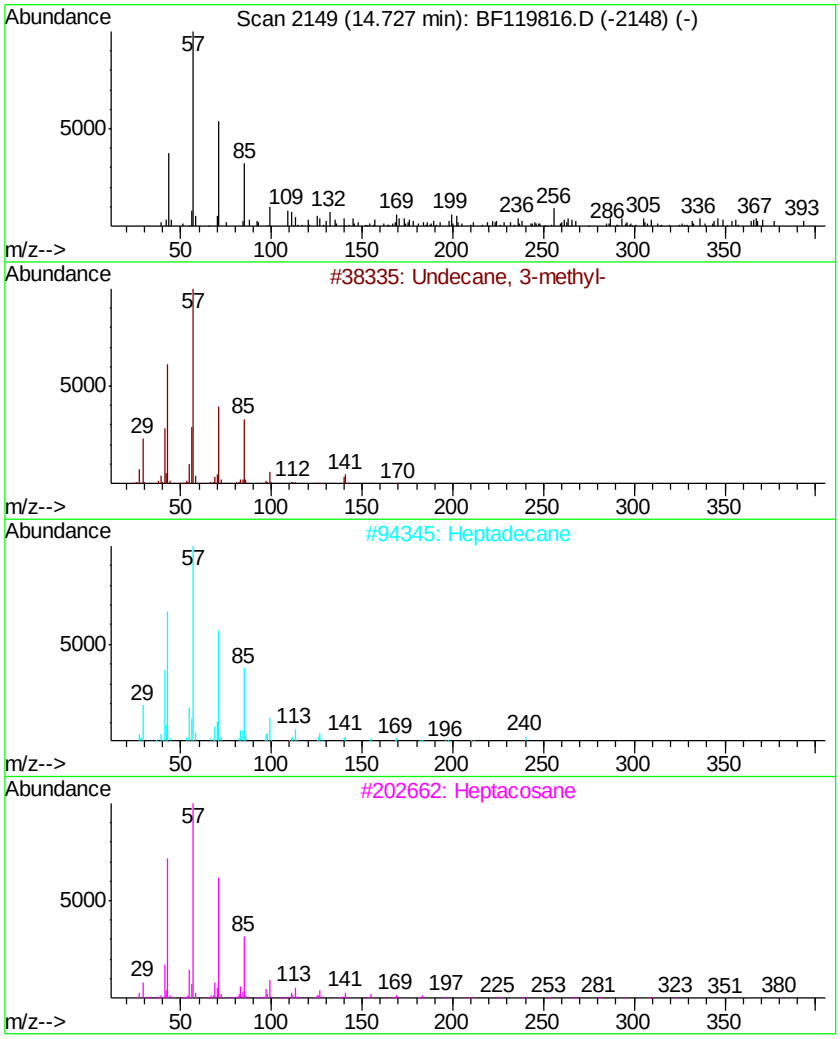
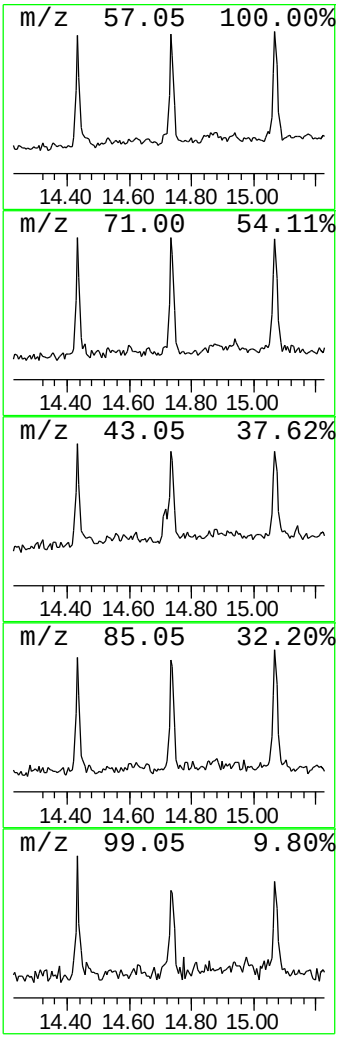
Peak Number 9 Undecane, 3-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.73	2.94 ng	128048	Perylene-d12	15.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 3-methyl-	170	C12H26	001002-43-3	72
2	Heptadecane	240	C17H36	000629-78-7	72
3	Heptacosane	380	C27H56	000593-49-7	72
4	Borane, diethyl(decyloxy)-	226	C14H31BO	1000152-34-3	72
5	3,5-Dimethyldodecane	198	C14H30	107770-99-0	72





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040620\
Data File : BF119816.D
Acq On : 7 Apr 2020 12:35
Operator : MA/SJ
Sample : L2103-05
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-60-61-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF031820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

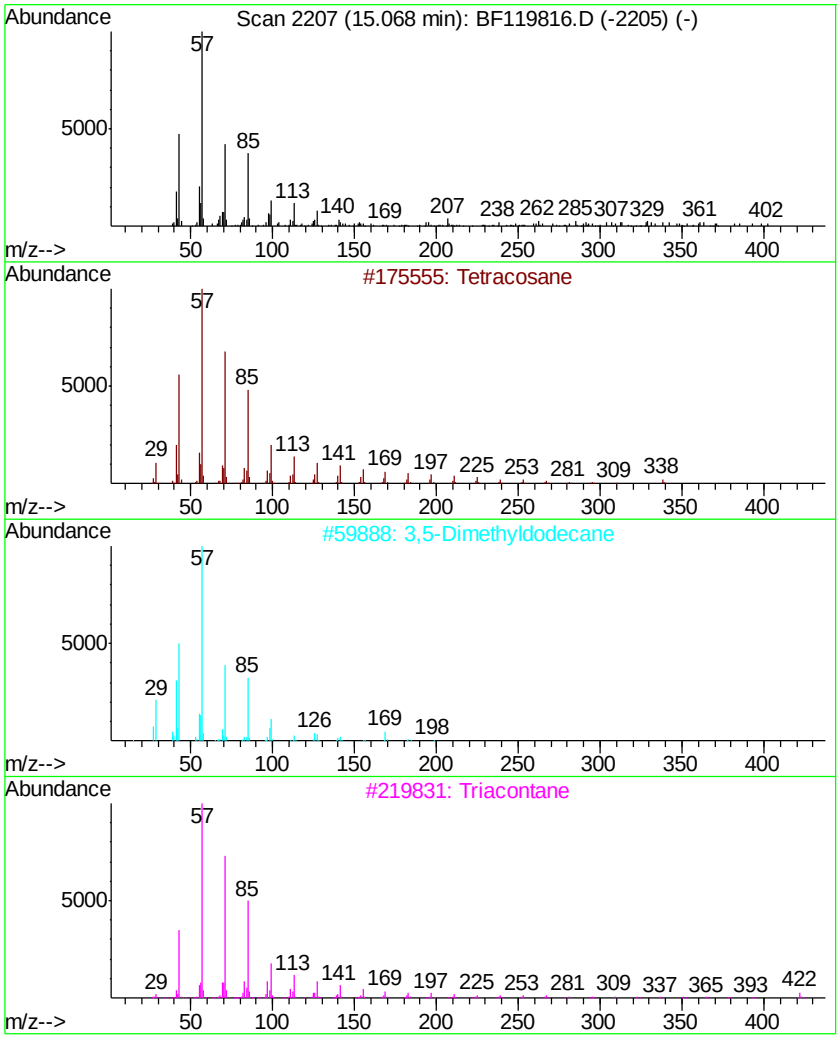
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

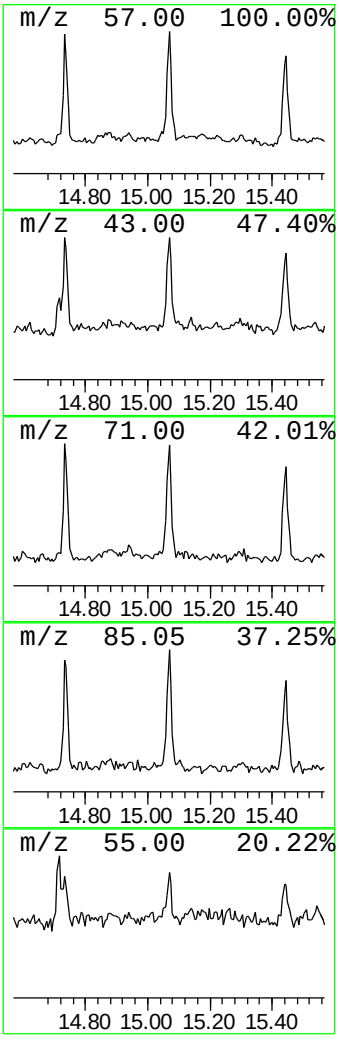
****

Peak Number 10 Tetracosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.07	2.98 ng	130046	Perylene-d12	15.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	81
2	3,5-Dimethyldodecane	198	C14H30	107770-99-0	74
3	Triacontane	422	C30H62	000638-68-6	72
4	Hexacosane	366	C26H54	000630-01-3	72
5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	72





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040620\
Data File : BF119816.D
Acq On : 7 Apr 2020 12:35
Operator : MA/SJ
Sample : L2103-05
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-60-61-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF031820.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
Ethanol, 2-(2-eth...	6.61	3.0	ng	141849	1	6.78	939562	20.0
Phenanthrene, 1-m...	11.85	5.7	ng	367998	4	11.31	1290280	20.0
Octadecanoic acid	12.63	3.8	ng	214542	5	13.96	1135200	20.0
Cyclodecane	13.39	2.6	ng	148241	5	13.96	1135200	20.0
Tetracosyl heptaf...	13.81	8.6	ng	489700	5	13.96	1135200	20.0
Pentacosane	14.43	2.7	ng	151965	5	13.96	1135200	20.0
13-Docosenamide, ...	14.72	2.6	ng	115093	6	15.40	872011	20.0
Undecane, 3-methyl-	14.73	2.9	ng	128048	6	15.40	872011	20.0
Tetracosane	15.07	3.0	ng	130046	6	15.40	872011	20.0