LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042720\
Data File : BF120218.D
Acq On : 27 Apr 2020 14:55
Operator : MA/SJ
Sample : L2407-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RBR-200010

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-BF040820.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	5.275	538	542	554	rBV	2358990	2258255	80.74%	9.538%
2	6.316	715	719	734	rBV	2219317	2220688	79.40%	9.379%
3	6.498	747	750	758	rVB	61359	62717	2.24%	0.265%
4	6.663	774	778	782	rBV	890964	729612	26.09%	3.082%
5	6.816	800	804	808	rBV	2059381	1820225	65.08%	7.688%
6	7.228	869	874	877	rBV	1619803	1441304	51.53%	6.087%
7	7.945	992	996	1000	rBV	1090300	940158	33.61%	3.971%
8	9.028	1175	1180	1183	rBV	3079390	2678553	95.77%	11.313%
9	9.422	1243	1247	1250	rBV	363788	265837	9.50%	1.123%
10	9.698	1290	1294	1298	rBV	1183501	1080301	38.63%	4.563%
11	10.492	1424	1429	1432	rBV	1834570	1661823	59.42%	7.019%
12	11.186	1543	1547	1549	rBV	1275909	1116457	39.92%	4.715%
13	11.204	1549	1550	1554	rVB	61647	46679	1.67%	0.197%
14	11.727	1634	1639	1648	rBV	449887	474732	16.97%	2.005%
15	12.392	1749	1752	1756	rBV	167494	160597	5.74%	0.678%
16	12.510	1767	1772	1784	rBV2	162389	202145	7.23%	0.854%
17	12.622	1786	1791	1794	rBV	154497	153922	5.50%	0.650%
18	12.774	1812	1817	1820	rBV	3259987	2796844	100.00%	11.812%
19	12.845	1824	1829	1833	rBV5	19505	34261	1.22%	0.145%
20	12.951	1841	1847	1852	rVB2	27876	43813	1.57%	0.185%
21	13.021	1853	1859	1862	rBV2	29498	42866	1.53%	0.181%
22	13.686	1968	1972	1981	rBV	273973	411998	14.73%	1.740%
23	13.821	1990	1995	1998	rBV2	1045977	1141149	40.80%	4.820%
24	13.845	1998	1999	2002	rVB	62057	47518	1.70%	0.201%
25	13.998	2022	2025	2030	rBV	48641	49063	1.75%	0.207%
26	14.304	2073	2077	2080	rBV	95029	103246	3.69%	0.436%
27	14.598	2124	2127	2136	rVB	106458	125752	4.50%	0.531%
28	14.833	2163	2167	2170	rBV	78318	108027	3.86%	0.456%
29	14.910	2177	2180	2186	rVB2	113038	119405	4.27%	0.504%
30	15.110	2211	2214	2219	rVB	42222	57674	2.06%	0.244%
31	15.174	2221	2225	2229	rVV	53339	70785	2.53%	0.299%
32	15.227	2230	2234	2238	rVV	638484	798580	28.55%	3.373%
33	15.263	2238	2240	2248	rVB2	108661	129127	4.62%	0.545%
34	15.663	2304	2308	2312	rVB	71502	94522	3.38%	0.399%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042720\
Data File : BF120218.D
Acq On : 27 Apr 2020 14:55
Operator : MA/SJ
Sample : L2407-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RBR-200010

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-BF040820.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	15.733	2316	2320	2328	rBV9	22021	48777	1.74%	0.206%
36	16.121	2382	2386	2394	rBV3	45143	95134	3.40%	0.402%
37	16.580	2460	2464	2469	rVB4	23484	44553	1.59%	0.188%

Sum of corrected areas: 23677099

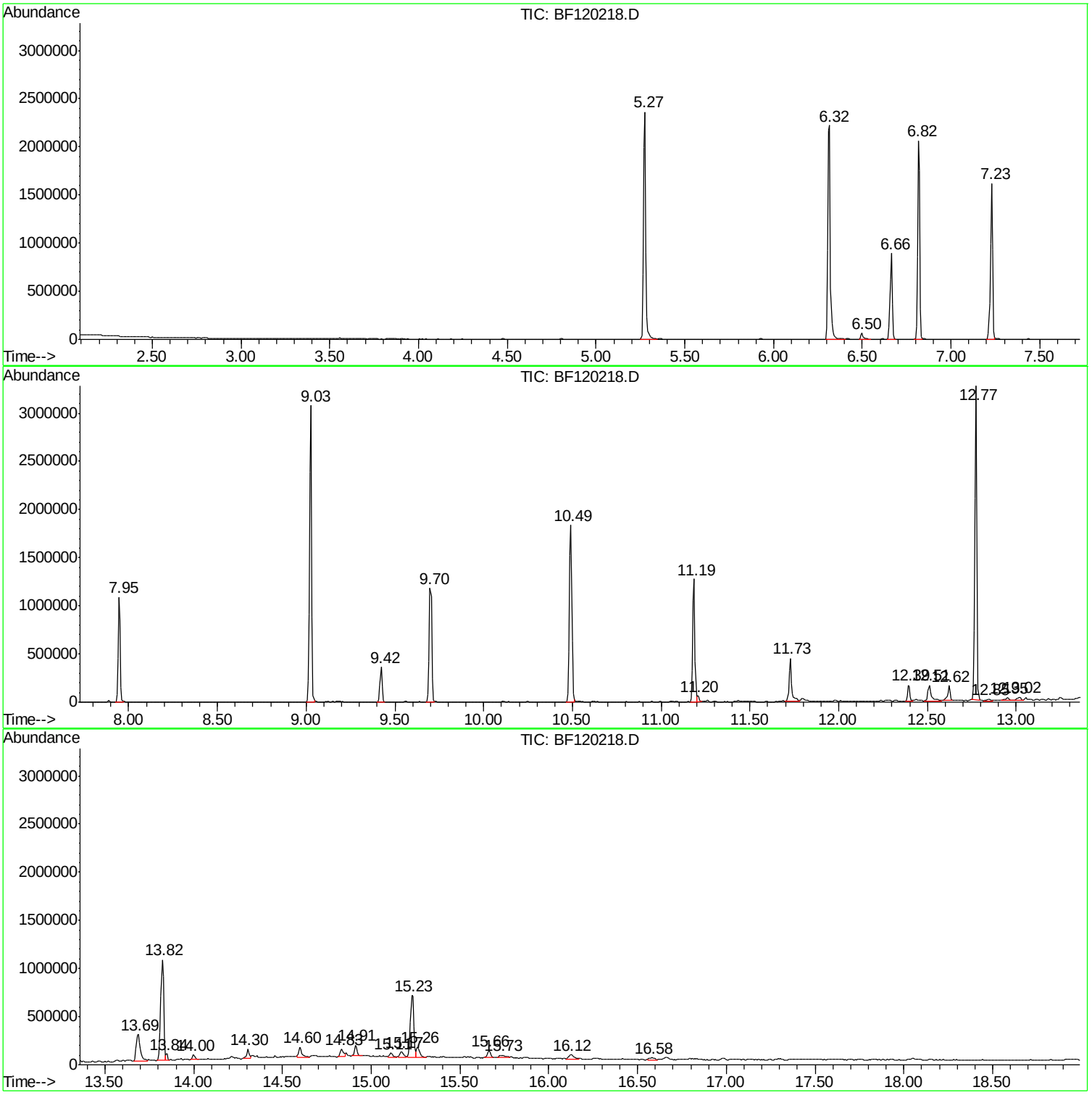
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042720\
Data File : BF120218.D
Acq On : 27 Apr 2020 14:55
Operator : MA/SJ
Sample : L2407-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RBR-200010

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040820.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\BF042720\
Data File : BF120218.D
Acq On : 27 Apr 2020 14:55
Operator : MA/SJ
Sample : L2407-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RBR-200010

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

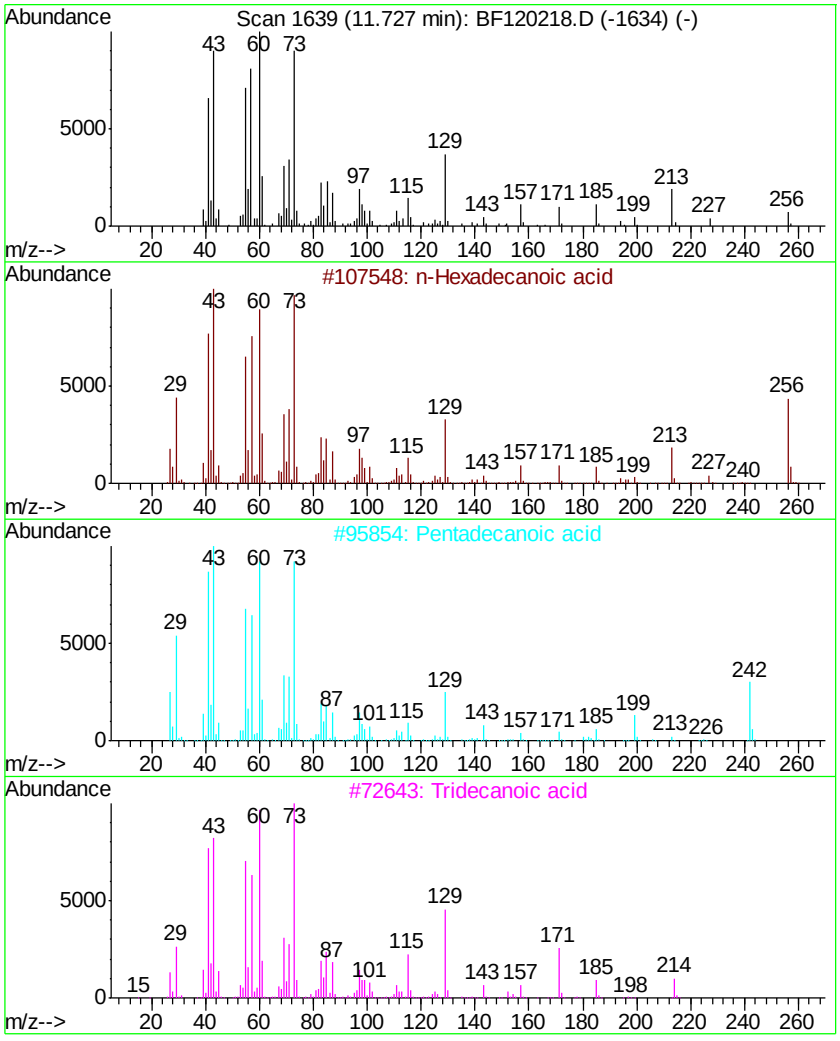
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

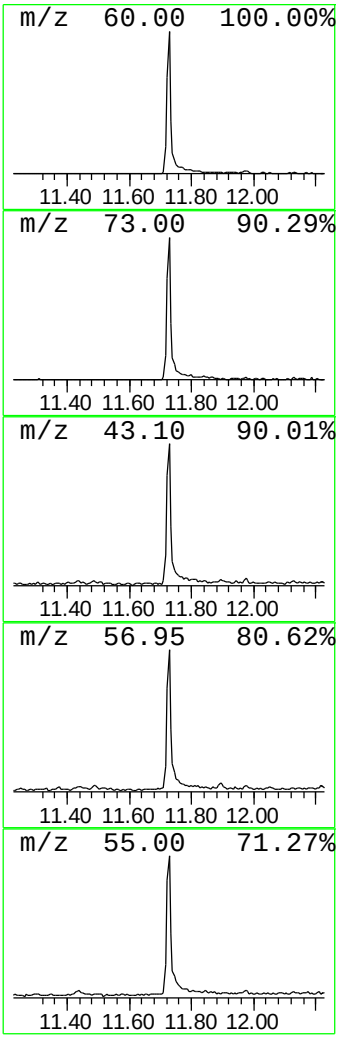
****

Peak Number 2 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.73	8.50 ng	474732	Phenanthrene-d10	11.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	78
3	Tridecanoic acid	214	C13H26O2	000638-53-9	76
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	72
5	n-Decanoic acid	172	C10H20O2	000334-48-5	53





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042720\
Data File : BF120218.D
Acq On : 27 Apr 2020 14:55
Operator : MA/SJ
Sample : L2407-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RBR-200010

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040820.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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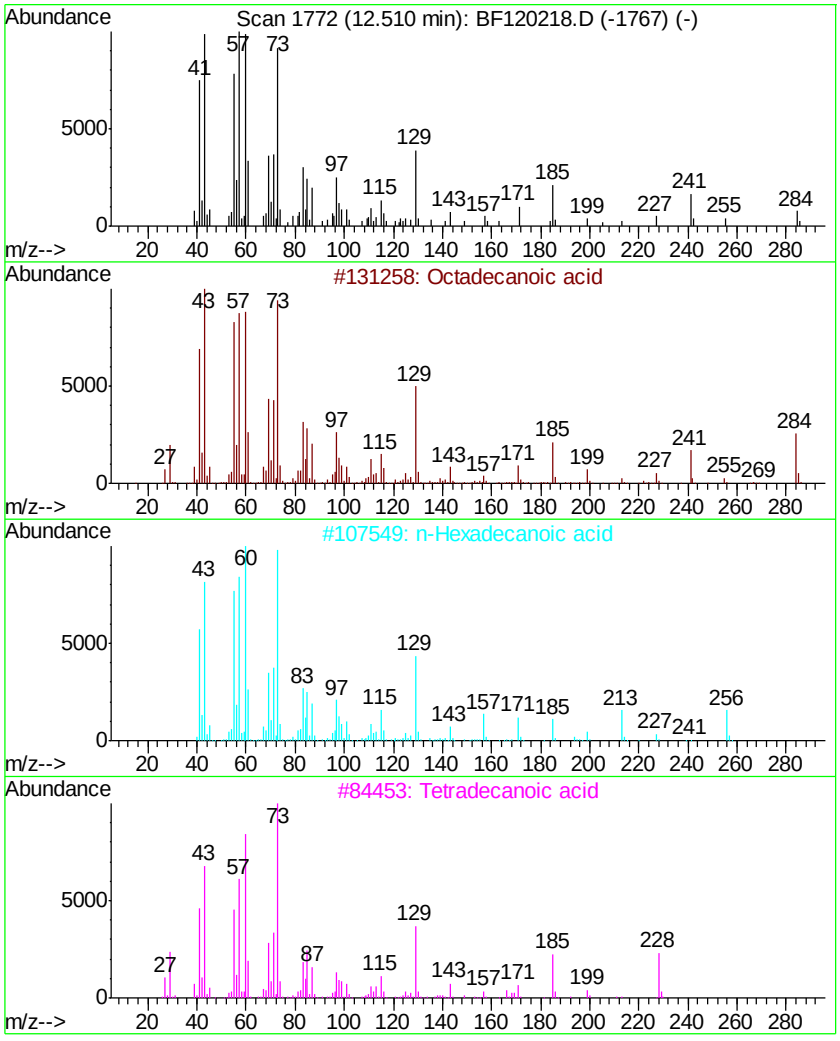
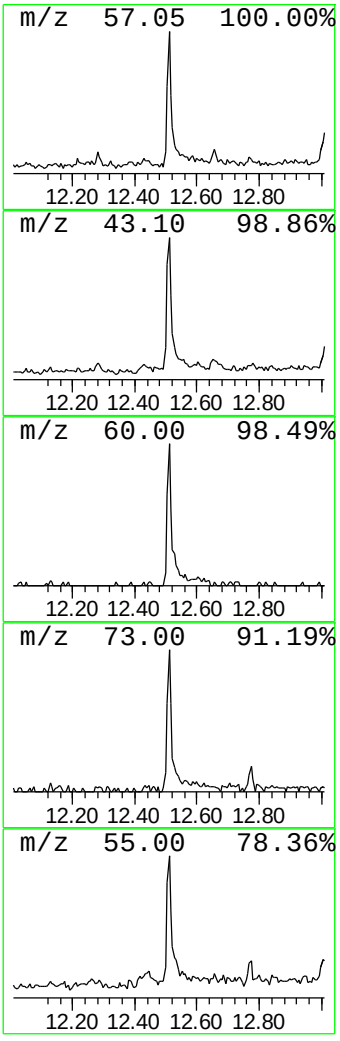
Peak Number 3 Octadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.51	3.54 ng	202145	Chrysene-d12	13.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	97
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	83
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	83
4	Tridecanoic acid	214	C13H26O2	000638-53-9	72
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	72





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042720\
Data File : BF120218.D
Acq On : 27 Apr 2020 14:55
Operator : MA/SJ
Sample : L2407-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RBR-200010

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040820.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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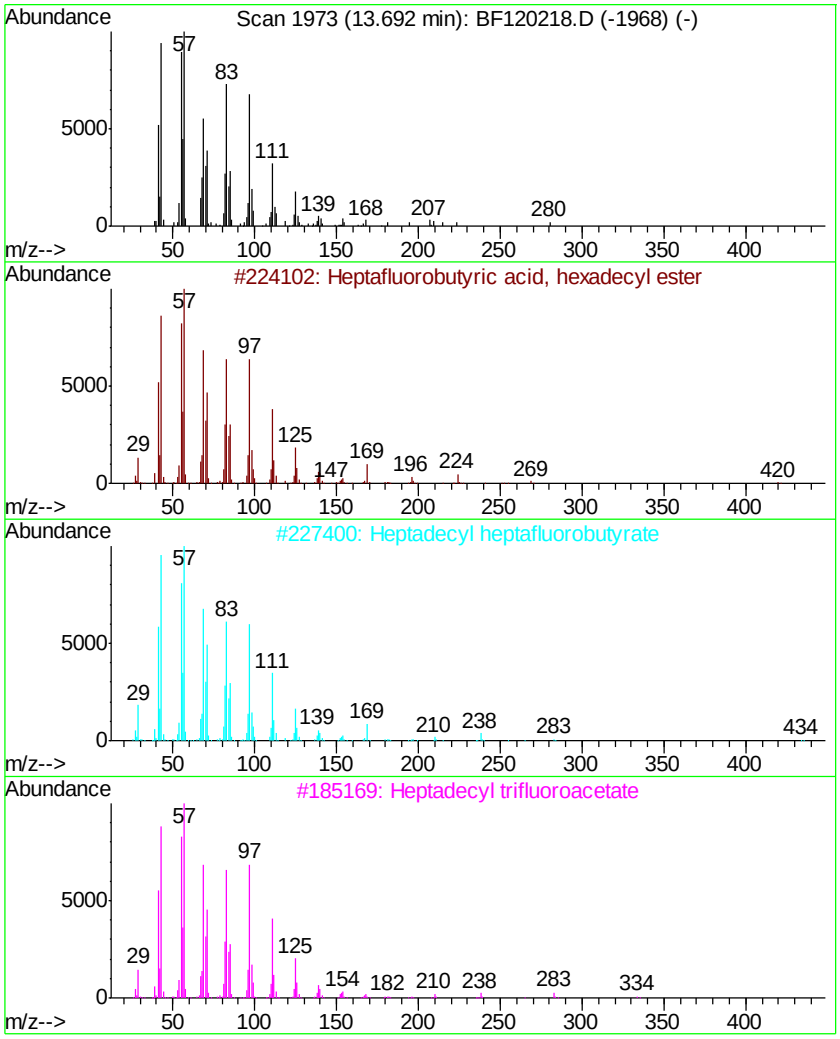
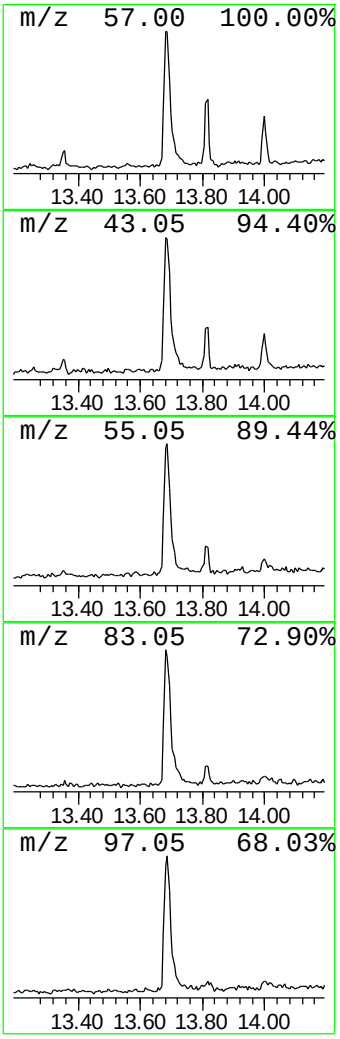
Peak Number 4 Heptafluorobutyric acid, he... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.69	7.22 ng	411998	Chrysene-d12	13.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptafluorobutyric acid, hexadec...	438	C20H33F7O2	006385-15-5	94
2	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	94
3	Heptadecyl trifluoroacetate	352	C19H35F3O2	1000351-87-0	94
4	Octadecyl trifluoroacetate	366	C20H37F3O2	079392-43-1	91
5	Pentafluoropropionic acid, octad...	416	C21H37F5O2	959261-25-7	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042720\
Data File : BF120218.D
Acq On : 27 Apr 2020 14:55
Operator : MA/SJ
Sample : L2407-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RBR-200010

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

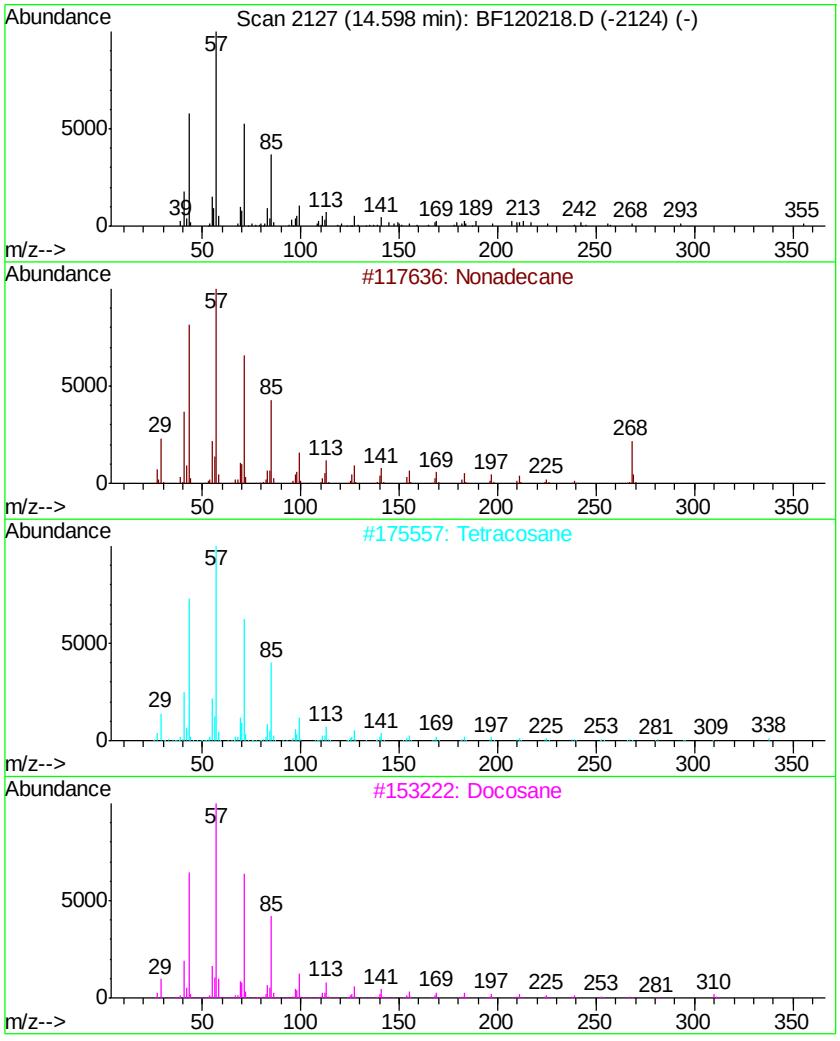
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

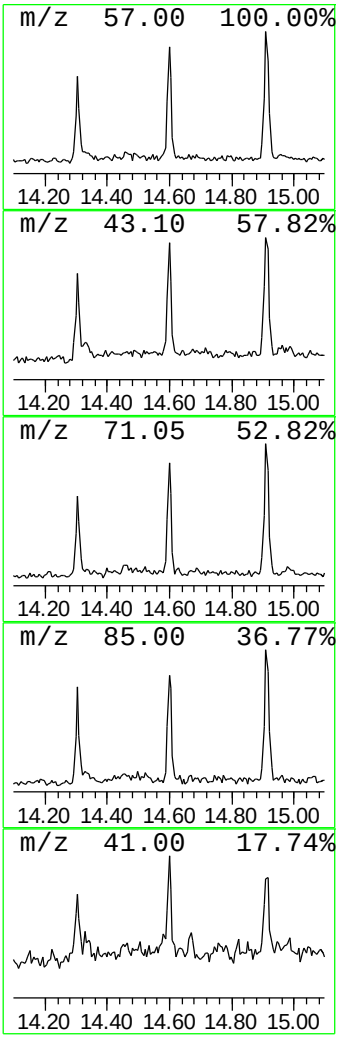
****

Peak Number 5 Nonadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.60	3.15 ng	125752	Perylene-d12	15.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	90
2	Tetracosane	338	C24H50	000646-31-1	83
3	Docosane	310	C22H46	000629-97-0	80
4	Octacosane	394	C28H58	000630-02-4	80
5	Hentriacontane	437	C31H64	000630-04-6	80





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042720\
Data File : BF120218.D
Acq On : 27 Apr 2020 14:55
Operator : MA/SJ
Sample : L2407-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RBR-200010

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040820.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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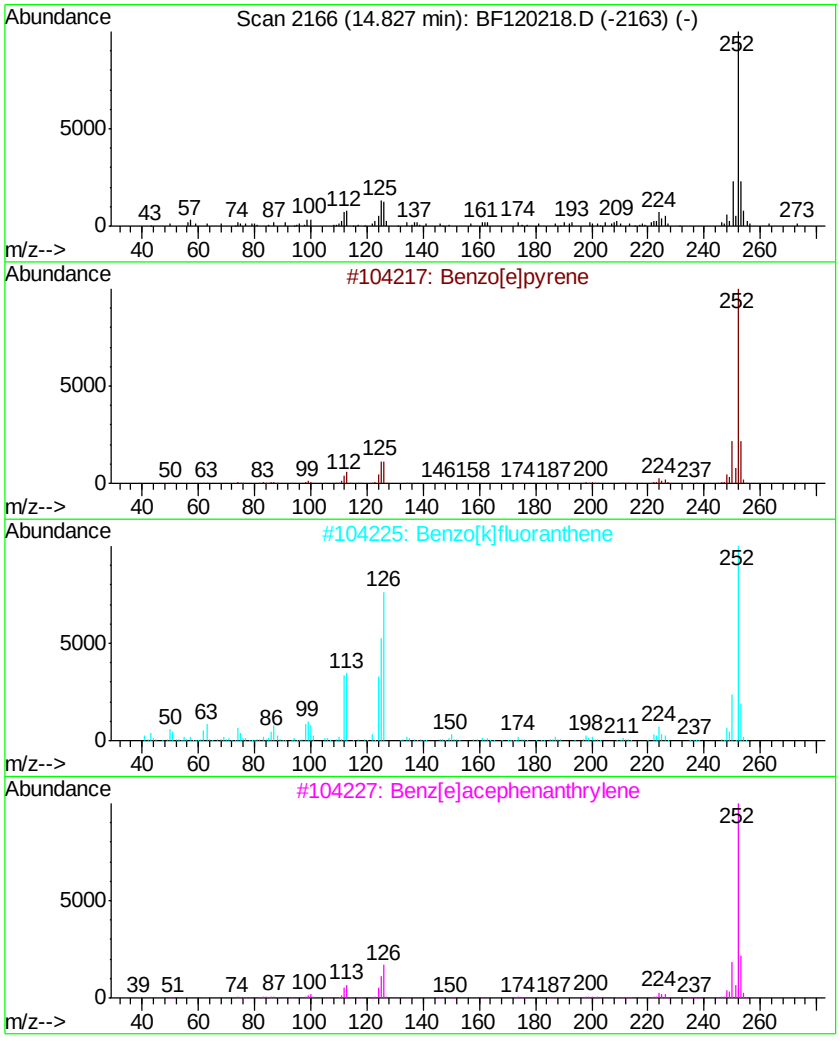
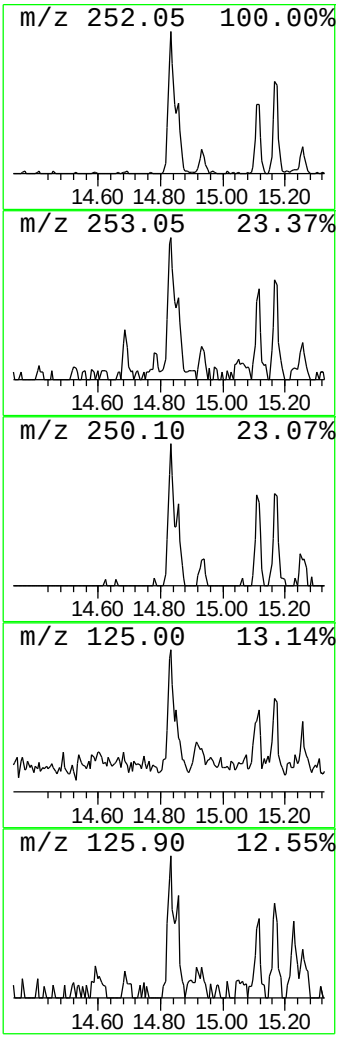
Peak Number 6 Benzo[e]pyrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.83	2.71 ng	108027	Perylene-d12	15.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	93
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	89
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	81
4	Benzo[j]fluoranthene	252	C20H12	000205-82-3	81
5	Benzo[a]pyrene	252	C20H12	000050-32-8	76





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042720\
Data File : BF120218.D
Acq On : 27 Apr 2020 14:55
Operator : MA/SJ
Sample : L2407-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RBR-200010

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

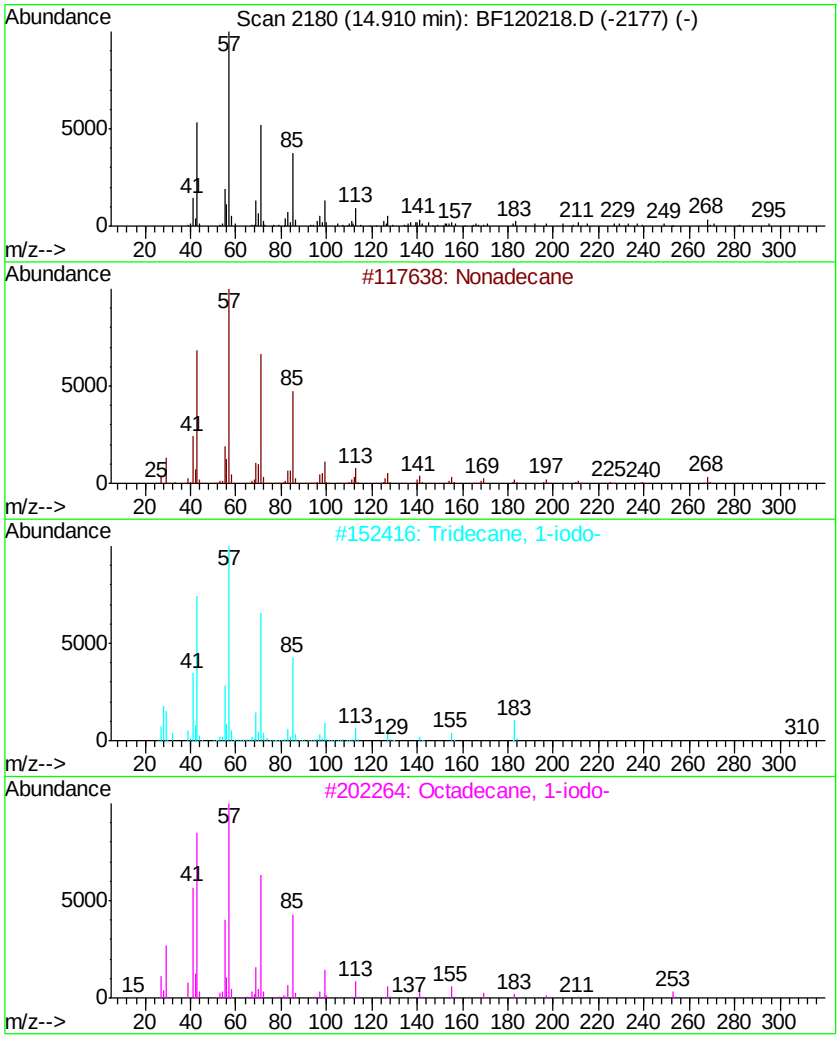
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

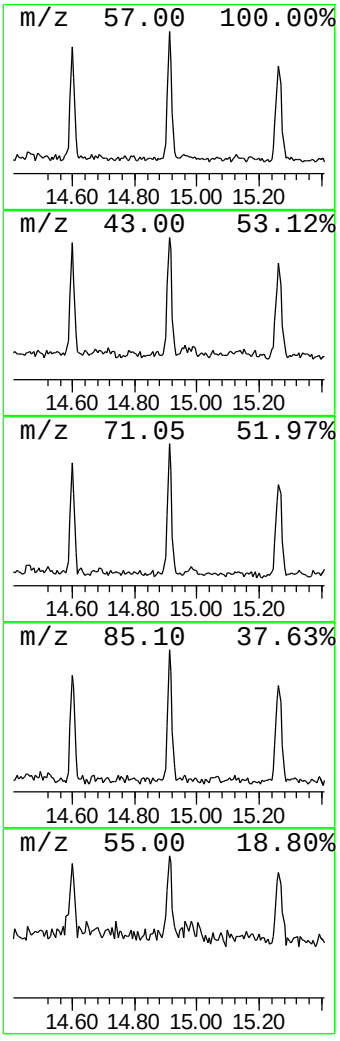
****

Peak Number 7 Tridecane, 1-iodo- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.91	2.99 ng	119405	Perylene-d12	15.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	90
2	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	83
3	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	83
4	Eicosane	282	C20H42	000112-95-8	80
5	2-Bromotetradecane	276	C14H29Br	074036-95-6	80





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042720\
Data File : BF120218.D
Acq On : 27 Apr 2020 14:55
Operator : MA/SJ
Sample : L2407-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RBR-200010

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

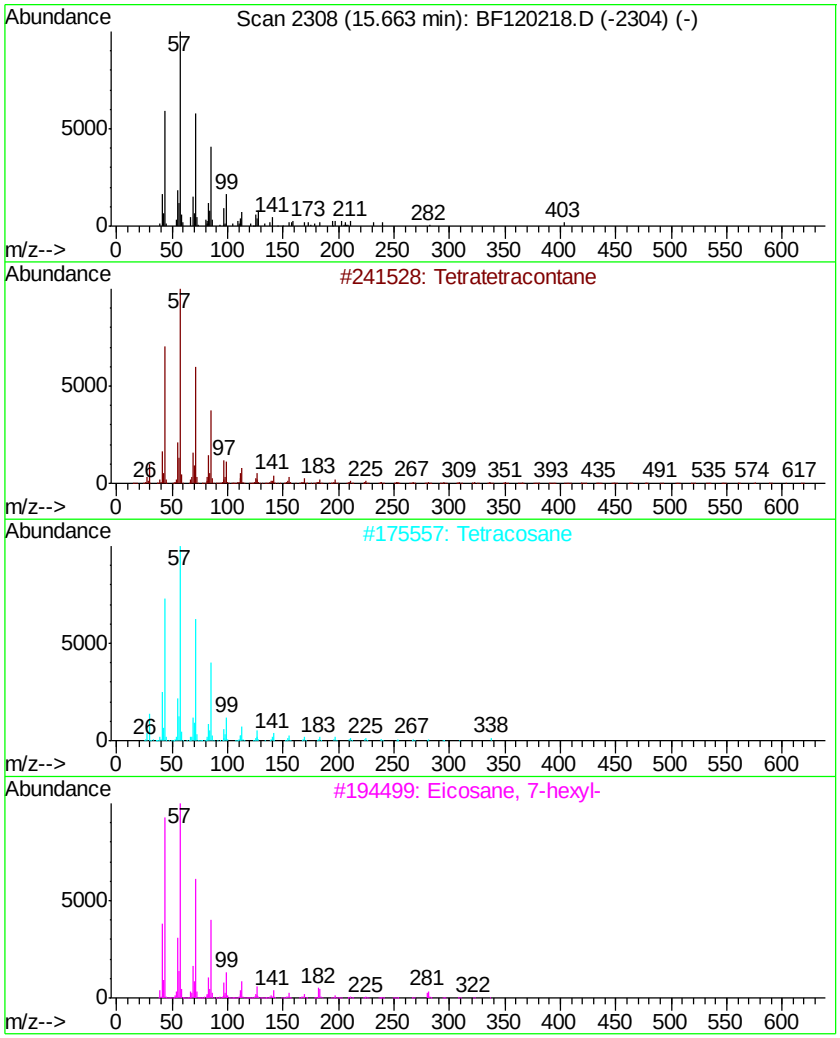
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

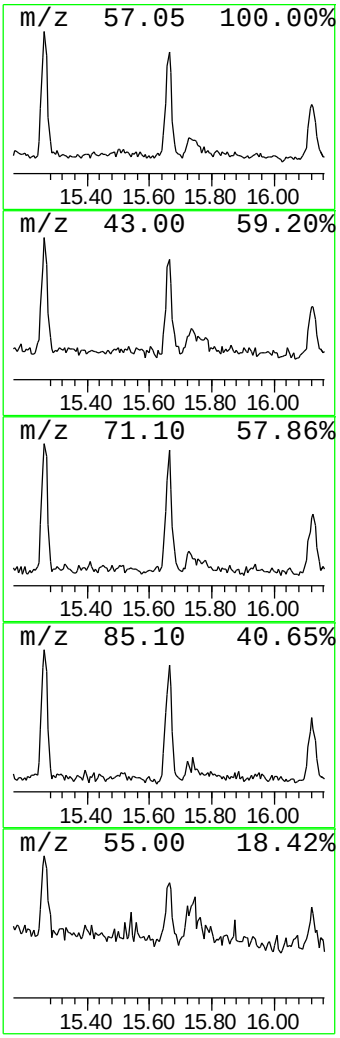
****

Peak Number 8 Tetratetracontane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.66	2.37 ng	94522	Perylene-d12	15.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetratetracontane	619	C44H90	007098-22-8	91
2	Tetracosane	338	C24H50	000646-31-1	91
3	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	90
4	5-Ethyl-5-methylnonadecane	310	C22H46	1000360-42-7	90
5	Octadecane, 2-methyl-	268	C19H40	001560-88-9	90





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042720\
Data File : BF120218.D
Acq On : 27 Apr 2020 14:55
Operator : MA/SJ
Sample : L2407-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RBR-200010

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

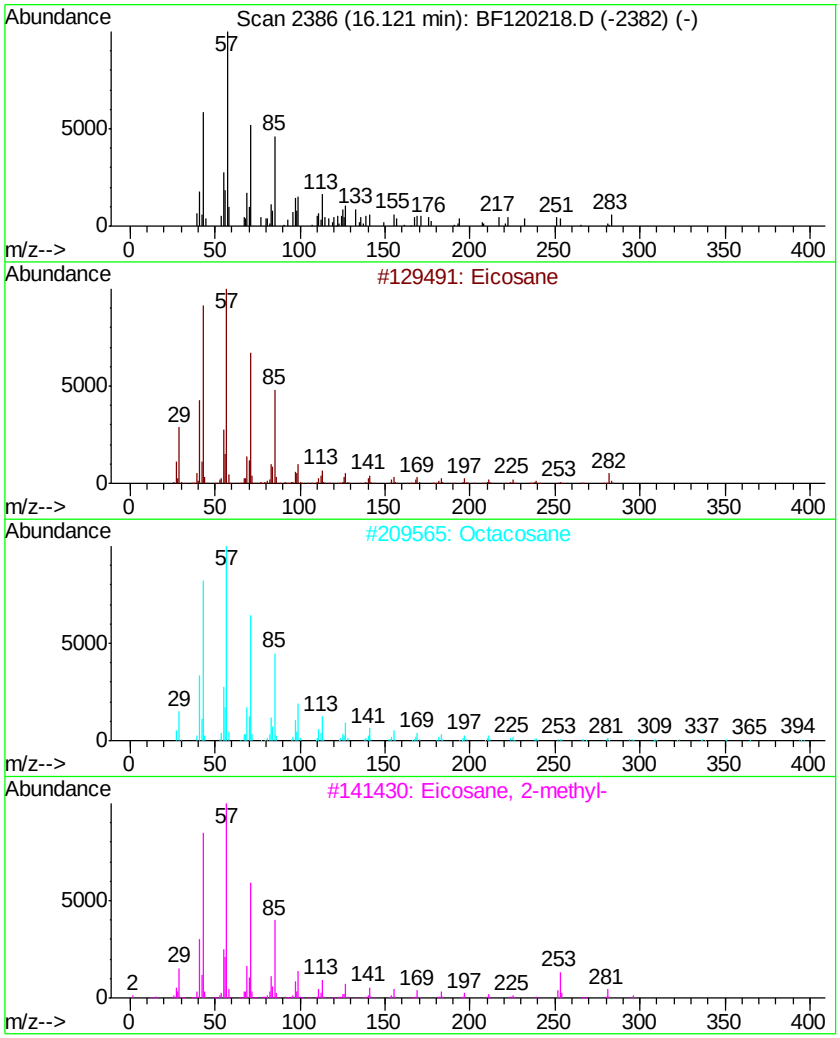
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

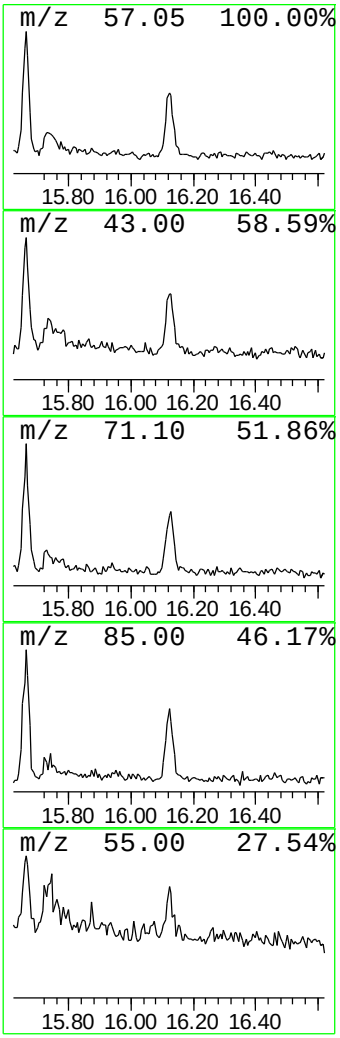
****

Peak Number 9 Eicosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.12	2.38 ng	95134	Perylene-d12	15.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	89
2	Octacosane	394	C28H58	000630-02-4	83
3	Eicosane, 2-methyl-	296	C21H44	001560-84-5	83
4	2-methyloctacosane	408	C29H60	1000376-72-8	80
5	Tetratetracontane	619	C44H90	007098-22-8	80





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF042720\
Data File : BF120218.D
Acq On : 27 Apr 2020 14:55
Operator : MA/SJ
Sample : L2407-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RBR-200010

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040820.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
n-Hexadecanoic acid	11.73	8.5	ng	474732	4	11.19	1116460	20.0
Octadecanoic acid	12.51	3.5	ng	202145	5	13.82	1141150	20.0
Heptafluorobutyri...	13.69	7.2	ng	411998	5	13.82	1141150	20.0
Nonadecane	14.60	3.1	ng	125752	6	15.23	798580	20.0
Benzo[e]pyrene	14.83	2.7	ng	108027	6	15.23	798580	20.0
Tridecane, 1-iodo-	14.91	3.0	ng	119405	6	15.23	798580	20.0
Tetratetracontane	15.66	2.4	ng	94522	6	15.23	798580	20.0
Eicosane	16.12	2.4	ng	95134	6	15.23	798580	20.0