LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031920\
Data File : BF119449.D
Acq On : 19 Mar 2020 20:26
Operator : CG/JU
Sample : L1954-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-11A

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	2.140	5	9	24	rVB	296240	480524	5.68%	0.712%
2	5.075	498	508	514	rBV	92509	139275	1.64%	0.206%
3	5.463	568	574	577	rBV	7780660	7694809	90.88%	11.407%
4	6.469	739	745	748	rBV	7104376	7810267	92.24%	11.579%
5	6.845	806	809	813	rVB	2196744	1958436	23.13%	2.903%
6	7.004	832	836	840	rVB	6516539	6057469	71.54%	8.980%
7	7.410	899	905	908	rBV	5100244	5000530	59.06%	7.413%
8	8.133	1023	1028	1031	rBV	3024868	2593361	30.63%	3.845%
9	9.216	1206	1212	1215	rBV	8710394	8467131	100.00%	12.552%
10	9.604	1274	1278	1281	rBV	641286	505418	5.97%	0.749%
11	9.892	1322	1327	1330	rBV	3363883	2895393	34.20%	4.292%
12	10.680	1455	1461	1464	rBV	5542908	5211842	61.55%	7.726%
13	11.380	1575	1580	1583	rBV	3398829	2848580	33.64%	4.223%
14	11.910	1666	1670	1674	rBV	504242	454786	5.37%	0.674%
15	12.592	1782	1786	1789	rBV	475089	404597	4.78%	0.600%
16	12.692	1800	1803	1810	rBV	185102	228287	2.70%	0.338%
17	12.821	1819	1825	1827	rBV	363360	399925	4.72%	0.593%
18	12.968	1843	1850	1854	rBV	6903482	7080412	83.62%	10.497%
19	13.215	1888	1892	1895	rVB2	84725	112019	1.32%	0.166%
20	13.833	1994	1997	2000	rVB2	139691	141519	1.67%	0.210%
21	13.868	2000	2003	2012	rBV	892876	988809	11.68%	1.466%
22	14.021	2024	2029	2032	rBV	2138093	2100024	24.80%	3.113%
23	14.045	2032	2033	2038	rVB	188501	103749	1.23%	0.154%
24	14.198	2056	2059	2064	rVB2	171311	177243	2.09%	0.263%
25	14.504	2108	2111	2114	rBV	217192	218329	2.58%	0.324%
26	14.651	2133	2136	2139	rBV2	187780	210135	2.48%	0.312%
27	14.809	2160	2163	2168	rVB	211742	237729	2.81%	0.352%
28	15.057	2202	2205	2208	rBV	140471	185447	2.19%	0.275%
29	15.156	2218	2222	2226	rBV2	191459	236540	2.79%	0.351%
30	15.362	2254	2257	2262	rBV	88020	121010	1.43%	0.179%
31	15.421	2264	2267	2272	rVV	144822	213306	2.52%	0.316%
32	15.492	2274	2279	2283	rVV	1452331	1868246	22.06%	2.770%
33	15.539	2285	2287	2291	rVB2	165037	184243	2.18%	0.273%
34	15.980	2360	2362	2366	rVB3	105527	125144	1.48%	0.186%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031920\
Data File : BF119449.D
Acq On : 19 Mar 2020 20:26
Operator : CG/JU
Sample : L1954-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-11A

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

Sum of corrected areas: 67454534

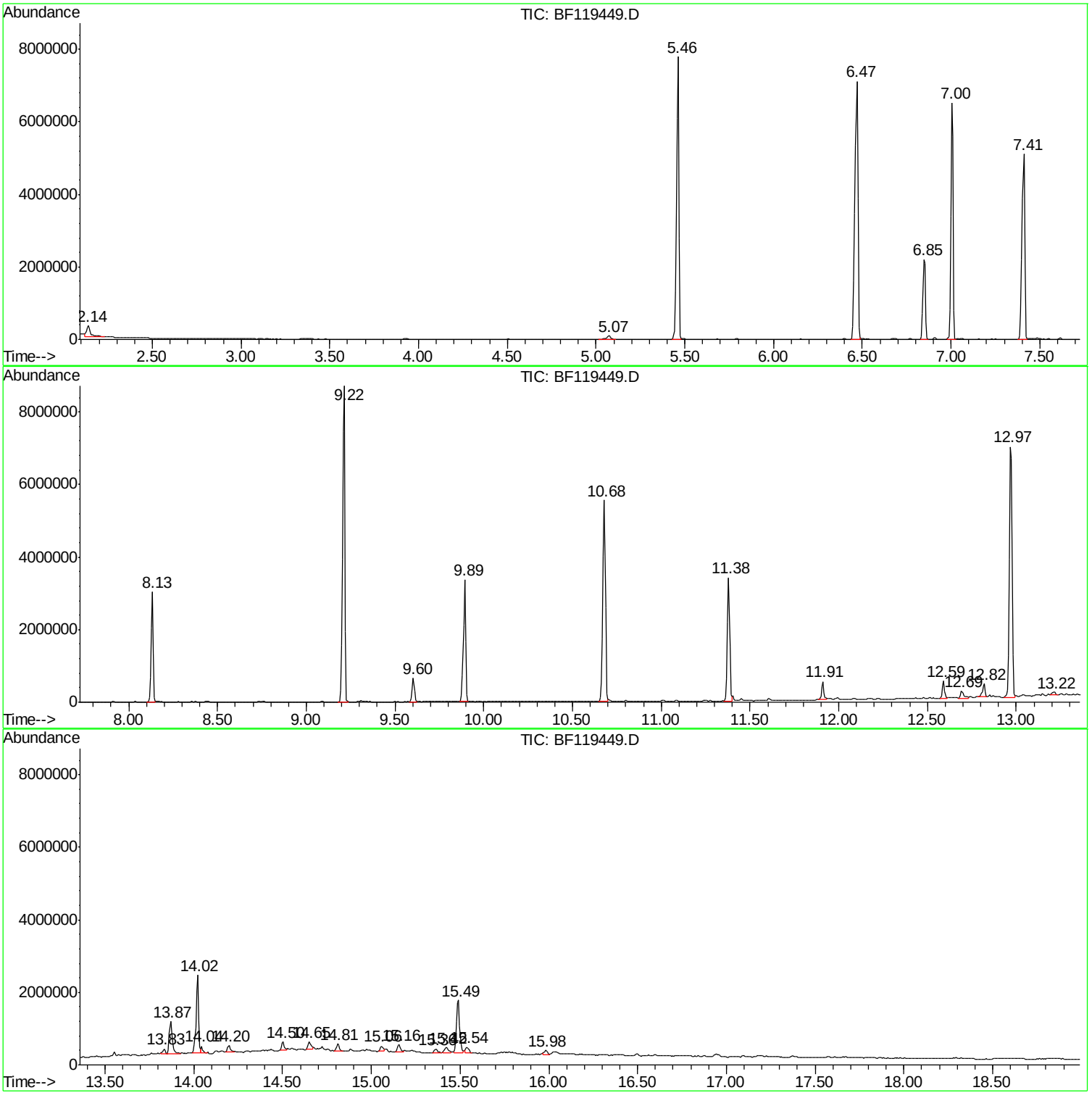
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031920\
Data File : BF119449.D
Acq On : 19 Mar 2020 20:26
Operator : CG/JU
Sample : L1954-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-11A

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\BF031920\
Data File : BF119449.D
Acq On : 19 Mar 2020 20:26
Operator : CG/JU
Sample : L1954-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-11A

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

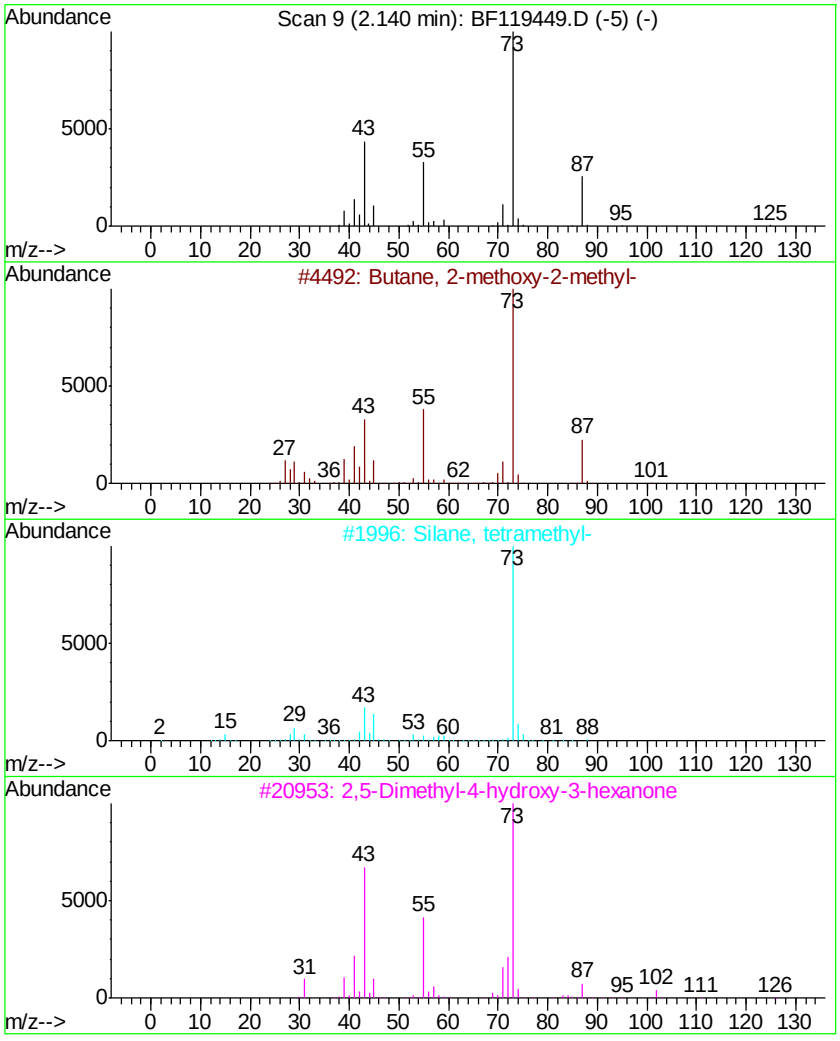
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

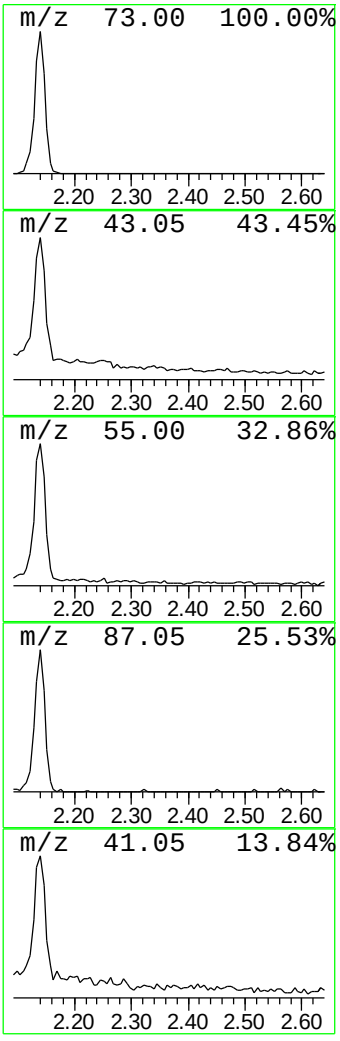
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.14	4.91 ng	480524	1,4-Dichlorobenzene-d4	6.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	72
2	Silane, tetramethyl-	88	C4H12Si	000075-76-3	35
3	2,5-Dimethyl-4-hydroxy-3-hexanone	144	C8H16O2	000815-77-0	28
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031920\
Data File : BF119449.D
Acq On : 19 Mar 2020 20:26
Operator : CG/JU
Sample : L1954-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-11A

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

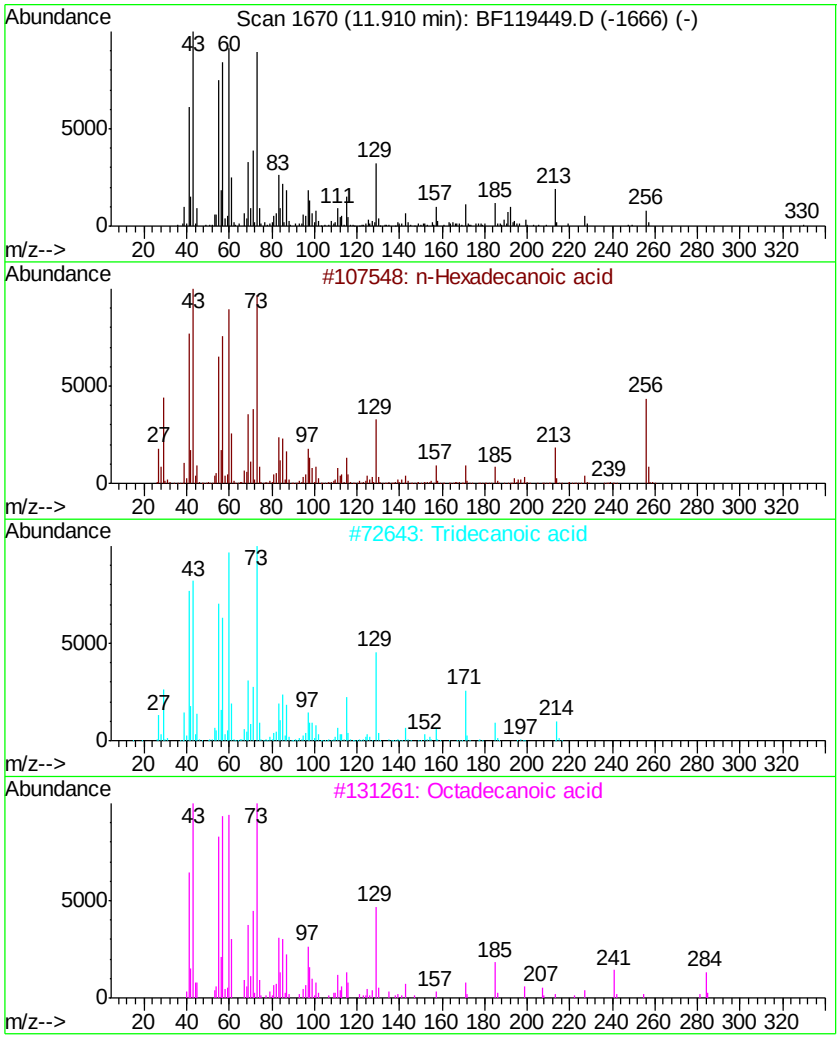
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

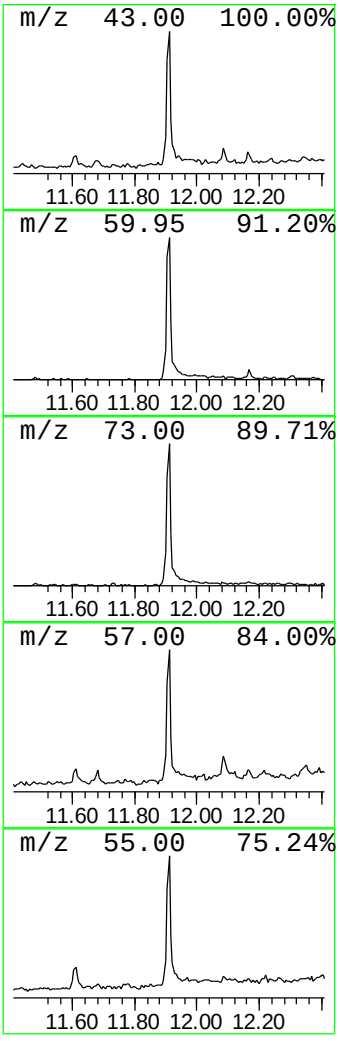
****

Peak Number 3 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.91	3.19 ng	454786	Phenanthrene-d10	11.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2	Tridecanoic acid	214	C13H26O2	000638-53-9	93
3	Octadecanoic acid	284	C18H36O2	000057-11-4	93
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	83
5	n-Decanoic acid	172	C10H20O2	000334-48-5	83





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031920\
Data File : BF119449.D
Acq On : 19 Mar 2020 20:26
Operator : CG/JU
Sample : L1954-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-11A

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

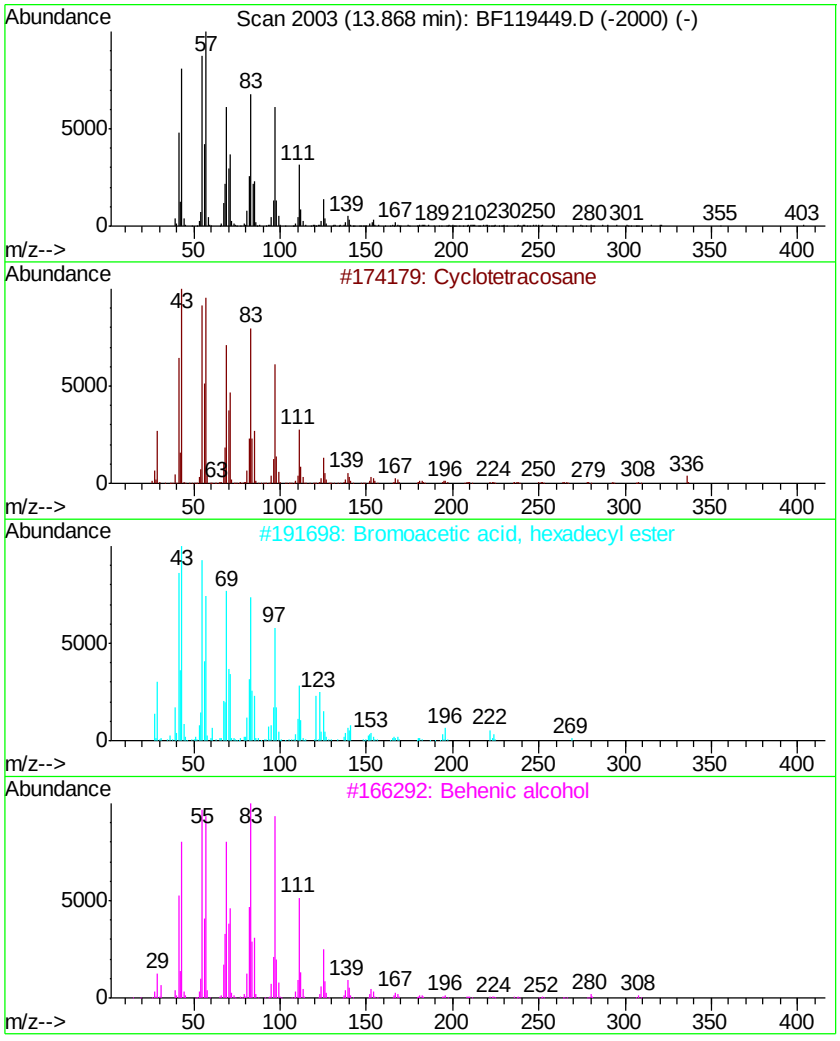
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

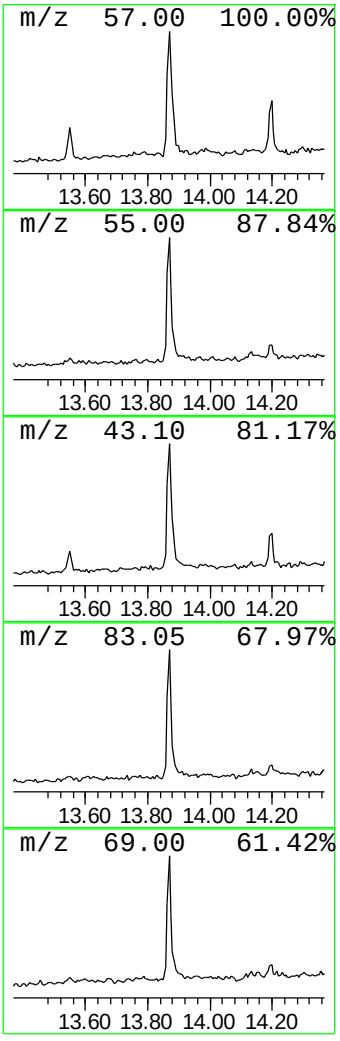
****

Peak Number 4 Cyclotetracosane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.87	9.42 ng	988809	Chrysene-d12	14.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetracosane	336	C24H48	000297-03-0	94
2	Bromoacetic acid, hexadecyl ester	362	C18H35BrO2	005454-48-8	94
3	Behenic alcohol	326	C22H46O	000661-19-8	93
4	1-Heneicosanol	312	C21H44O	015594-90-8	91
5	n-Heptadecanol-1	256	C17H36O	001454-85-9	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031920\
Data File : BF119449.D
Acq On : 19 Mar 2020 20:26
Operator : CG/JU
Sample : L1954-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-11A

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

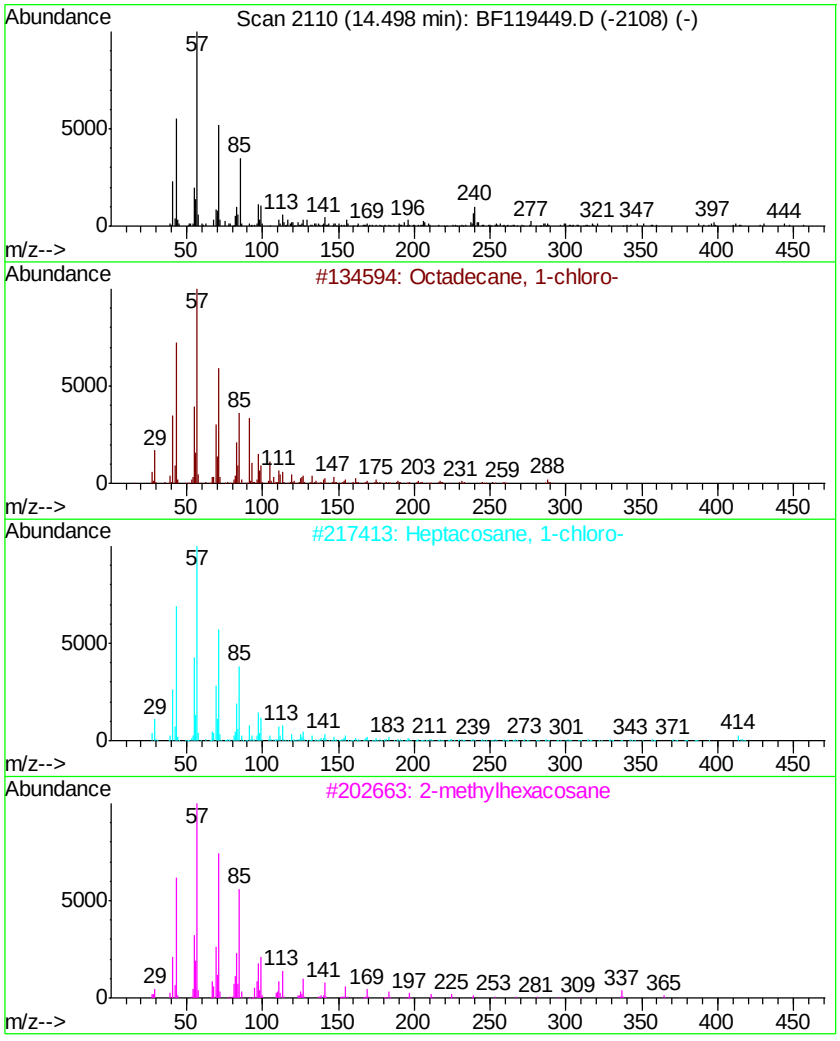
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

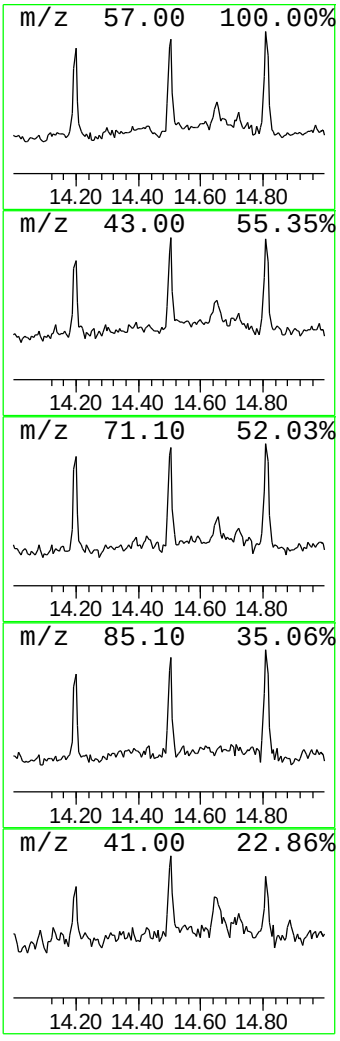
****

Peak Number 5 Octadecane, 1-chloro- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.50	2.08 ng	218329	Chrysene-d12	14.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane, 1-chloro-	288	C18H37Cl	003386-33-2	87
2	Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	86
3	2-methylhexacosane	380	C27H56	1000376-72-7	86
4	Tetratetracontane	619	C44H90	007098-22-8	72
5	Heptadecane	240	C17H36	000629-78-7	70





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031920\
Data File : BF119449.D
Acq On : 19 Mar 2020 20:26
Operator : CG/JU
Sample : L1954-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-11A

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

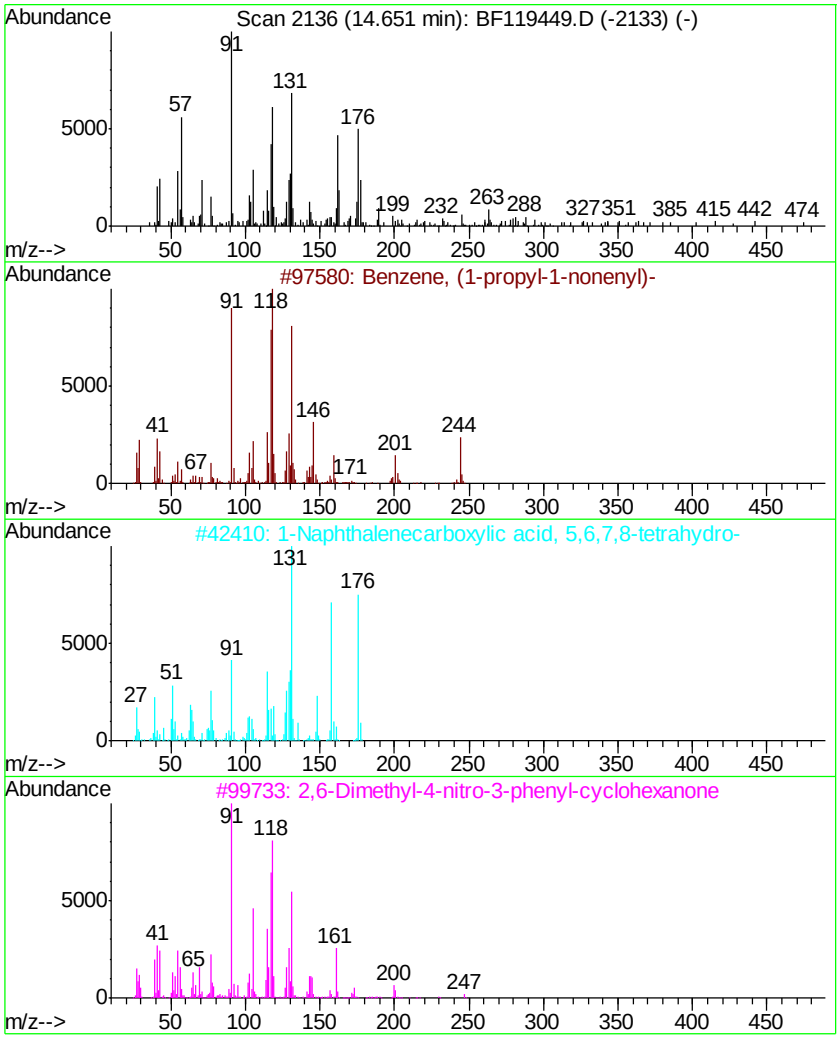
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

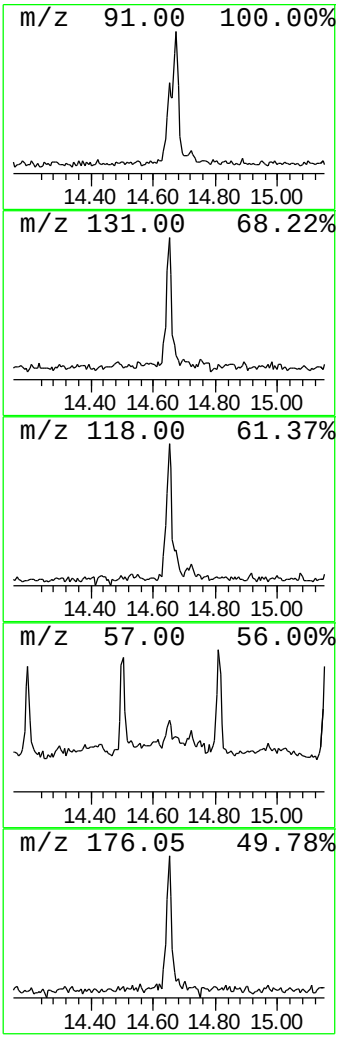
****

Peak Number 6 unknown14.65 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.65	2.00 ng	210135	Chrysene-d12	14.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-propyl-1-nonenyl)-	244	C18H28	054986-39-9	38
2	1-Naphthalenecarboxylic acid, 5,...	176	C11H12O2	004242-18-6	30
3	2,6-Dimethyl-4-nitro-3-phenyl-cy...	247	C14H17NO3	101328-12-5	30
4	trans-2-Phenyl-1-cyclohexanol	176	C12H16O	002362-61-0	27
5	Benzene, 1,3-bis(1-buten-3-yl-)-	186	C14H18	158117-62-5	25





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031920\
Data File : BF119449.D
Acq On : 19 Mar 2020 20:26
Operator : CG/JU
Sample : L1954-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-11A

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

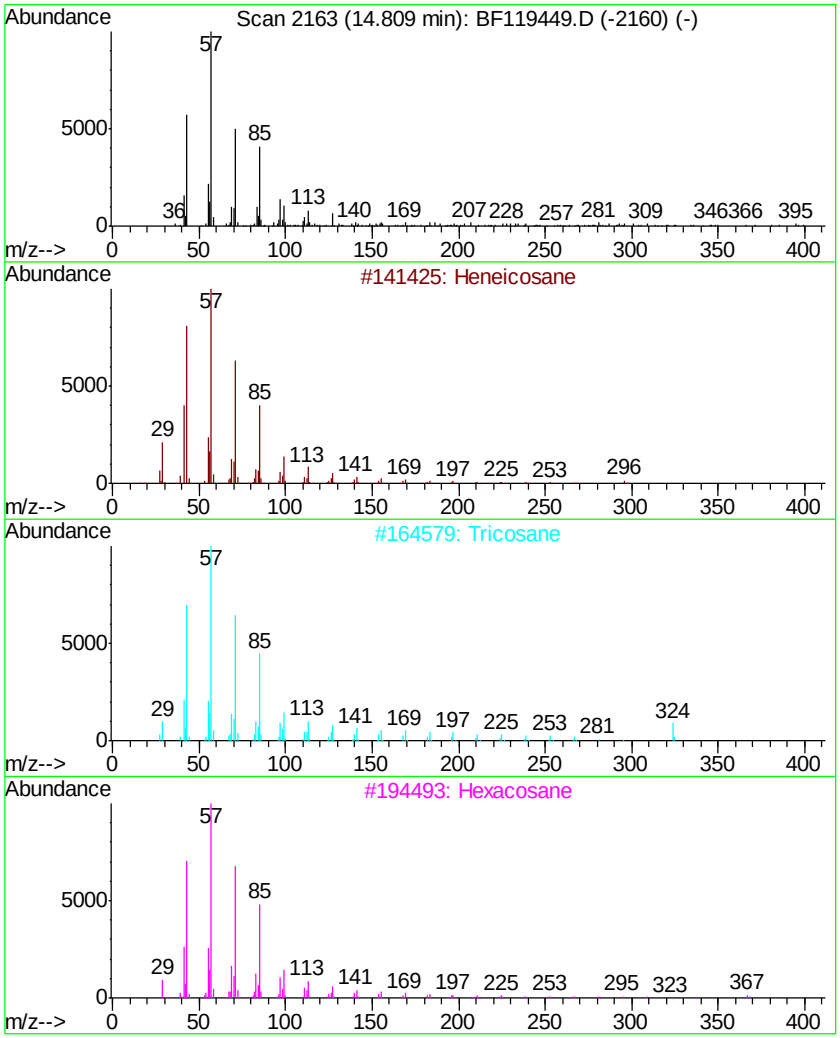
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

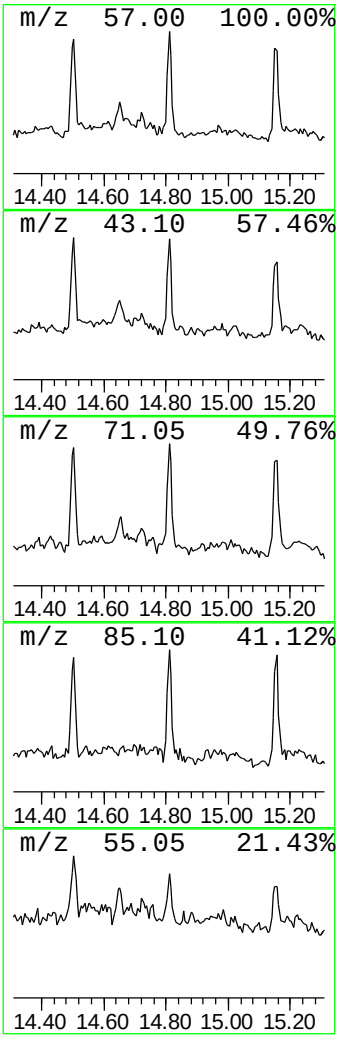
****

Peak Number 7 Heneicosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.81	2.54 ng	237729	Perylene-d12	15.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	92
2	Tricosane	324	C23H48	000638-67-5	87
3	Hexacosane	366	C26H54	000630-01-3	87
4	Heptacosane	380	C27H56	000593-49-7	86
5	Nonadecane	268	C19H40	000629-92-5	81





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031920\
Data File : BF119449.D
Acq On : 19 Mar 2020 20:26
Operator : CG/JU
Sample : L1954-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-11A

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

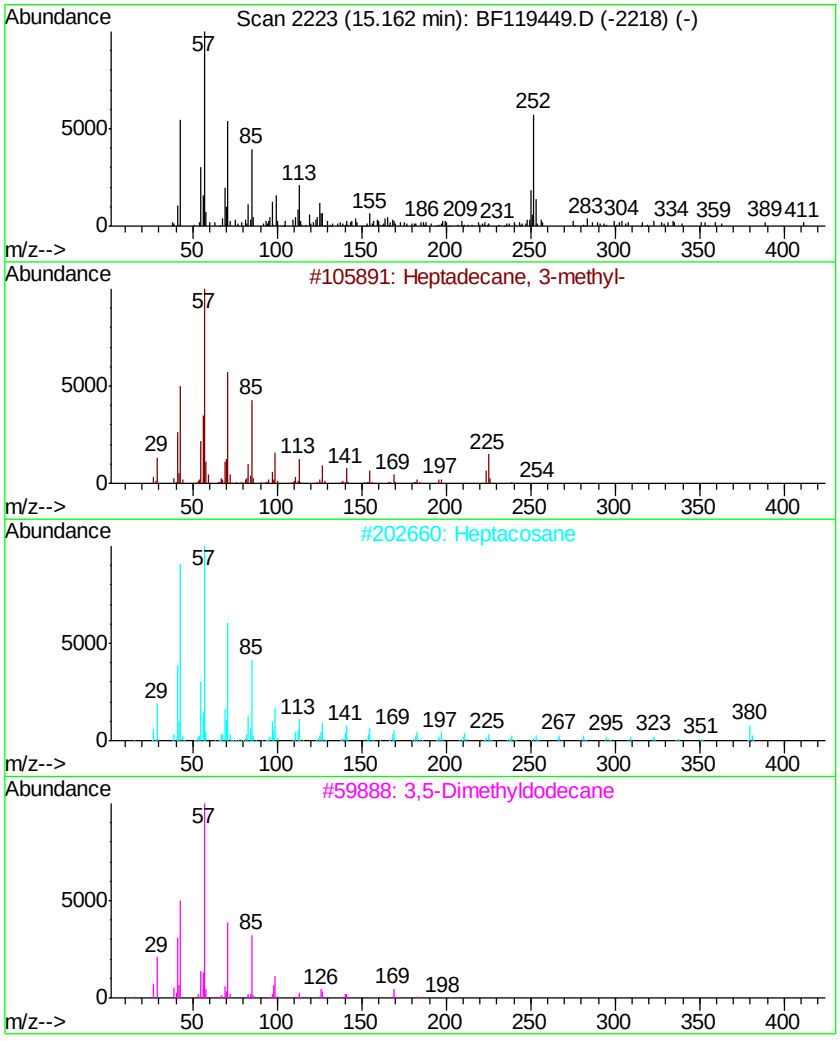
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

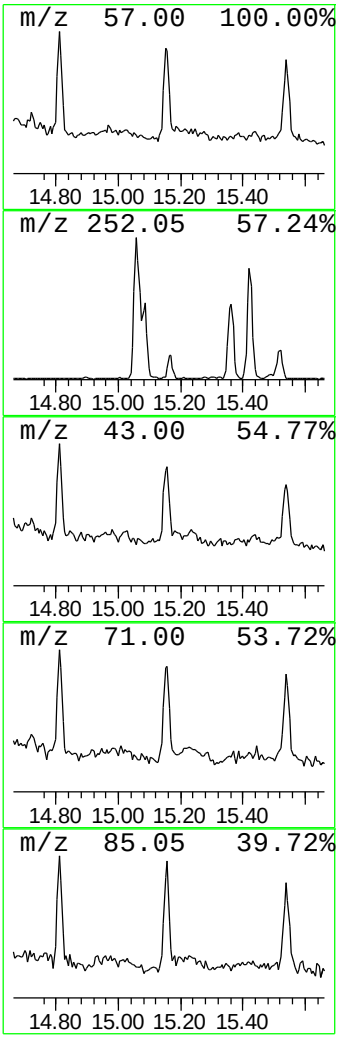
****

Peak Number 8 Heptadecane, 3-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.16	2.53 ng	236540	Perylene-d12	15.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 3-methyl-	254	C18H38	006418-44-6	90
2	Heptacosane	380	C27H56	000593-49-7	87
3	3,5-Dimethyldodecane	198	C14H30	107770-99-0	76
4	Hexacosane	366	C26H54	000630-01-3	74
5	Pentacosane	352	C25H52	000629-99-2	64





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031920\
Data File : BF119449.D
Acq On : 19 Mar 2020 20:26
Operator : CG/JU
Sample : L1954-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-11A

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

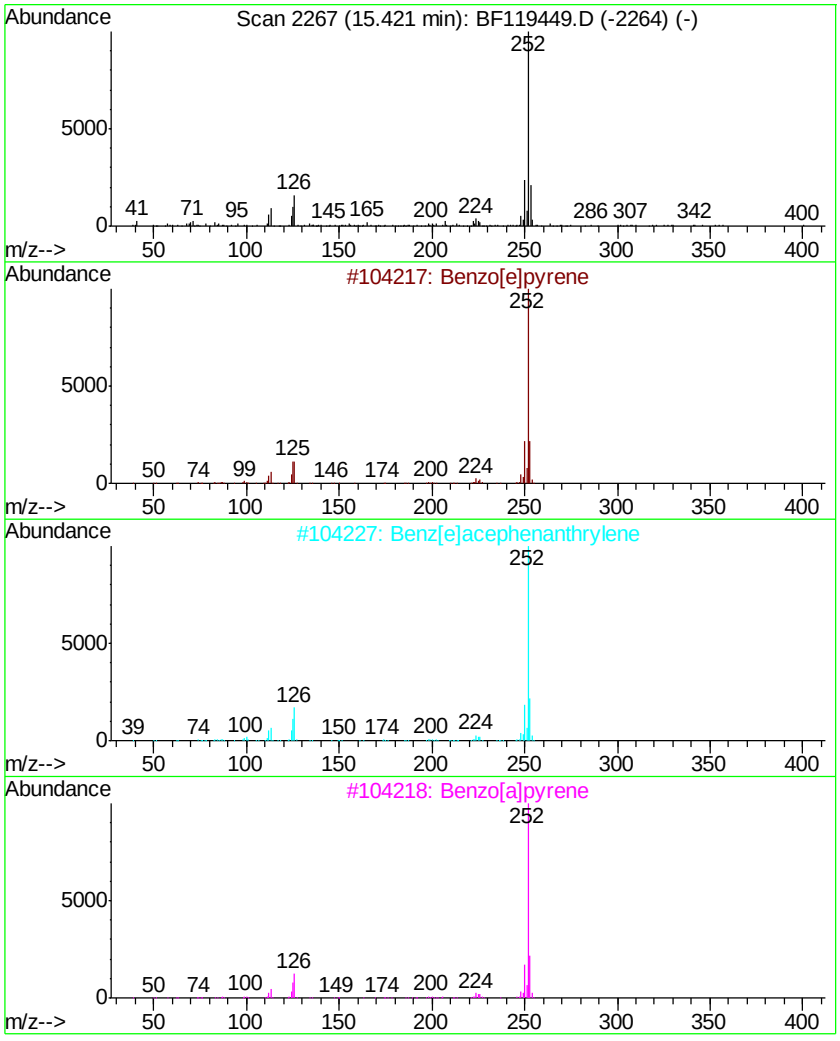
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

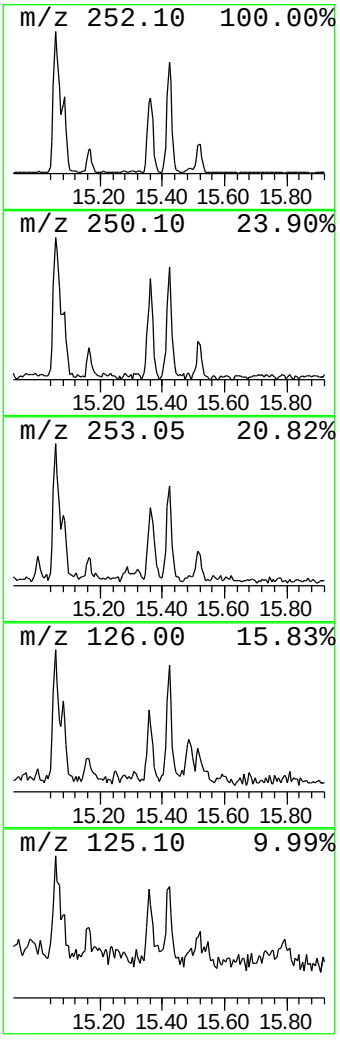
****

Peak Number 9 Benzo[e]pyrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.42	2.28 ng	213306	Perylene-d12	15.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	98
3	Benzo[a]pyrene	252	C20H12	000050-32-8	96
4	Perylene	252	C20H12	000198-55-0	93
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF031920\
Data File : BF119449.D
Acq On : 19 Mar 2020 20:26
Operator : CG/JU
Sample : L1954-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-11A

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
Butane, 2-methoxy...	2.14	4.9	ng	480524	1	6.85	1958440	20.0
n-Hexadecanoic acid	11.91	3.2	ng	454786	4	11.38	2848580	20.0
Cyclotetracosane	13.87	9.4	ng	988809	5	14.02	2100020	20.0
Octadecane, 1-chl...	14.50	2.1	ng	218329	5	14.02	2100020	20.0
unknown14.65	14.65	2.0	ng	210135	5	14.02	2100020	20.0
Heneicosane	14.81	2.5	ng	237729	6	15.49	1868250	20.0
Heptadecane, 3-me...	15.16	2.5	ng	236540	6	15.49	1868250	20.0
Benzo[e]pyrene	15.42	2.3	ng	213306	6	15.49	1868250	20.0