LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062918\
Data File : BF106971.D
Acq On : 29 Jun 2018 14:25
Operator : JU/SJ
Sample : J3677-11
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 147-149-B3(0-5)

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-BF061918.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	5.195	482	486	499	rBV	129948	160033	9.73%	0.943%
2	5.595	550	554	567	rBV	1420762	1331104	80.90%	7.846%
3	6.601	720	725	740	rVB	1277819	1413236	85.90%	8.330%
4	6.731	743	747	750	rBV	1582645	1415082	86.01%	8.341%
5	6.954	781	785	788	rBV	480942	414176	25.17%	2.441%
6	7.107	807	811	815	rBV	1272103	1128210	68.57%	6.650%
7	7.519	876	881	884	rBV	977019	890425	54.12%	5.248%
8	8.236	999	1003	1015	rBV	610693	534300	32.47%	3.149%
9	9.307	1181	1185	1189	rBV	1799324	1645299	100.00%	9.698%
10	9.701	1248	1252	1258	rVB	227022	190889	11.60%	1.125%
11	9.901	1283	1286	1289	rBV	41194	34219	2.08%	0.202%
12	9.995	1298	1302	1306	rBV	658374	571355	34.73%	3.368%
13	10.401	1369	1371	1374	rVB	62010	43288	2.63%	0.255%
14	10.619	1404	1408	1411	rBV	16558	18736	1.14%	0.110%
15	10.789	1433	1437	1440	rBV	1135131	1021230	62.07%	6.019%
16	10.877	1448	1452	1456	rBV	47028	50223	3.05%	0.296%
17	10.989	1468	1471	1474	rVB2	14298	18691	1.14%	0.110%
18	11.324	1525	1528	1531	rBV2	29035	23503	1.43%	0.139%
19	11.489	1552	1556	1558	rBV	641728	554410	33.70%	3.268%
20	11.513	1558	1560	1563	rVB	112577	90507	5.50%	0.533%
21	11.919	1620	1629	1632	rBV3	12557	17900	1.09%	0.106%
22	12.019	1643	1646	1650	rVB2	29178	25459	1.55%	0.150%
23	12.101	1657	1660	1663	rBV2	26060	31074	1.89%	0.183%
24	12.283	1687	1691	1694	rBV	21743	20200	1.23%	0.119%
25	12.495	1724	1727	1731	rVB2	27249	25412	1.54%	0.150%
26	12.536	1731	1734	1738	rBV2	29840	32290	1.96%	0.190%
27	12.630	1746	1750	1754	rBV4	14720	17461	1.06%	0.103%
28	12.707	1759	1763	1766	rVB	213704	191381	11.63%	1.128%
29	12.918	1795	1799	1800	rBV2	39447	46027	2.80%	0.271%
30	12.936	1800	1802	1807	rVB	196762	166349	10.11%	0.981%
31	13.071	1820	1825	1828	rBV	1747191	1549746	94.19%	9.135%
32	13.154	1835	1839	1843	rBV3	17163	27034	1.64%	0.159%
33	13.260	1849	1857	1862	rBV3	47412	113162	6.88%	0.667%
34	13.330	1867	1869	1872	rVV	27436	25136	1.53%	0.148%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062918\
Data File : BF106971.D
Acq On : 29 Jun 2018 14:25
Operator : JU/SJ
Sample : J3677-11
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 147-149-B3(0-5)

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-BF061918.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	13.371	1872	1876	1878	rVB2	19446	23416	1.42%	0.138%
36	13.536	1902	1904	1909	rVB	29030	27164	1.65%	0.160%
37	13.748	1936	1940	1943	rBV5	12646	21037	1.28%	0.124%
38	13.783	1943	1946	1950	rVB	21763	23782	1.45%	0.140%
39	13.889	1961	1964	1967	rBV2	34847	38174	2.32%	0.225%
40	13.954	1970	1975	1977	rVV3	102657	144761	8.80%	0.853%
41	13.989	1978	1981	1992	rVB5	106059	284148	17.27%	1.675%
42	14.148	2003	2008	2010	rBV2	568552	636771	38.70%	3.753%
43	14.171	2010	2012	2016	rVB	115510	92886	5.65%	0.548%
44	14.265	2018	2028	2041	rVB3	352127	1093020	66.43%	6.443%
45	14.995	2150	2152	2156	rVB2	34816	33268	2.02%	0.196%
46	15.071	2163	2165	2169	rVB	42722	46098	2.80%	0.272%
47	15.236	2190	2193	2196	rBV	87698	117391	7.13%	0.692%
48	15.559	2245	2248	2255	rVB	67061	93168	5.66%	0.549%
49	15.630	2257	2260	2264	rVB	64154	80267	4.88%	0.473%
50	15.695	2267	2271	2275	rVV	301765	372534	22.64%	2.196%

Sum of corrected areas: 16965432

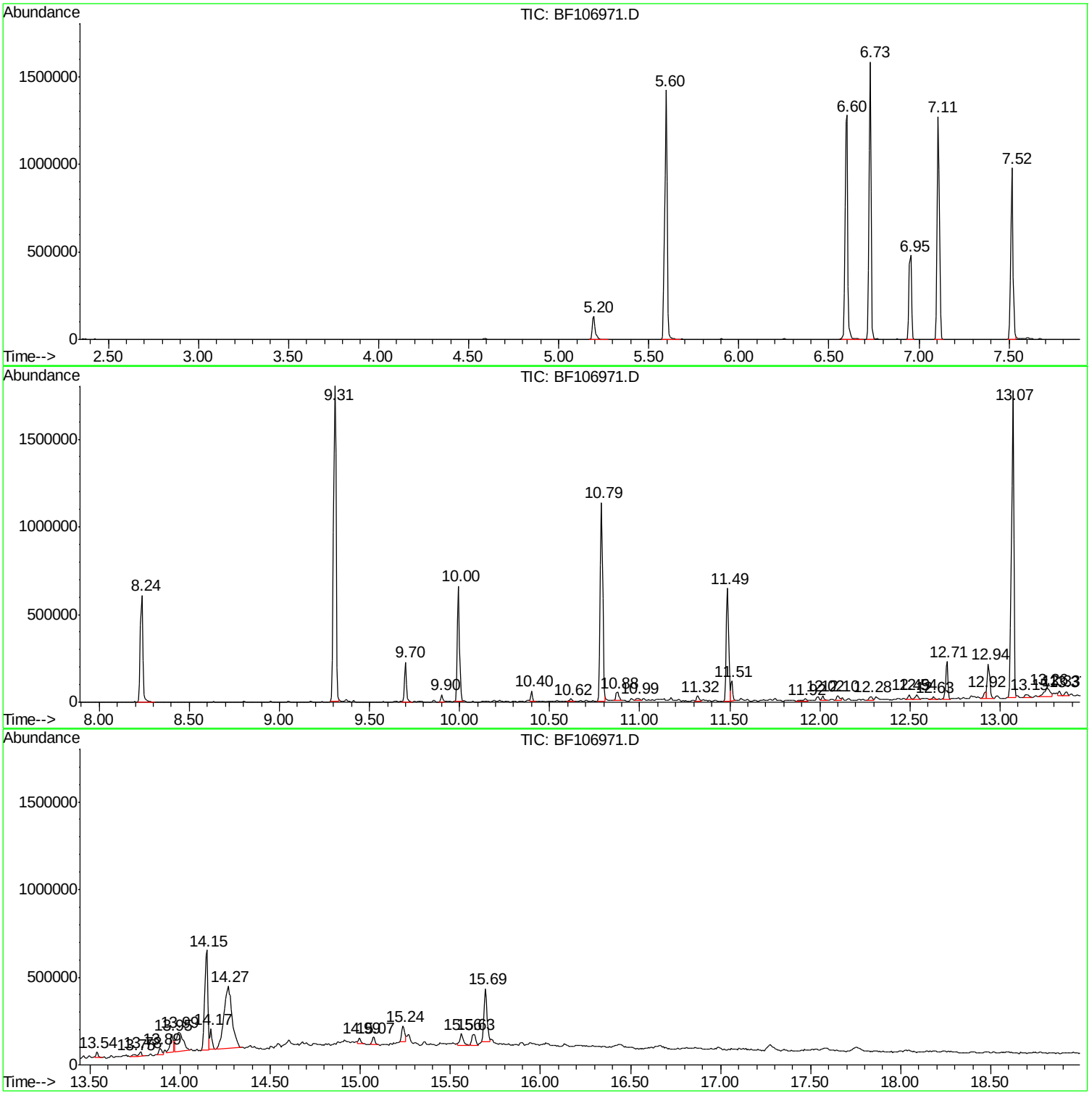
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062918\
Data File : BF106971.D
Acq On : 29 Jun 2018 14:25
Operator : JU/SJ
Sample : J3677-11
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
147-149-B3(0-5)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.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\BF062918\
Data File : BF106971.D
Acq On : 29 Jun 2018 14:25
Operator : JU/SJ
Sample : J3677-11
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 147-149-B3(0-5)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

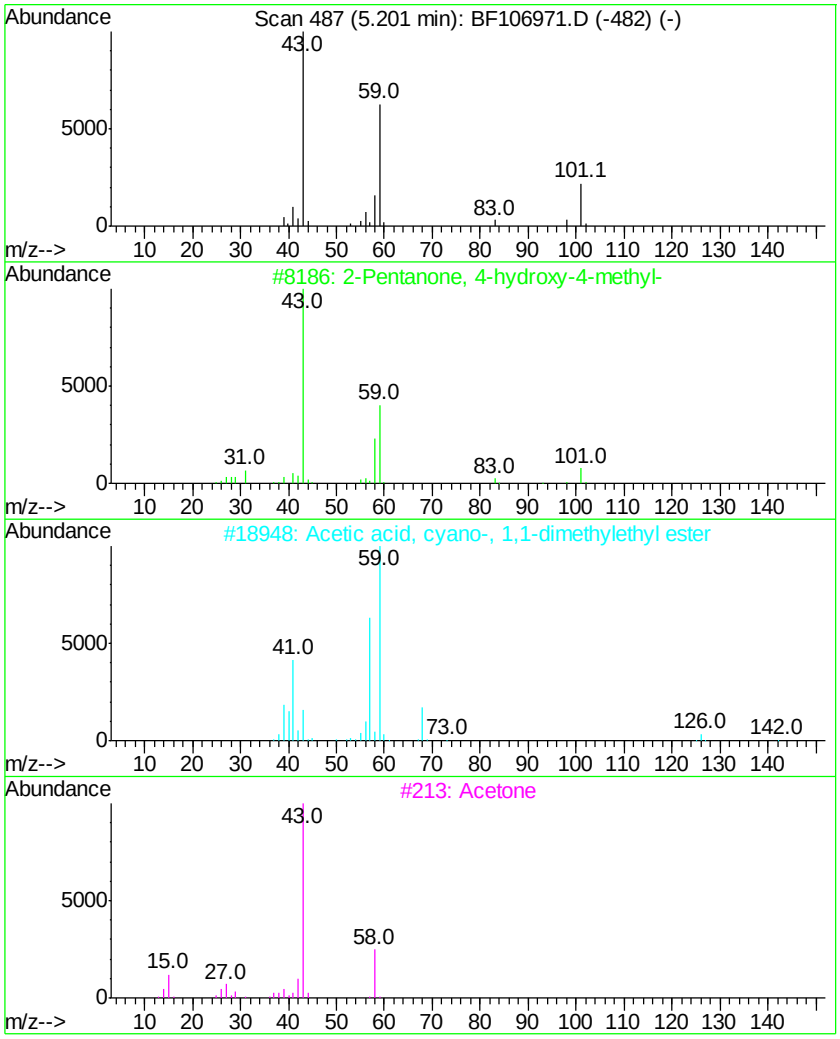
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

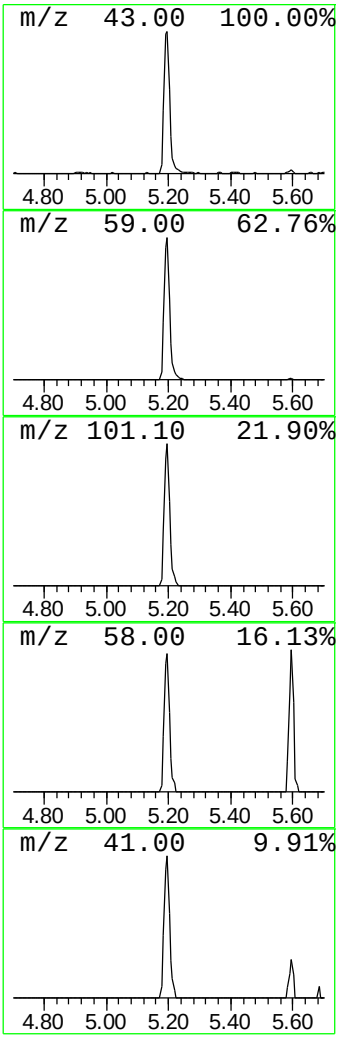
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.20	7.73 ng	160033	1,4-Dichlorobenzene-d4	6.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
3	Acetone	58	C3H6O	000067-64-1	9
4	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9
5	5-Hexen-2-one	98	C6H10O	000109-49-9	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062918\
Data File : BF106971.D
Acq On : 29 Jun 2018 14:25
Operator : JU/SJ
Sample : J3677-11
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 147-149-B3(0-5)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

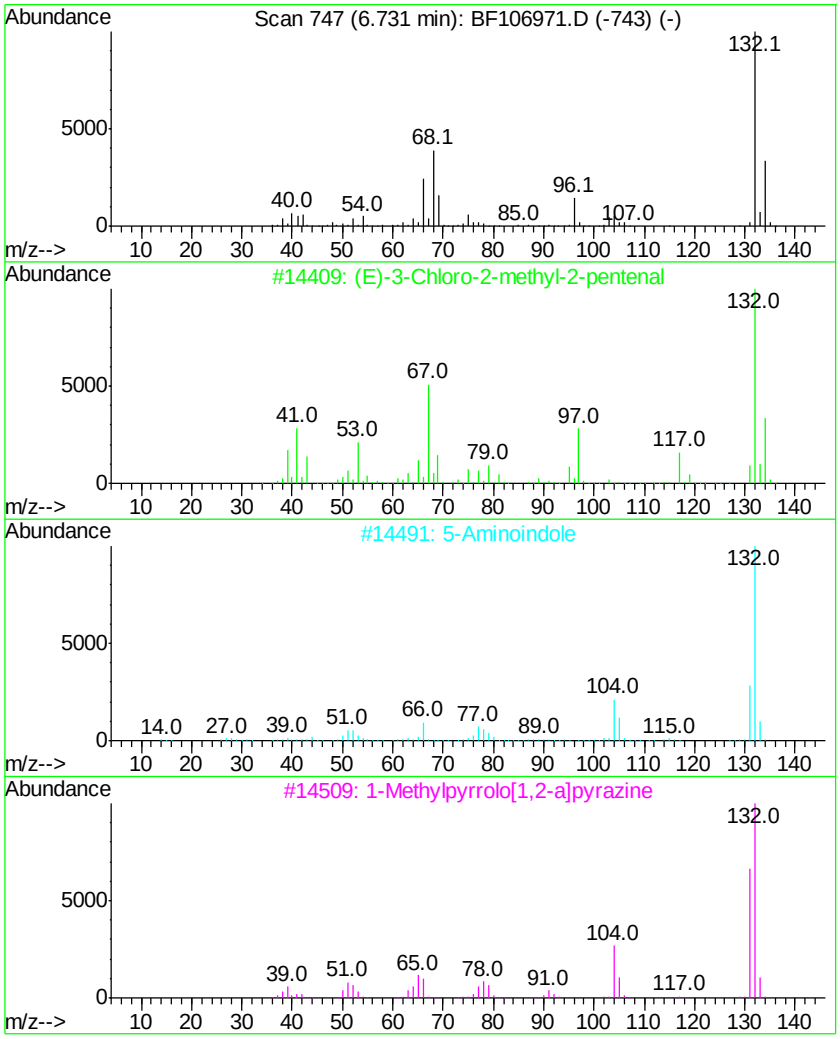
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

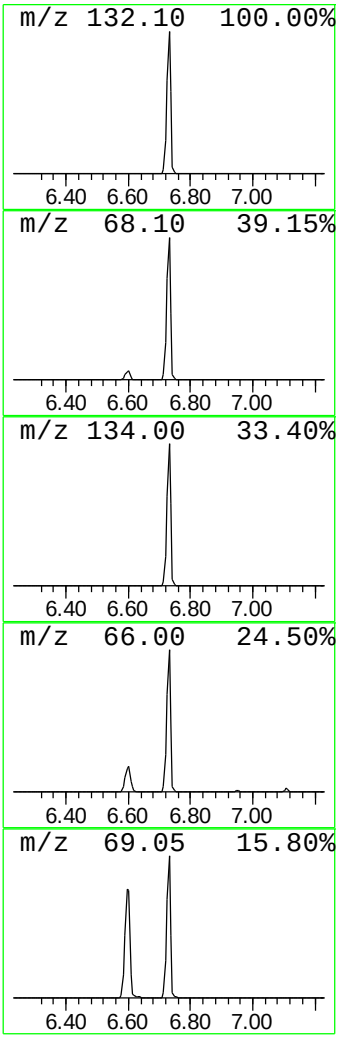
****

Peak Number 2 unknown6.73 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.73	68.33 ng	1415080	1,4-Dichlorobenzene-d4	6.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
2	5-Aminoindole	132	C8H8N2	005192-03-0	12
3	1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9
4	4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9
5	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062918\
Data File : BF106971.D
Acq On : 29 Jun 2018 14:25
Operator : JU/SJ
Sample : J3677-11
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 147-149-B3(0-5)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

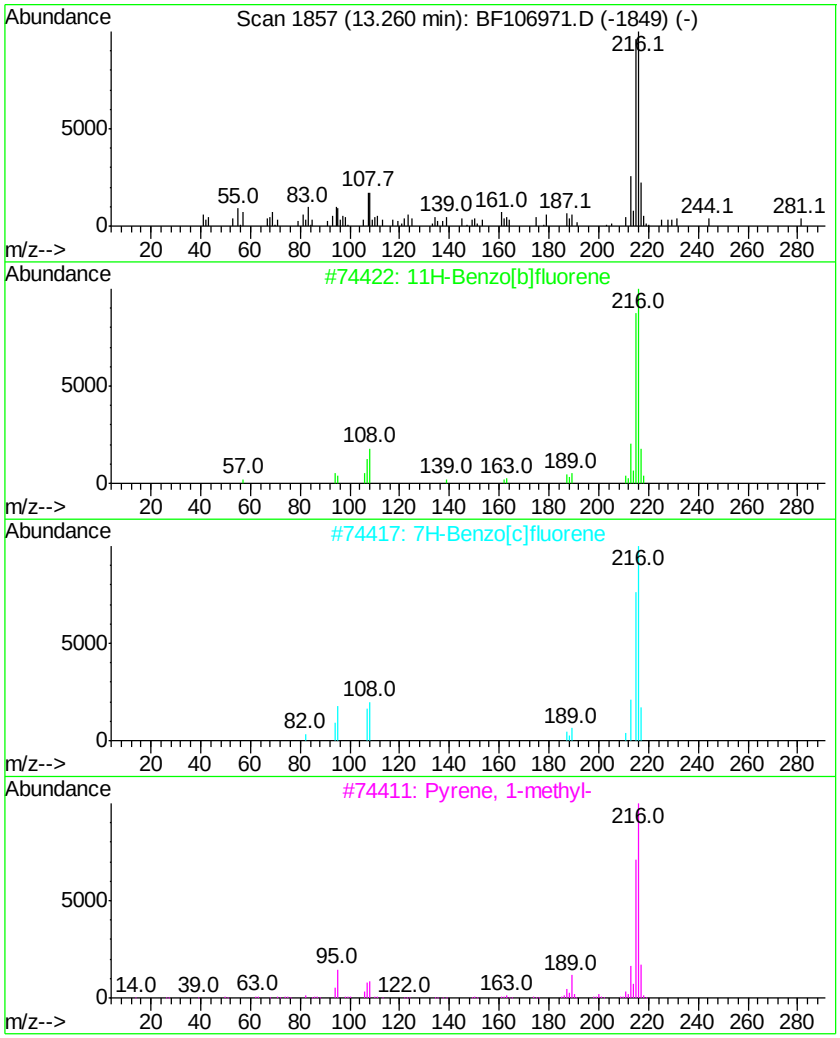
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

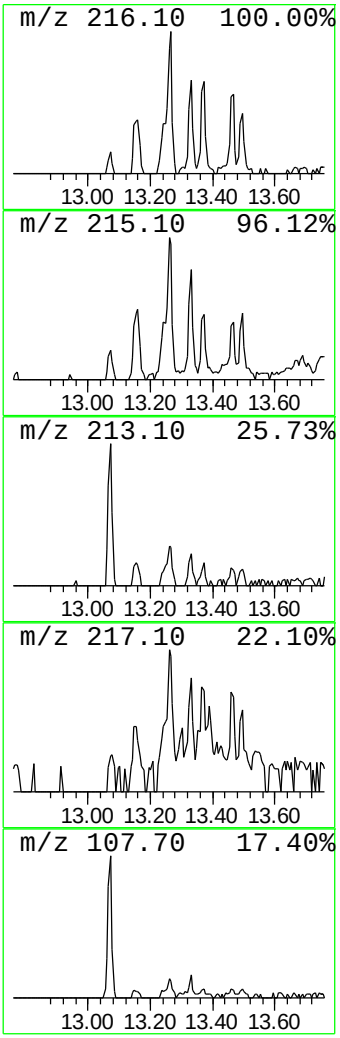
****

Peak Number 4 11H-Benzo[b]fluorene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.26	3.55 ng	113162	Chrysene-d12	14.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	96
2	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	91
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	83





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062918\
Data File : BF106971.D
Acq On : 29 Jun 2018 14:25
Operator : JU/SJ
Sample : J3677-11
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 147-149-B3(0-5)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

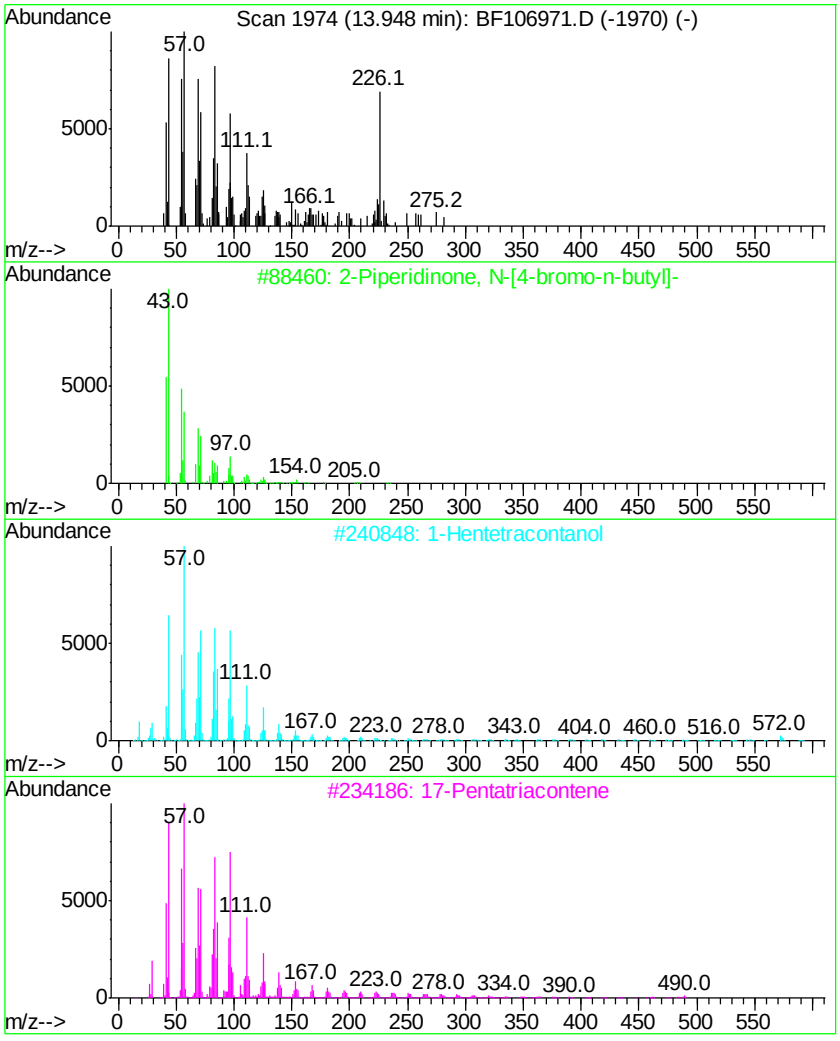
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

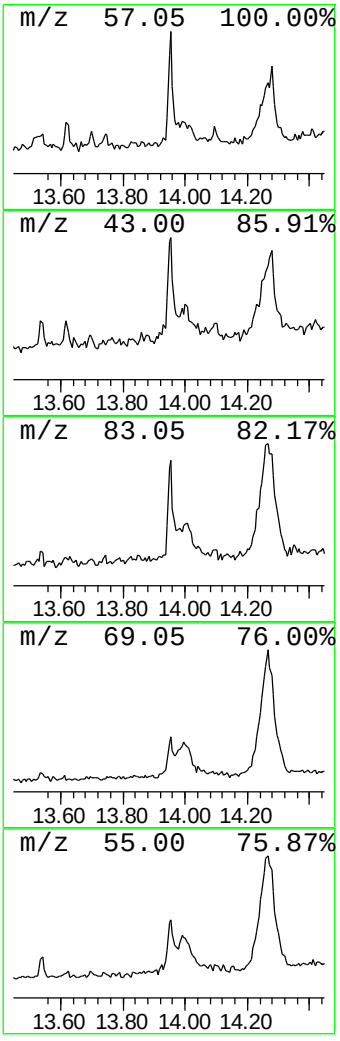
****

Peak Number 5 2-Piperidinone, N-[4-bromo-... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.95	4.55 ng	144761	Chrysene-d12	14.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Piperidinone, N-[4-bromo-n-but...	233	C9H16BrNO	195194-80-0	78
2	1-Hentetracontanol	593	C41H84O	040710-42-7	76
3	17-Pentatriacontene	491	C35H70	006971-40-0	76
4	Hexacosyl pentafluoropropionate	528	C29H53F5O2	1000351-81-2	64
5	Tricosyl pentafluoropropionate	486	C26H47F5O2	1000351-81-0	64





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062918\
Data File : BF106971.D
Acq On : 29 Jun 2018 14:25
Operator : JU/SJ
Sample : J3677-11
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 147-149-B3(0-5)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

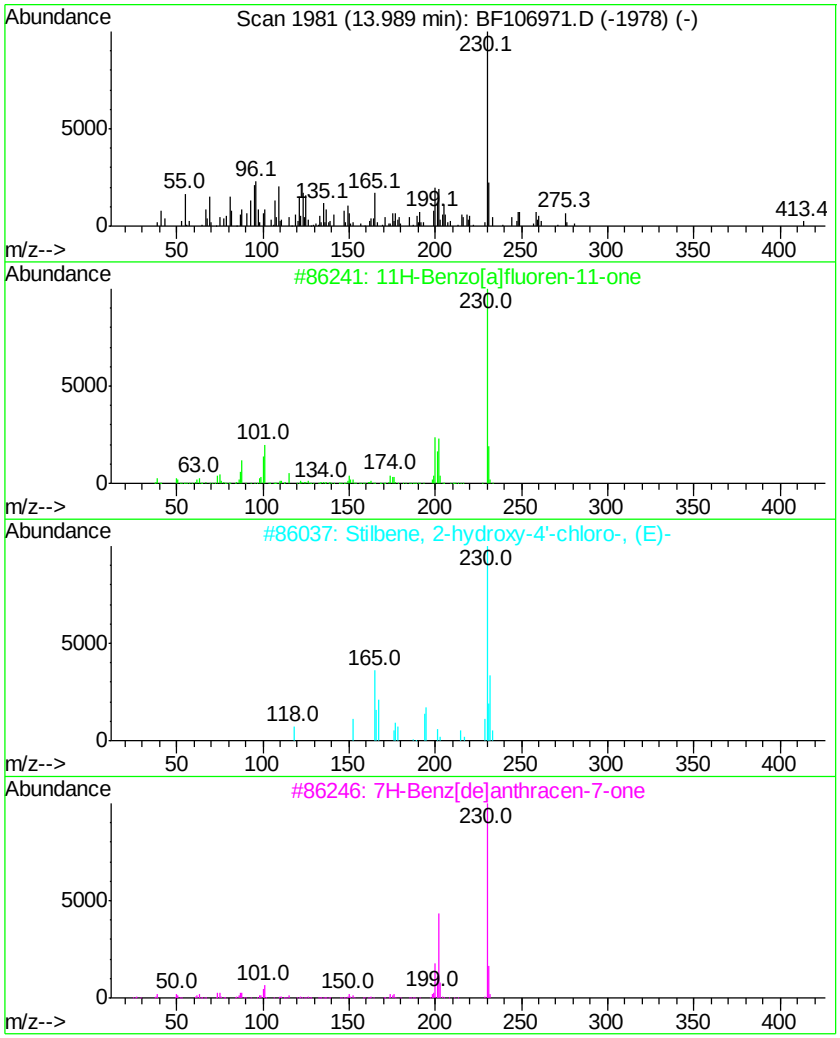
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

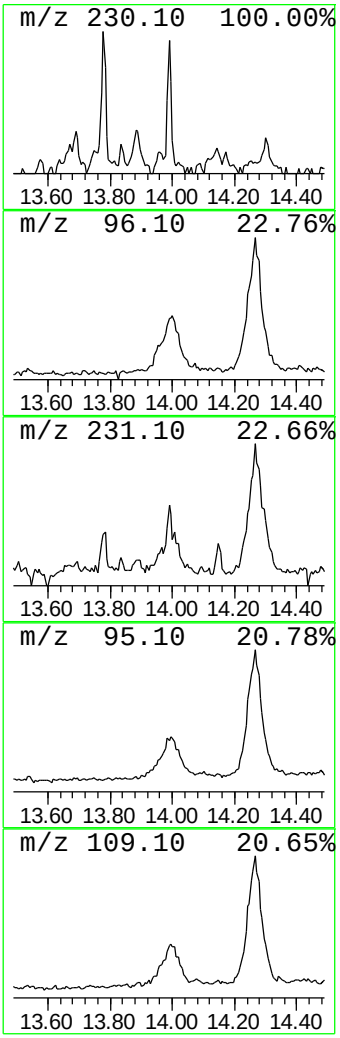
****

Peak Number 6 11H-Benzo[a]fluoren-11-one Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.99	8.92 ng	284148	Chrysene-d12	14.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	64
2	Stilbene, 2-hydroxy-4'-chloro-, ...	230	C14H11ClO	1000138-48-2	50
3	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	49
4	(E)-.alpha.,.alpha.'-Dicyanostil...	230	C16H10N2	002450-55-7	46
5	6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	43





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062918\
Data File : BF106971.D
Acq On : 29 Jun 2018 14:25
Operator : JU/SJ
Sample : J3677-11
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 147-149-B3(0-5)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

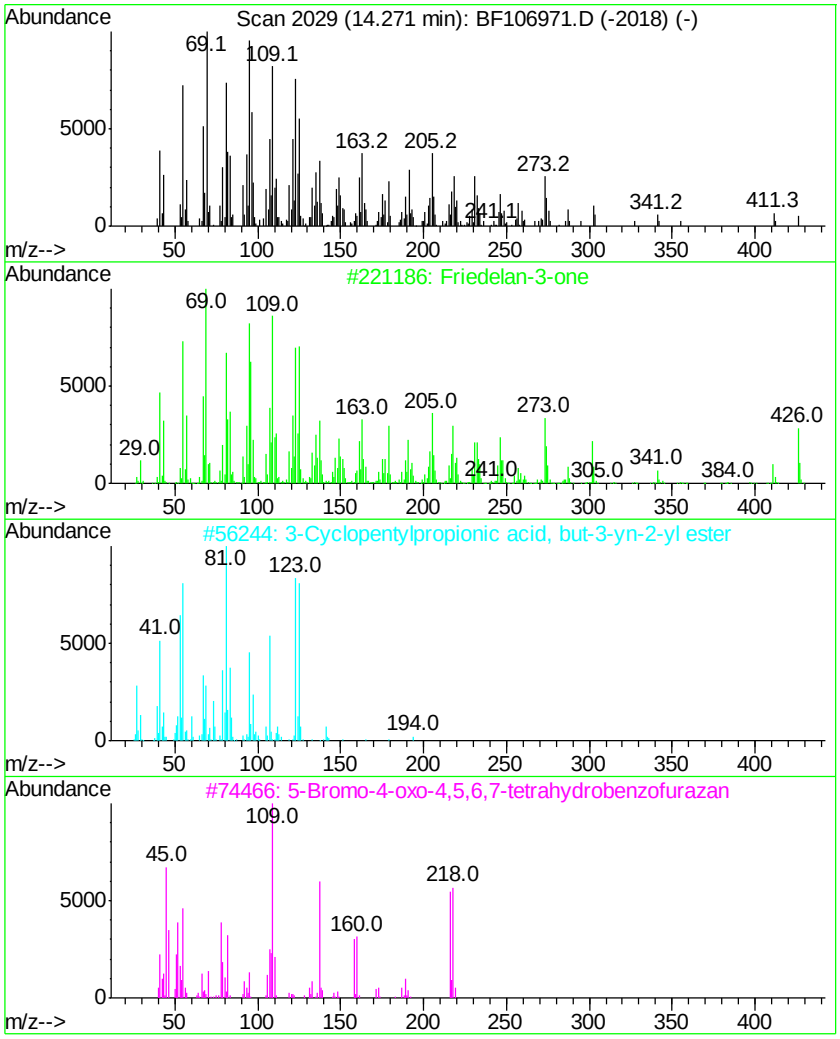
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

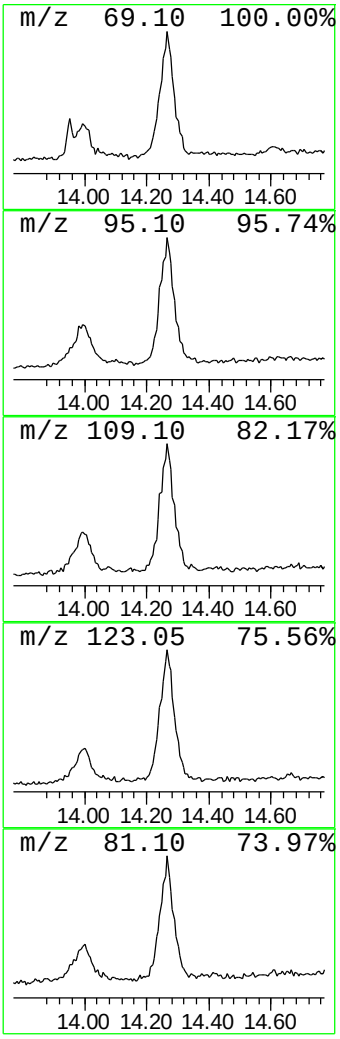
****

Peak Number 7 Friedelan-3-one Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.27	34.33 ng	1093020	Chrysene-d12	14.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Friedelan-3-one	426	C30H50O	000559-74-0	97
2	3-Cyclopentylpropionic acid, but...	194	C12H18O2	1000292-46-4	64
3	5-Bromo-4-oxo-4,5,6,7-tetrahydro...	216	C6H5BrN2O2	300574-36-1	59
4	Cyclohexene, 4-pentyl-1-(4-propy...	276	C20H36	108067-17-0	58
5	Cyclopentane, 1-methyl-1-(2-meth...	138	C10H18	074764-47-9	43





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062918\
Data File : BF106971.D
Acq On : 29 Jun 2018 14:25
Operator : JU/SJ
Sample : J3677-11
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 147-149-B3(0-5)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

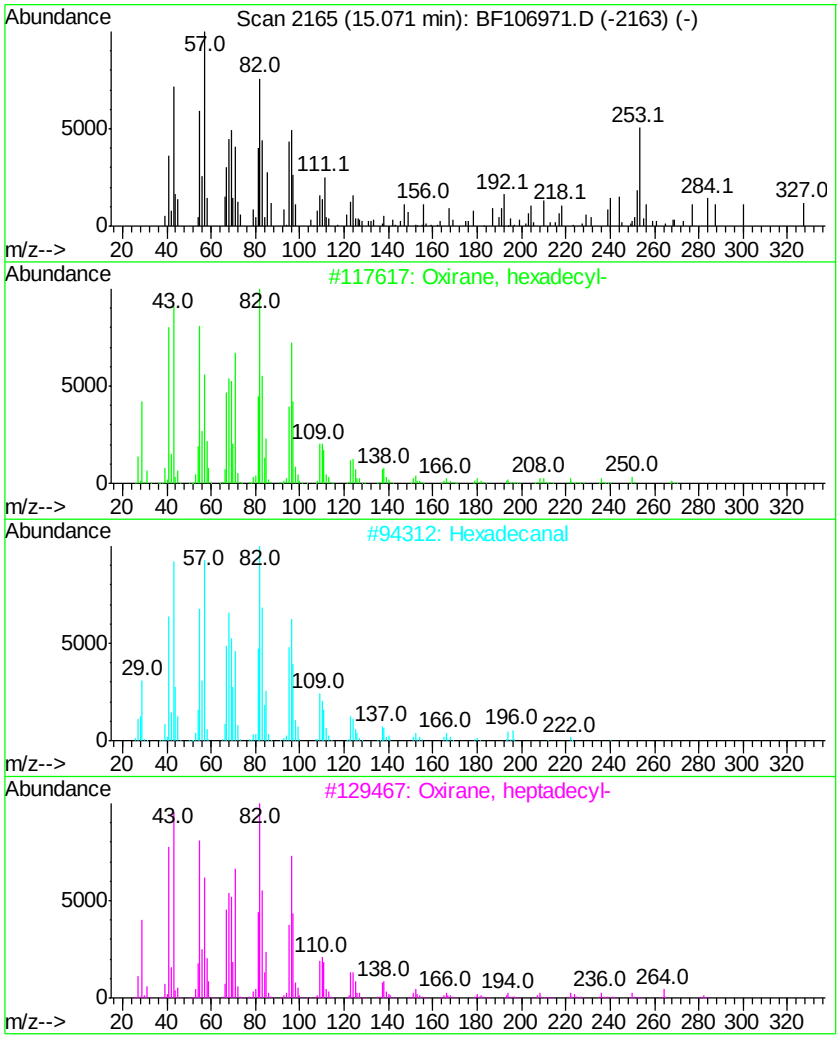
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

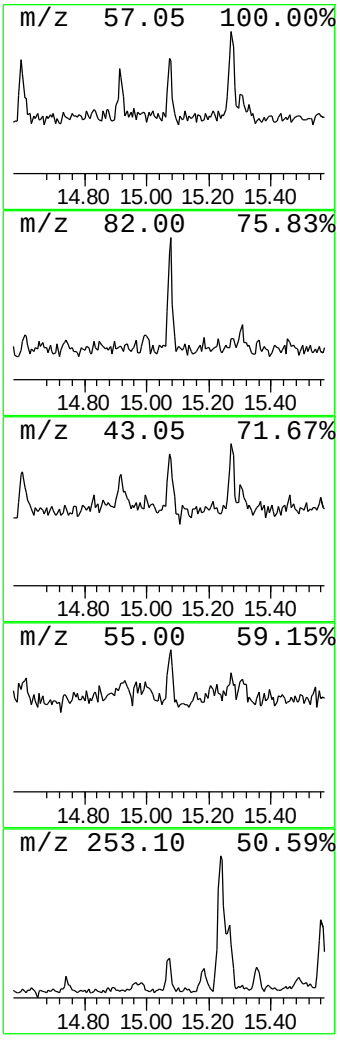
****

Peak Number 8 Oxirane, hexadecyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.07	2.47 ng	46098	Perylene-d12	15.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	89
2	Hexadecanal	240	C16H32O	000629-80-1	53
3	Oxirane, heptadecyl-	282	C19H38O	067860-04-2	50
4	Oxacycloheptadec-8-en-2-one, (8Z)	252	C16H28O2	000123-69-3	50
5	Pentadecanal-	226	C15H30O	002765-11-9	47





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062918\
Data File : BF106971.D
Acq On : 29 Jun 2018 14:25
Operator : JU/SJ
Sample : J3677-11
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 147-149-B3(0-5)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

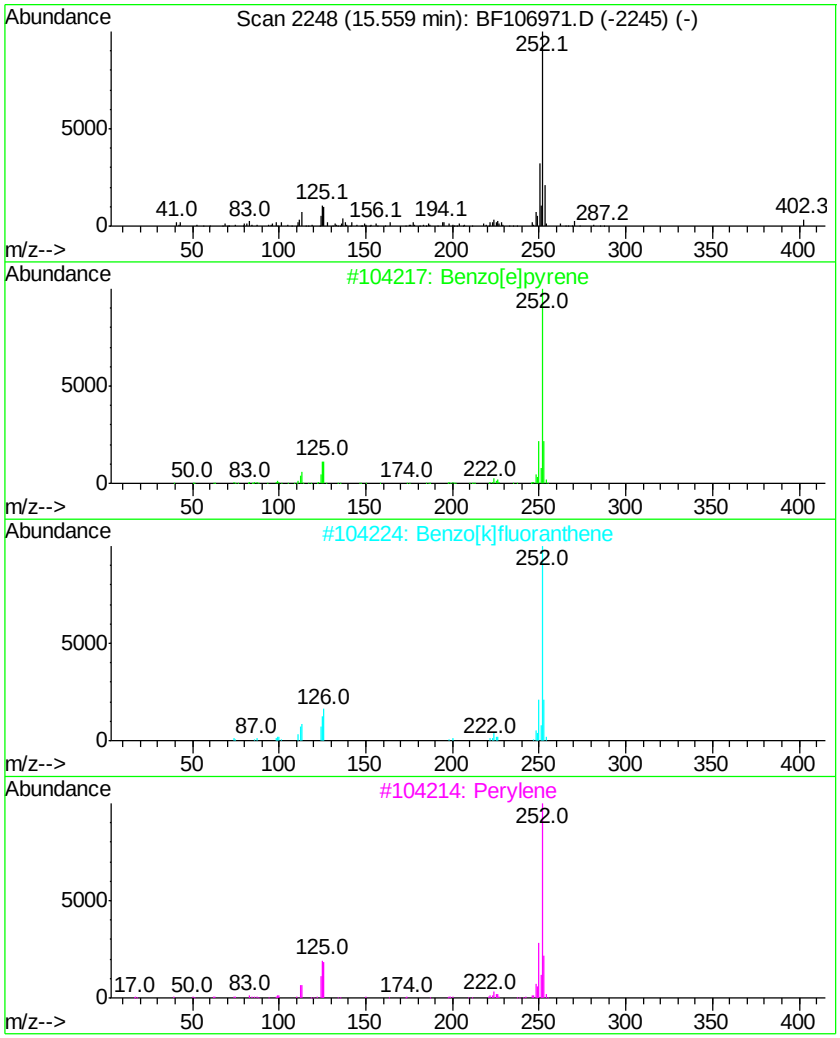
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

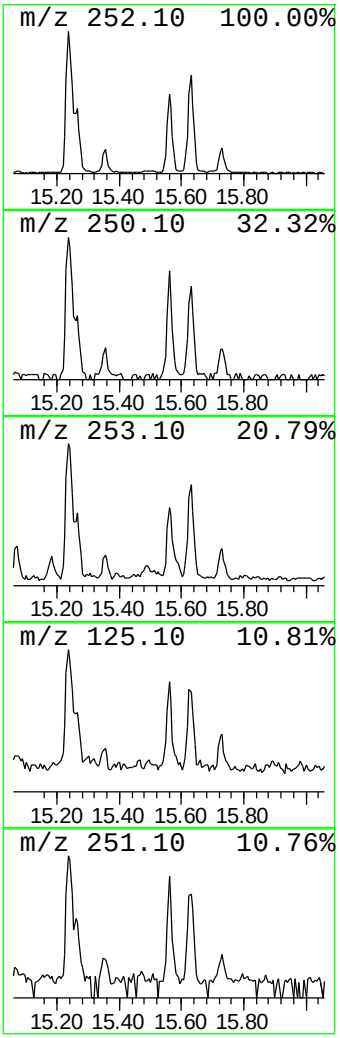
****

Peak Number 9 Benzo[e]pyrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.56	5.00 ng	93168	Perylene-d12	15.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	96
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
3	Perylene	252	C20H12	000198-55-0	90
4	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	89
5	Benzo[a]pyrene	252	C20H12	000050-32-8	89





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF062918\
Data File : BF106971.D
Acq On : 29 Jun 2018 14:25
Operator : JU/SJ
Sample : J3677-11
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 147-149-B3(0-5)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.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
2-Pentanone, 4-hy...	5.20	7.7	ng	160033	1	6.95	414176	20.0
unknown6.73	6.73	68.3	ng	1415080	1	6.95	414176	20.0
11H-Benzo[b]fluorene	13.26	3.5	ng	113162	5	14.15	636771	20.0
2-Piperidinone, N...	13.95	4.5	ng	144761	5	14.15	636771	20.0
11H-Benzo[a]fluor...	13.99	8.9	ng	284148	5	14.15	636771	20.0
Friedelan-3-one	14.27	34.3	ng	1093020	5	14.15	636771	20.0
Oxirane, hexadecyl-	15.07	2.5	ng	46098	6	15.69	372534	20.0
Benzo[e]pyrene	15.56	5.0	ng	93168	6	15.69	372534	20.0