LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062918\
Data File : BF106974.D
Acq On : 29 Jun 2018 15:45
Operator : JU/SJ
Sample : J3677-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 147-149-B1(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	496	rBV	129658	163697	10.24%	0.876%
2	5.595	550	554	566	rBV	1498154	1368644	85.58%	7.328%
3	6.595	720	724	738	rVB	1285660	1433978	89.67%	7.678%
4	6.731	743	747	750	rBV	1593956	1418184	88.68%	7.593%
5	6.954	781	785	788	rBV	547093	464729	29.06%	2.488%
6	7.107	807	811	815	rBV	1288316	1159959	72.53%	6.211%
7	7.519	876	881	884	rBV	965709	886517	55.43%	4.747%
8	8.236	999	1003	1006	rBV	643320	577036	36.08%	3.090%
9	9.307	1181	1185	1188	rBV	1850234	1599220	100.00%	8.563%
10	9.701	1249	1252	1258	rVB	211365	176468	11.03%	0.945%
11	9.901	1283	1286	1289	rBV	35254	30293	1.89%	0.162%
12	9.995	1298	1302	1305	rBV	682210	598685	37.44%	3.205%
13	10.025	1305	1307	1312	rVB	93652	71681	4.48%	0.384%
14	10.201	1332	1337	1339	rBV	27090	26644	1.67%	0.143%
15	10.401	1369	1371	1374	rVB	52398	36482	2.28%	0.195%
16	10.542	1392	1395	1401	rVB	50323	44419	2.78%	0.238%
17	10.625	1401	1409	1412	rBV3	16913	27693	1.73%	0.148%
18	10.789	1433	1437	1448	rBV	1035483	943167	58.98%	5.050%
19	10.877	1448	1452	1455	rBV	35870	38742	2.42%	0.207%
20	11.324	1525	1528	1530	rBV2	25529	20774	1.30%	0.111%
21	11.489	1552	1556	1558	rBV	614116	578422	36.17%	3.097%
22	11.513	1558	1560	1563	rVV	475670	364702	22.80%	1.953%
23	11.560	1563	1568	1572	rVB	106944	104825	6.55%	0.561%
24	11.719	1591	1595	1599	rBV2	40612	40061	2.51%	0.214%
25	11.989	1637	1641	1643	rBV	42967	32562	2.04%	0.174%
26	12.019	1643	1646	1651	rVB	58697	51875	3.24%	0.278%
27	12.066	1651	1654	1657	rBV	22013	18960	1.19%	0.102%
28	12.101	1657	1660	1663	rBV	68056	76903	4.81%	0.412%
29	12.283	1687	1691	1694	rBV	41937	36837	2.30%	0.197%
30	12.495	1724	1727	1731	rVB2	20586	19310	1.21%	0.103%
31	12.536	1731	1734	1738	rBV2	25337	30008	1.88%	0.161%
32	12.630	1747	1750	1754	rVB3	17694	18189	1.14%	0.097%
33	12.707	1759	1763	1766	rBV	621194	529493	33.11%	2.835%
34	12.918	1795	1799	1800	rBV2	122975	126855	7.93%	0.679%

LSC Area Percent Report

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Data File : BF106974.D
Acq On : 29 Jun 2018 15:45
Operator : JU/SJ
Sample : J3677-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 147-149-B1(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	12.936	1800	1802	1807	rVV	514919	441651	27.62%	2.365%
36	12.983	1807	1810	1816	rVB2	25696	25576	1.60%	0.137%
37	13.071	1818	1825	1828	rBV	1628948	1431062	89.48%	7.662%
38	13.095	1828	1829	1834	rVB	31409	27147	1.70%	0.145%
39	13.154	1834	1839	1843	rBV3	30050	51803	3.24%	0.277%
40	13.242	1849	1854	1855	rBV4	24659	33353	2.09%	0.179%
41	13.266	1855	1858	1862	rVV	86318	86927	5.44%	0.465%
42	13.330	1866	1869	1872	rBV	71352	64924	4.06%	0.348%
43	13.371	1872	1876	1878	rVV2	39819	54208	3.39%	0.290%
44	13.389	1878	1879	1883	rVB	22850	19646	1.23%	0.105%
45	13.466	1888	1892	1894	rBV	22357	20252	1.27%	0.108%
46	13.495	1894	1897	1900	rBV2	29485	27745	1.73%	0.149%
47	13.689	1928	1930	1936	rVB5	20909	29962	1.87%	0.160%
48	13.748	1936	1940	1943	rBV4	18460	27624	1.73%	0.148%
49	13.777	1943	1945	1949	rVB	31755	29866	1.87%	0.160%
50	13.895	1961	1965	1967	rBV2	36637	41727	2.61%	0.223%
51	13.918	1967	1969	1971	rVV	50598	40567	2.54%	0.217%
52	13.954	1971	1975	1979	rVV3	91137	125520	7.85%	0.672%
53	13.989	1979	1981	1986	rVB2	38929	40554	2.54%	0.217%
54	14.071	1989	1995	1998	rBV2	15721	34742	2.17%	0.186%
55	14.148	2000	2008	2011	rVV2	712504	957187	59.85%	5.125%
56	14.177	2011	2013	2020	rVB	283406	246556	15.42%	1.320%
57	14.260	2025	2027	2030	rBV	59502	50333	3.15%	0.269%
58	14.389	2047	2049	2052	rVB	27377	24007	1.50%	0.129%
59	14.512	2067	2070	2072	rBV	19143	24432	1.53%	0.131%
60	14.554	2072	2077	2079	rVV	42942	54468	3.41%	0.292%
61	14.683	2097	2099	2101	rBV2	24401	26117	1.63%	0.140%
62	14.707	2101	2103	2106	rVB	39894	35262	2.20%	0.189%
63	14.883	2130	2133	2135	rBV2	26763	27222	1.70%	0.146%
64	15.083	2163	2167	2171	rVB4	46316	52478	3.28%	0.281%
65	15.248	2190	2195	2198	rBV	194609	322874	20.19%	1.729%
66	15.360	2211	2214	2218	rVB	40488	50185	3.14%	0.269%
67	15.571	2246	2250	2257	rVB	116351	152583	9.54%	0.817%
68	15.636	2257	2261	2266	rBV	166863	218575	13.67%	1.170%
69	15.707	2268	2273	2276	rBV	289529	392856	24.57%	2.103%
70	15.895	2303	2305	2310	rBV5	14224	18502	1.16%	0.099%
71	17.277	2535	2540	2547	rVB	60494	124103	7.76%	0.664%

LSC Area Percent Report

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Operator : JU/SJ
Sample : J3677-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 147-149-B1(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

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Peak separation: 5

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

72	17.765	2618	2623	2630	rVB2	49363	91860	5.74%	0.492%
73	18.018	2663	2666	2675	rVB4	16508	36408	2.28%	0.195%

Sum of corrected areas: 18676878

LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062918\
Data File : BF106974.D
Acq On : 29 Jun 2018 15:45
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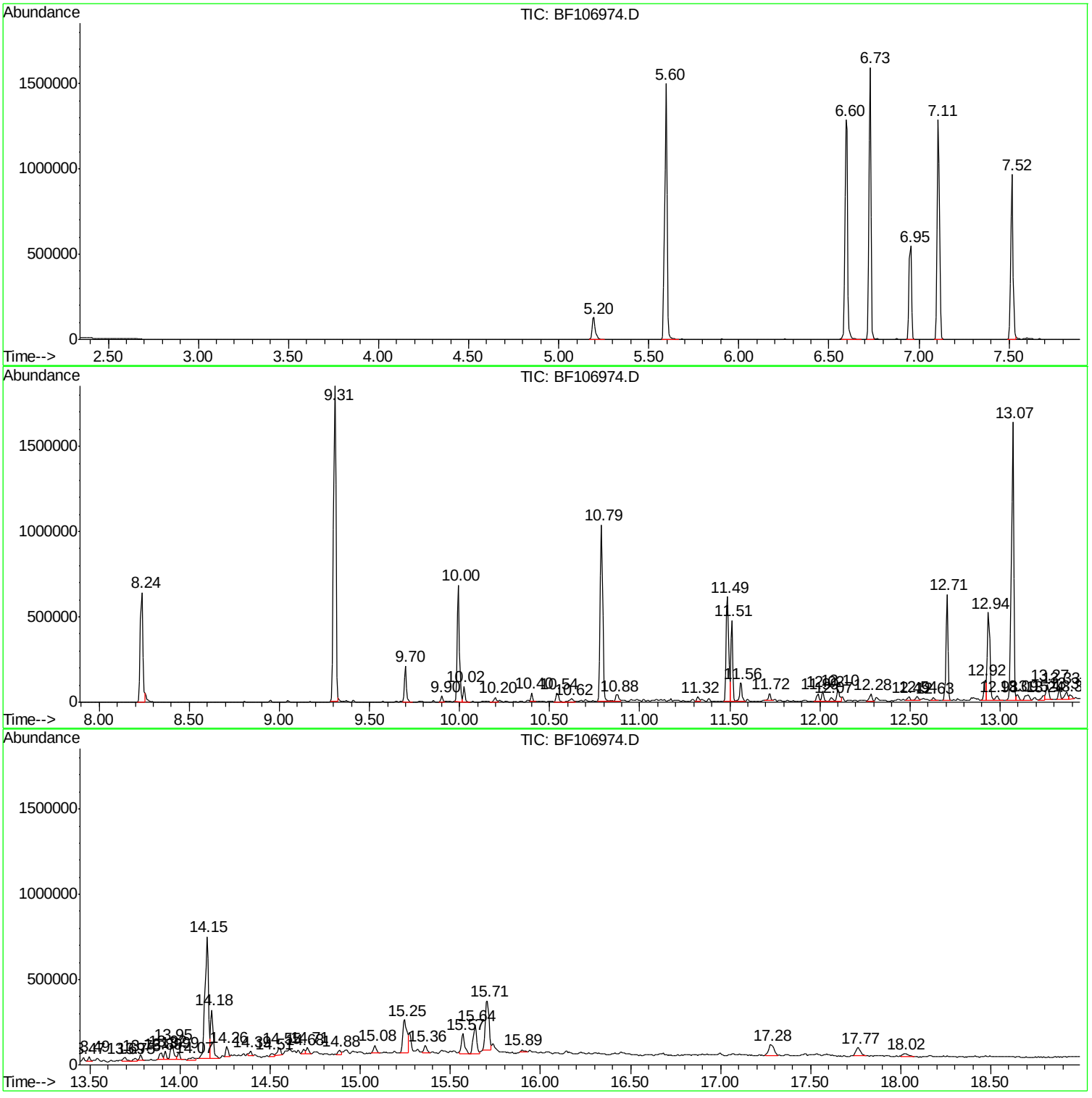
Sample : J3677-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
147-149-B1(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 : BF106974.D
Acq On : 29 Jun 2018 15:45
Operator : JU/SJ
Sample : J3677-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
147-149-B1(0-5)

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

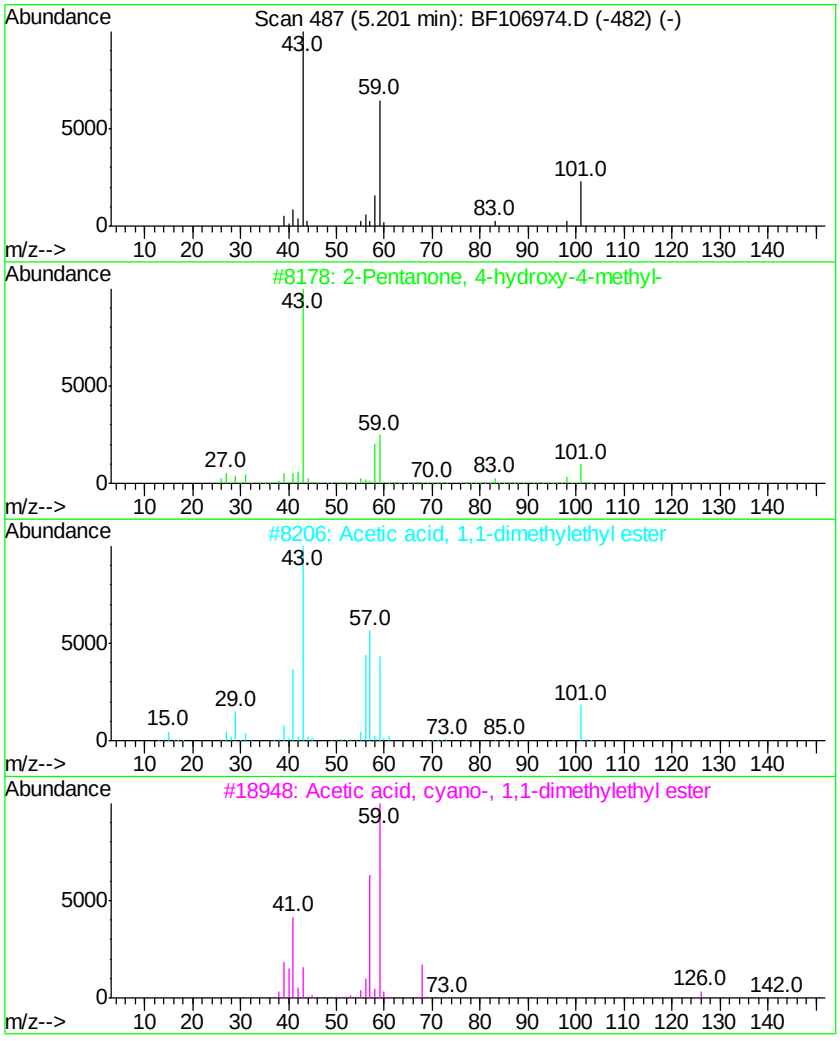
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

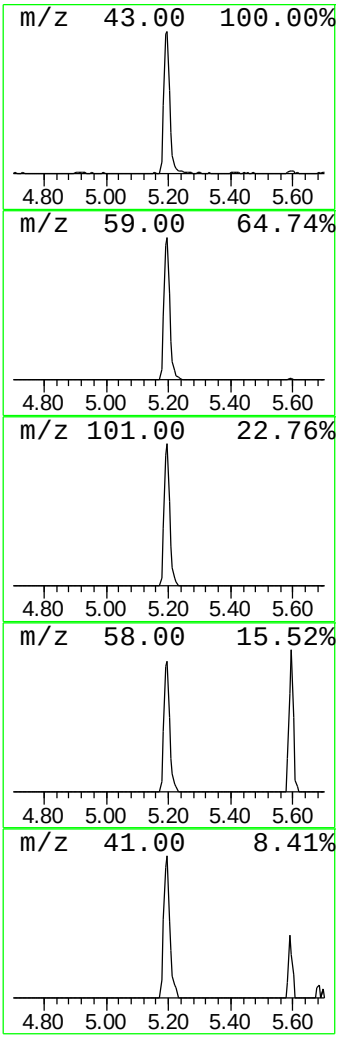
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.20	7.04 ng	163697	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	64
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	17
5	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062918\
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Sample : J3677-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
147-149-B1(0-5)

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

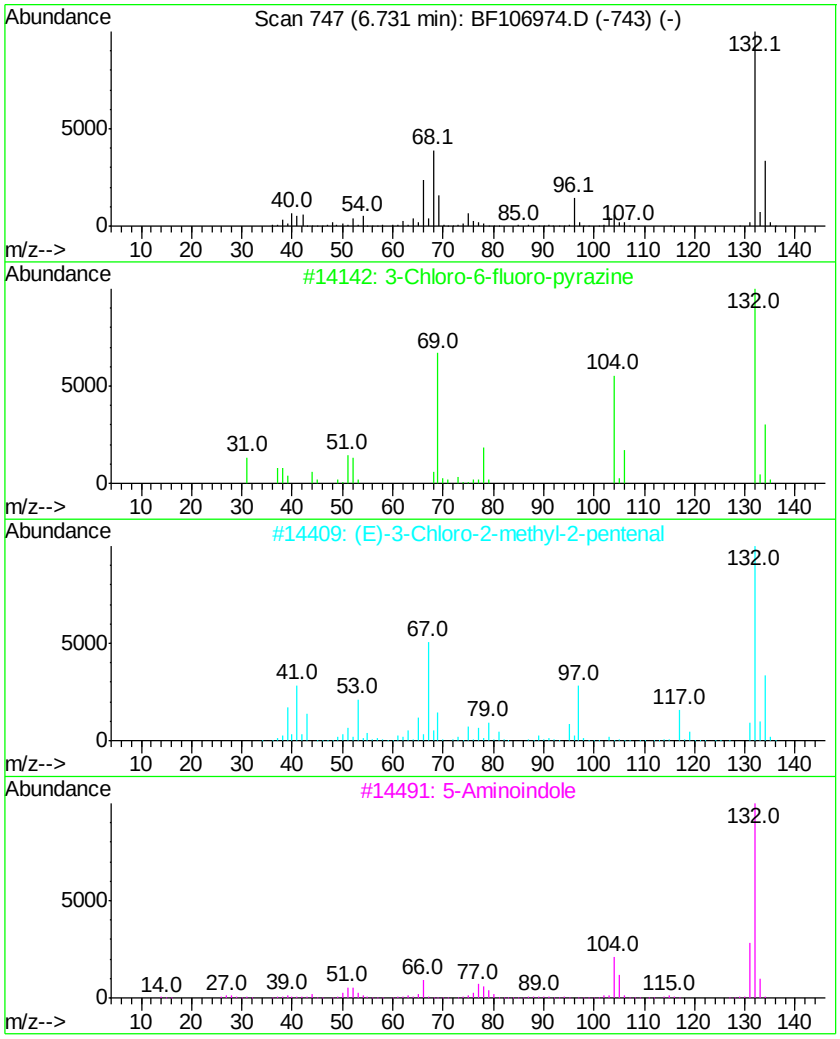
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

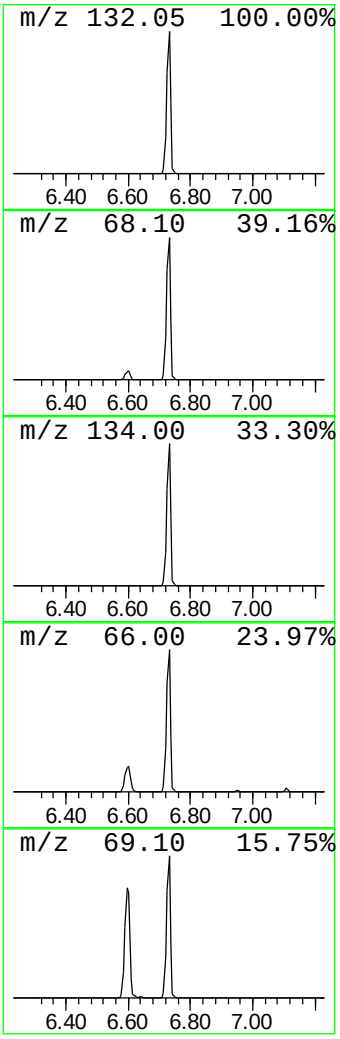
****

Peak Number 2 unknown6.73 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.73	61.03 ng	1418180	1,4-Dichlorobenzene-d4	6.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
3	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
5	4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062918\
Data File : BF106974.D
Acq On : 29 Jun 2018 15:45
Operator : JU/SJ
Sample : J3677-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 147-149-B1(0-5)

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

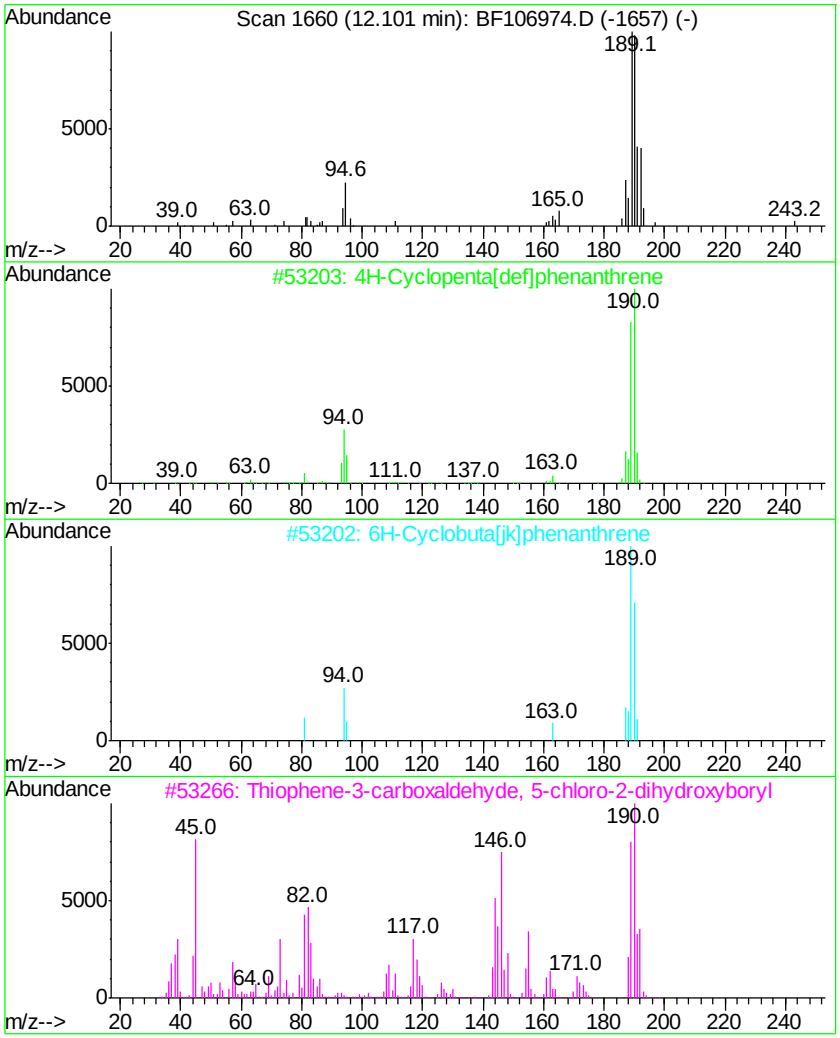
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

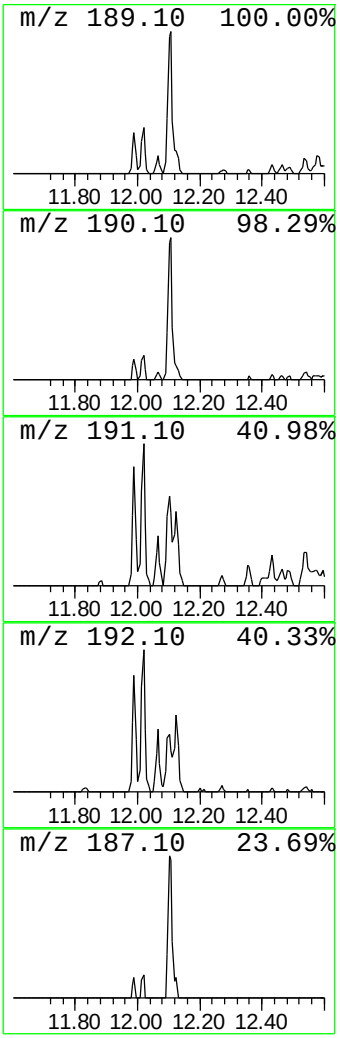
****

Peak Number 4 4H-Cyclopenta[def]phenanthrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.10	2.66 ng	76903	Phenanthrene-d10	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	53
3	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	50
4	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	38
5	1H-Pyrazole-4-carboxaldehyde, 1-...	190	C10H7FN2O	1000338-05-6	37





Library Search Compound Report

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Misc :
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Instrument : BNA_F
ClientSampleId : 147-149-B1(0-5)

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

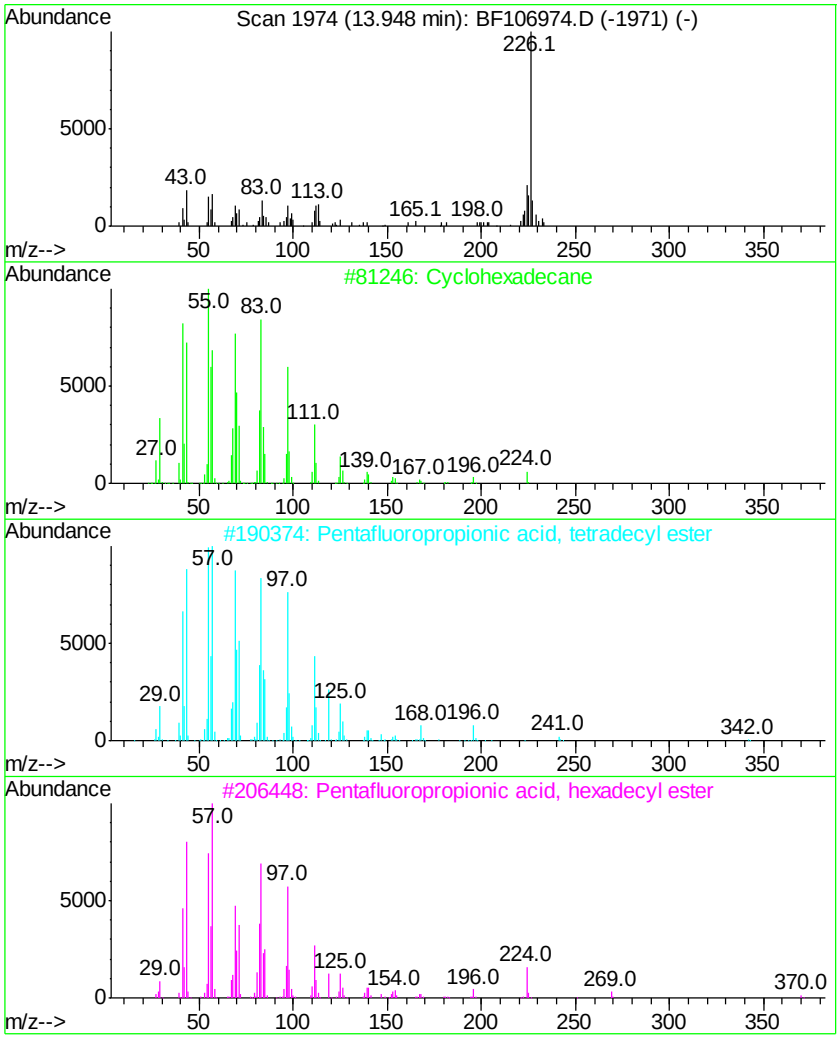
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

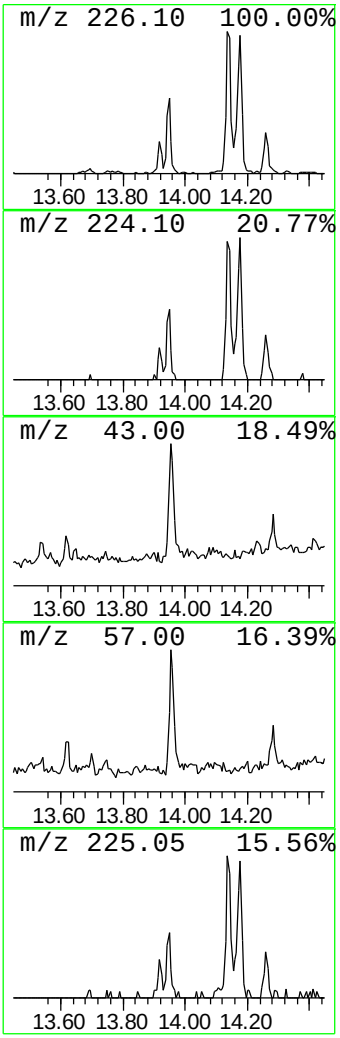
****

Peak Number 5 Cyclohexadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.95	2.62 ng	125520	Chrysene-d12	14.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane	224	C16H32	000295-65-8	92
2	Pentafluoropropionic acid, tetra...	360	C17H29F5O2	006222-06-6	60
3	Pentafluoropropionic acid, hexad...	388	C19H33F5O2	006222-07-7	38
4	Trichloroacetic acid, tetradecyl...	358	C16H29Cl3O2	074339-52-9	35
5	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	35





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062918\
Data File : BF106974.D
Acq On : 29 Jun 2018 15:45
Operator : JU/SJ
Sample : J3677-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 147-149-B1(0-5)

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

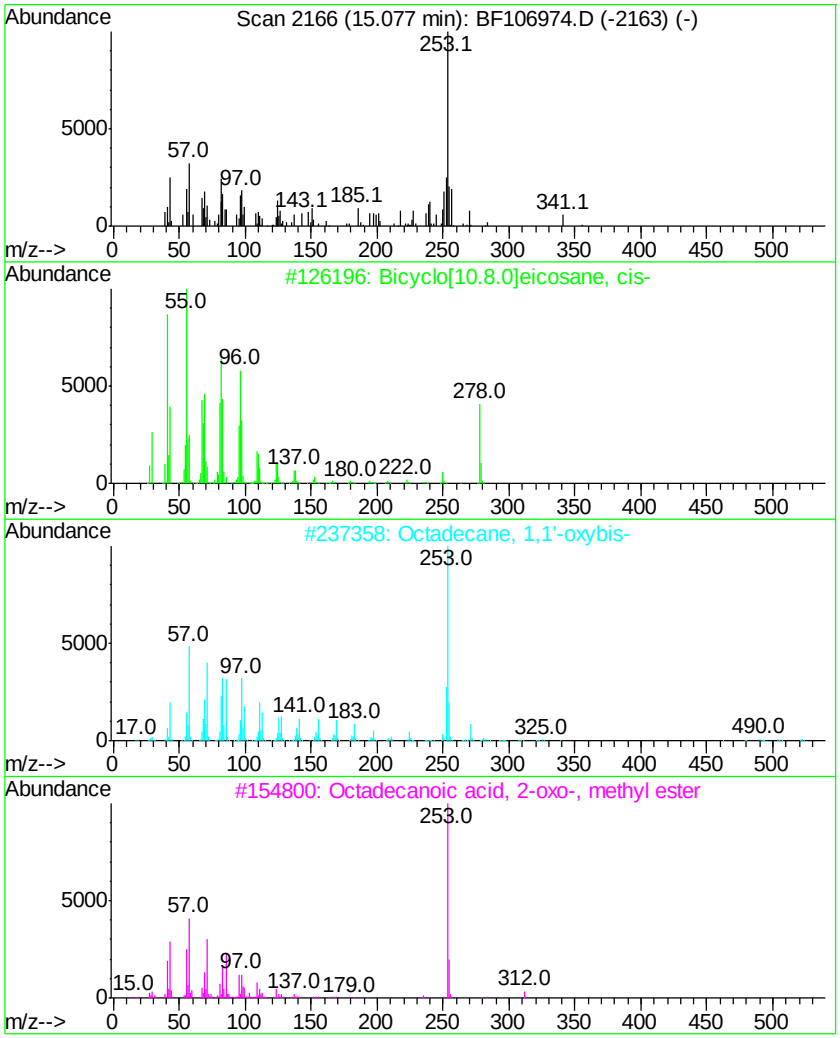
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

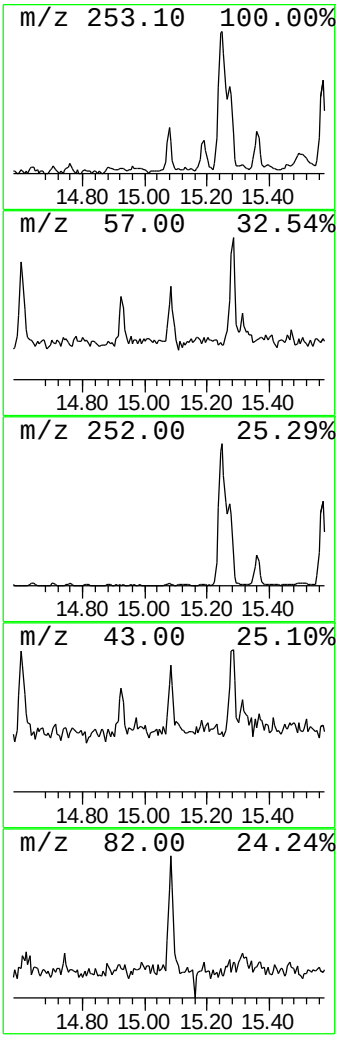
****

Peak Number 6 unknown15.08 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.08	2.67 ng	52478	Perylene-d12	15.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[10.8.0]eicosane, cis-	278	C20H38	1000155-82-2	45
2	Octadecane, 1,1'-oxybis-	523	C36H74O	006297-03-6	25
3	Octadecanoic acid, 2-oxo-, methy...	312	C19H36O3	002380-18-9	22
4	Succinic acid, 2-chlorophenyl 2-...	380	C22H17ClO4	1000357-55-7	22
5	Alpha-(1-(2-naphthylimino)ethyl)...	253	C16H15NO2	1000240-01-3	16





Library Search Compound Report

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Data File : BF106974.D
Acq On : 29 Jun 2018 15:45
Operator : JU/SJ
Sample : J3677-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 147-149-B1(0-5)

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

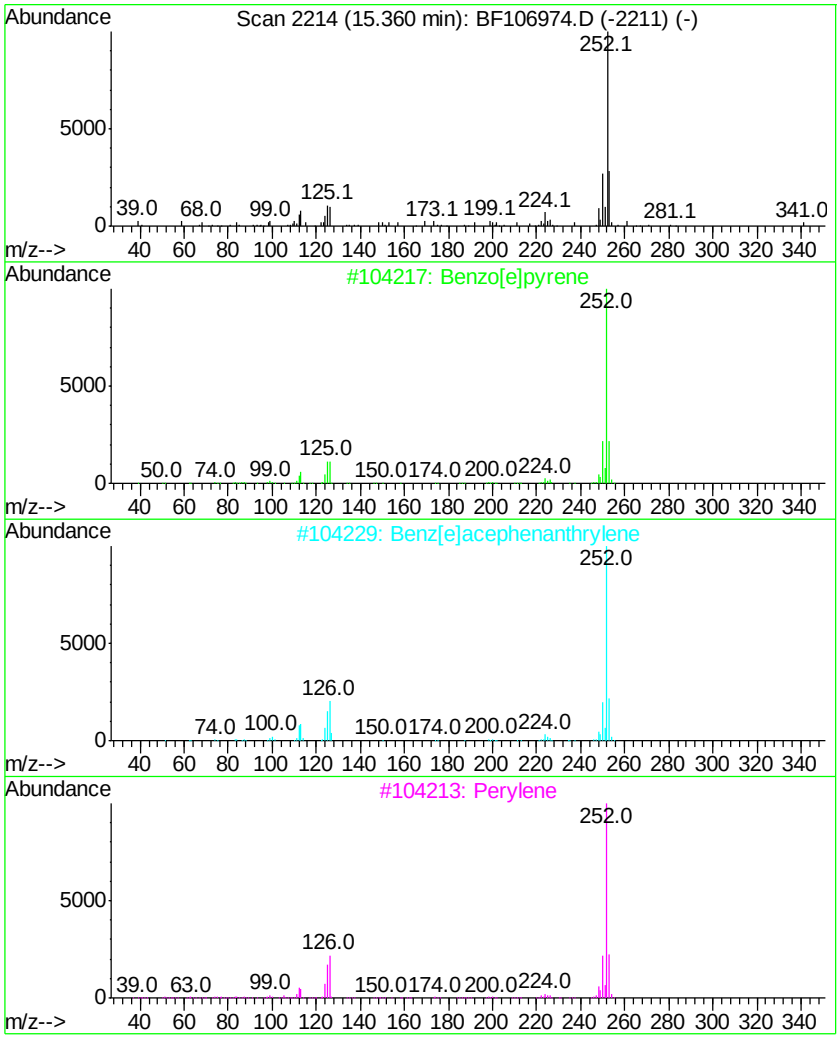
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

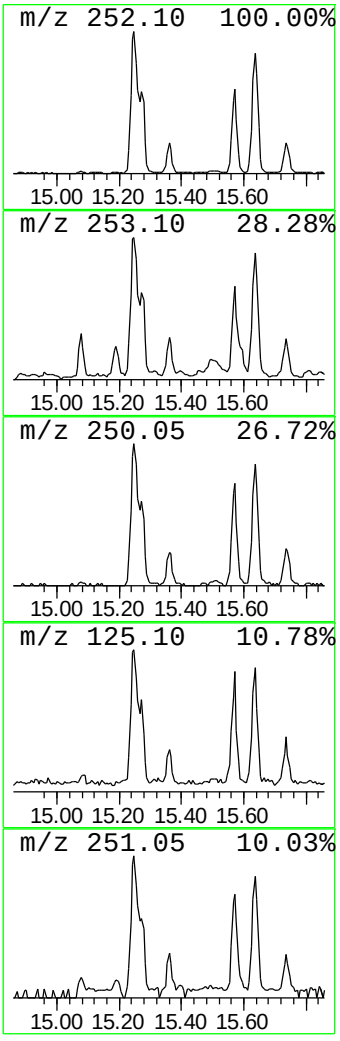
****

Peak Number 7 Benzo[e]pyrene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.36	2.55 ng	50185	Perylene-d12	15.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	94
2	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	81
3	Perylene	252	C20H12	000198-55-0	76
4	Benzo[a]pyrene	252	C20H12	000050-32-8	70
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	64





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062918\
Data File : BF106974.D
Acq On : 29 Jun 2018 15:45
Operator : JU/SJ
Sample : J3677-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 147-149-B1(0-5)

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

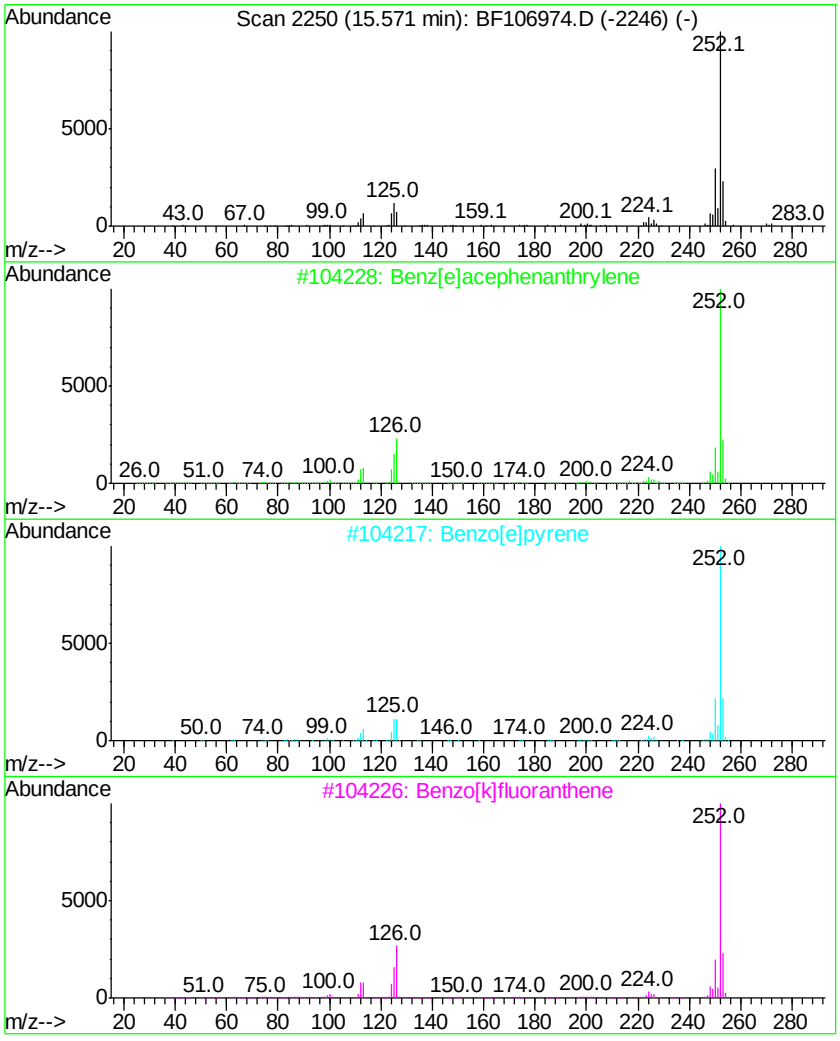
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

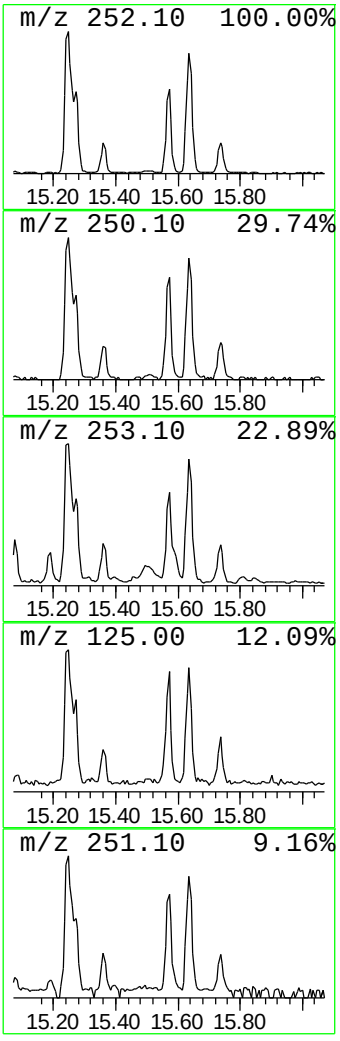
****

Peak Number 8 Benz[e]acephenanthrylene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.57	7.77 ng	152583	Perylene-d12	15.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	93
2	Benzo[e]pyrene	252	C20H12	000192-97-2	91
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	90
4	Benzo[a]pyrene	252	C20H12	000050-32-8	87
5	Perylene	252	C20H12	000198-55-0	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF062918\
Data File : BF106974.D
Acq On : 29 Jun 2018 15:45
Operator : JU/SJ
Sample : J3677-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 147-149-B1(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	7.0	ng	163697	1	6.95	464729	20.0
unknown6.73	6.73	61.0	ng	1418180	1	6.95	464729	20.0
4H-Cyclopenta[def...	12.10	2.7	ng	76903	4	11.49	578422	20.0
Cyclohexadecane	13.95	2.6	ng	125520	5	14.15	957187	20.0
unknown15.08	15.08	2.7	ng	52478	6	15.71	392856	20.0
Benzo[e]pyrene	15.36	2.5	ng	50185	6	15.71	392856	20.0
Benz[e]acephenant...	15.57	7.8	ng	152583	6	15.71	392856	20.0