LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071118\
Data File : BF107310.D
Acq On : 11 Jul 2018 19:46
Operator : JU/SJ
Sample : J3914-07 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NEMH

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	5.154	475	479	491	rBV	70623	79987	12.00%	0.782%
2	5.572	547	550	565	rBV	583461	576117	86.46%	5.636%
3	6.578	718	721	734	rBV	608293	613501	92.07%	6.001%
4	6.707	740	743	748	rBV	702648	598063	89.75%	5.850%
5	6.931	778	781	788	rBV	471845	381178	57.20%	3.729%
6	7.083	804	807	817	rBV	530317	475852	71.41%	4.655%
7	7.495	873	877	887	rBV	395047	358216	53.76%	3.504%
8	8.219	996	1000	1003	rBV	520379	476649	71.53%	4.663%
9	9.289	1179	1182	1191	rVB	787596	658014	98.75%	6.437%
10	9.395	1197	1200	1203	rVB	9533	7751	1.16%	0.076%
11	9.683	1246	1249	1254	rVB	108752	91504	13.73%	0.895%
12	9.772	1259	1264	1271	rVB3	5206	8453	1.27%	0.083%
13	9.842	1271	1276	1280	rBV	15479	16728	2.51%	0.164%
14	9.983	1296	1300	1303	rBV	528328	484367	72.69%	4.738%
15	10.013	1303	1305	1309	rVB	24869	18280	2.74%	0.179%
16	10.189	1329	1335	1337	rBV2	7566	8323	1.25%	0.081%
17	10.383	1365	1368	1371	rBV	9394	7754	1.16%	0.076%
18	10.530	1390	1393	1399	rVB	20527	20251	3.04%	0.198%
19	10.595	1402	1404	1411	rVB4	5806	8067	1.21%	0.079%
20	10.777	1432	1435	1441	rBV	359888	342814	51.45%	3.354%
21	10.860	1447	1449	1454	rBV	9520	10816	1.62%	0.106%
22	11.083	1480	1487	1490	rBV5	17514	24872	3.73%	0.243%
23	11.289	1519	1522	1524	rBV	10765	9329	1.40%	0.091%
24	11.377	1532	1537	1540	rVB2	10702	12867	1.93%	0.126%
25	11.477	1551	1554	1557	rBV	512737	489952	73.53%	4.793%
26	11.501	1557	1558	1562	rVV	252929	174952	26.26%	1.711%
27	11.554	1562	1567	1571	rVV	54121	48457	7.27%	0.474%
28	11.718	1592	1595	1597	rBV	23434	18462	2.77%	0.181%
29	11.818	1609	1612	1615	rVB3	7232	7547	1.13%	0.074%
30	11.901	1622	1626	1631	rVB7	6199	8999	1.35%	0.088%
31	11.983	1636	1640	1642	rBV	41397	37872	5.68%	0.370%
32	12.013	1642	1645	1649	rVB2	50192	45254	6.79%	0.443%
33	12.060	1650	1653	1656	rVB	20675	18377	2.76%	0.180%
34	12.095	1656	1659	1662	rBV2	55869	70025	10.51%	0.685%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071118\
Data File : BF107310.D
Acq On : 11 Jul 2018 19:46
Operator : JU/SJ
Sample : J3914-07 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NEMH

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	12.118	1662	1663	1666	rVB	30071	17708	2.66%	0.173%
36	12.148	1666	1668	1670	rBV2	13491	11401	1.71%	0.112%
37	12.218	1678	1680	1683	rBV3	8605	8861	1.33%	0.087%
38	12.277	1687	1690	1695	rVV	27141	30530	4.58%	0.299%
39	12.318	1695	1697	1704	rVB4	26007	29732	4.46%	0.291%
40	12.413	1709	1713	1719	rBV7	19147	33744	5.06%	0.330%
41	12.460	1719	1721	1723	rVB2	12908	9409	1.41%	0.092%
42	12.483	1723	1725	1727	rBV2	16623	15066	2.26%	0.147%
43	12.530	1731	1733	1736	rBV2	41088	40586	6.09%	0.397%
44	12.577	1736	1741	1742	rBV4	14374	19809	2.97%	0.194%
45	12.630	1746	1750	1753	rBV2	28682	38298	5.75%	0.375%
46	12.660	1753	1755	1757	rVB2	26148	18674	2.80%	0.183%
47	12.701	1758	1762	1765	rBV	434705	398220	59.76%	3.896%
48	12.801	1777	1779	1780	rBV	10784	7973	1.20%	0.078%
49	12.854	1785	1788	1790	rBV3	15009	17762	2.67%	0.174%
50	12.913	1795	1798	1799	rBV	95263	83547	12.54%	0.817%
51	12.936	1799	1802	1807	rVV	414851	369368	55.43%	3.613%
52	12.983	1807	1810	1814	rVB2	27184	32821	4.93%	0.321%
53	13.065	1820	1824	1827	rBV	689669	614201	92.17%	6.008%
54	13.142	1834	1837	1838	rBV	29909	28396	4.26%	0.278%
55	13.201	1844	1847	1850	rBV2	69113	60526	9.08%	0.592%
56	13.265	1851	1858	1863	rVB2	72058	112830	16.93%	1.104%
57	13.330	1866	1869	1871	rBV	33230	35730	5.36%	0.350%
58	13.442	1886	1888	1890	rBV	34874	29233	4.39%	0.286%
59	13.560	1905	1908	1914	rVB	52913	56967	8.55%	0.557%
60	13.612	1914	1917	1919	rBV	38276	35237	5.29%	0.345%
61	13.777	1943	1945	1949	rVB	38431	33458	5.02%	0.327%
62	13.889	1962	1964	1966	rBV	36963	25757	3.87%	0.252%
63	13.942	1970	1973	1978	rBV2	91361	100992	15.16%	0.988%
64	13.989	1979	1981	1984	rBV	43827	35205	5.28%	0.344%
65	14.142	2002	2007	2009	rBV2	558567	666343	100.00%	6.518%
66	14.165	2009	2011	2014	rVB	194176	159394	23.92%	1.559%
67	14.565	2077	2079	2081	rBV	57376	49327	7.40%	0.483%
68	15.224	2187	2191	2198	rVB2	148467	312607	46.91%	3.058%
69	15.548	2244	2246	2249	rVB	71372	67513	10.13%	0.660%
70	15.618	2255	2258	2265	rVB2	96378	143417	21.52%	1.403%
71	15.683	2265	2269	2273	rBV	210608	262182	39.35%	2.565%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071118\
Data File : BF107310.D
Acq On : 11 Jul 2018 19:46
Operator : JU/SJ
Sample : J3914-07 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NEMH

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

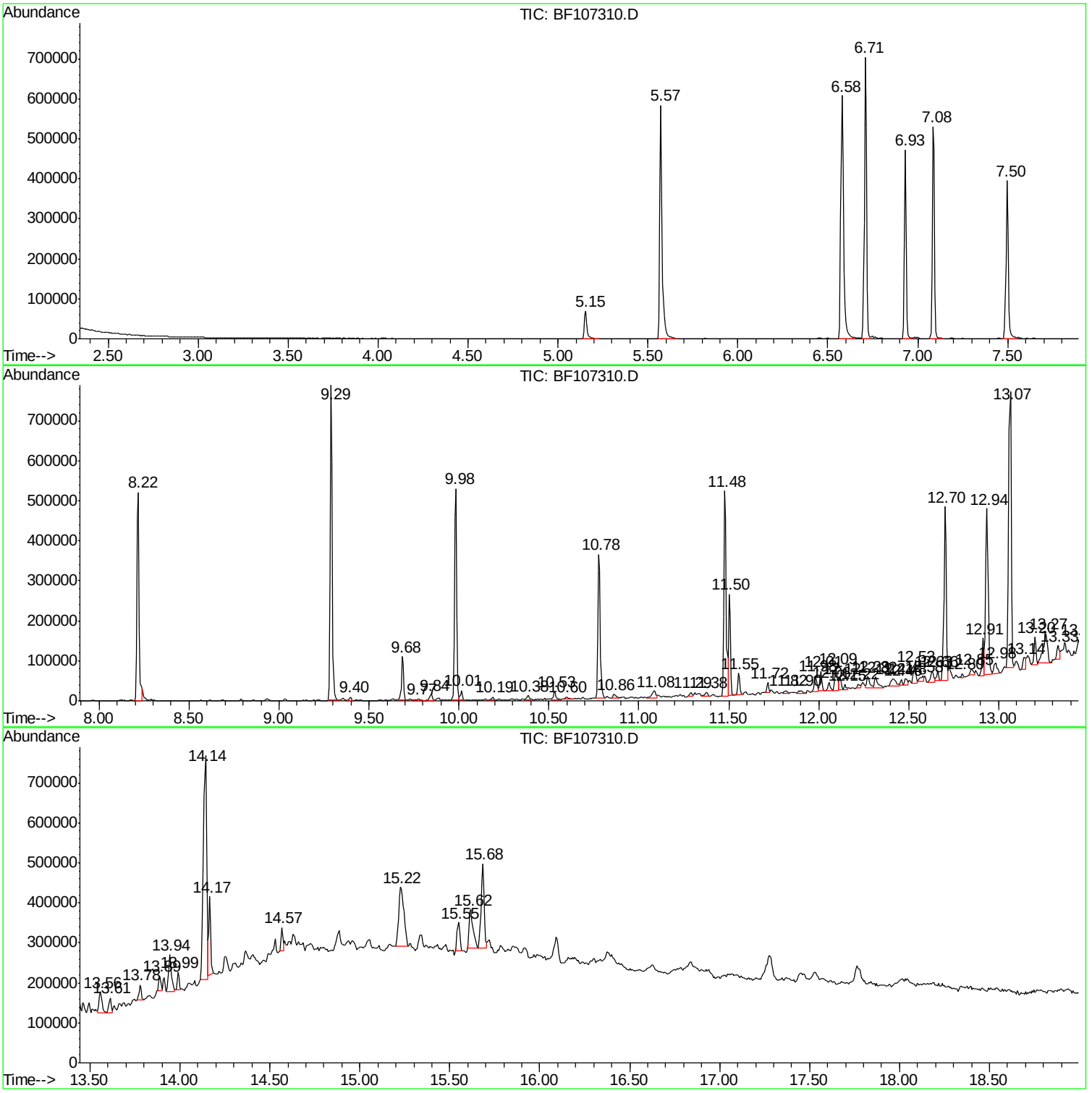
Sum of corrected areas: 10222474

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071118\
Data File : BF107310.D
Acq On : 11 Jul 2018 19:46
Operator : JU/SJ
Sample : J3914-07 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NEMH

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\BF071118\
Data File : BF107310.D
Acq On : 11 Jul 2018 19:46
Operator : JU/SJ
Sample : J3914-07 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NEMH

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

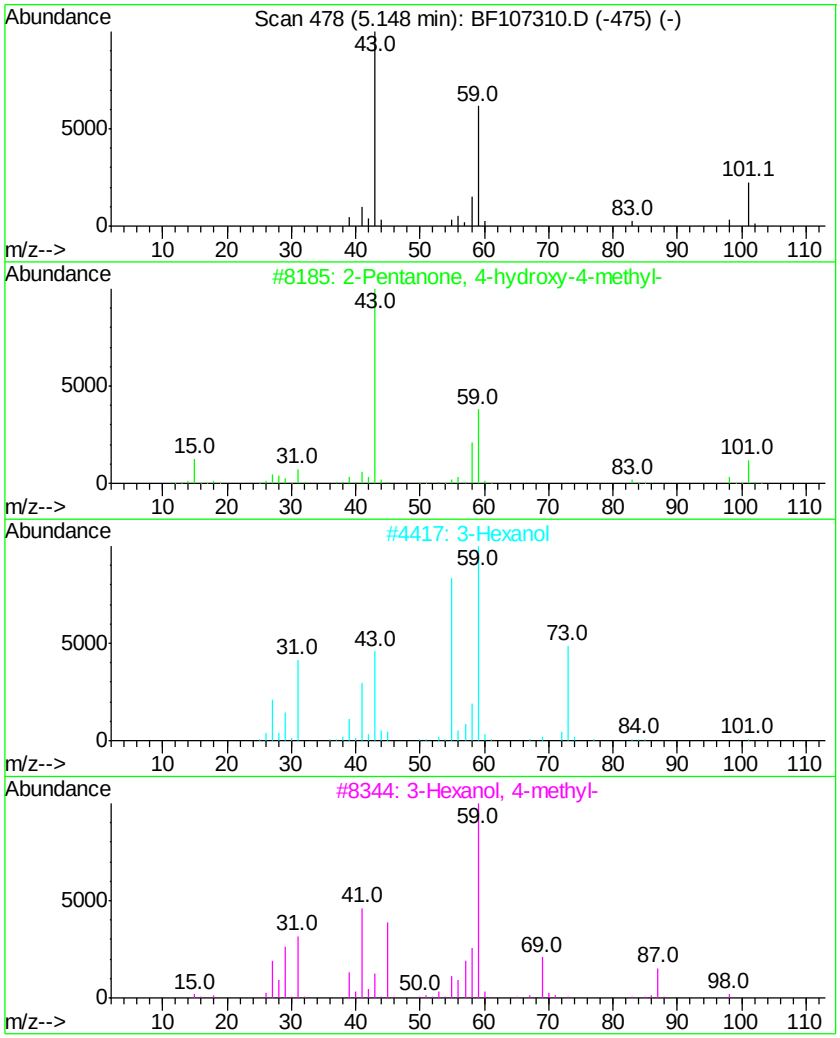
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

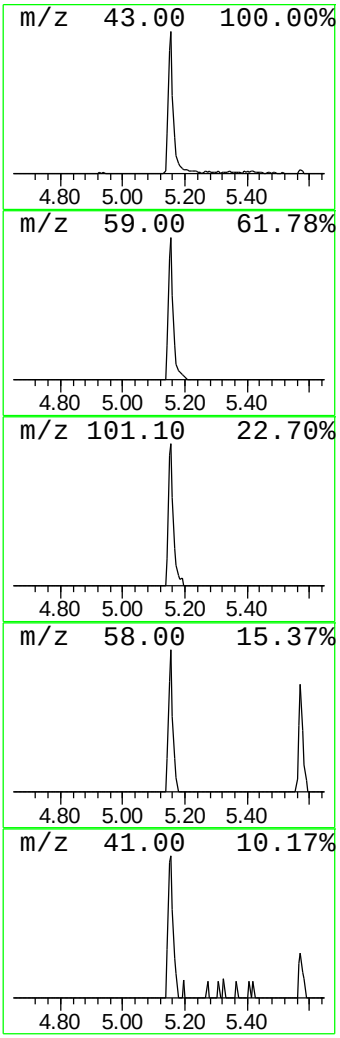
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.15	4.20 ng	79987	1,4-Dichlorobenzene-d4	6.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	72
2	3-Hexanol	102	C6H14O	000623-37-0	28
3	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	28
4	Butyl aldoxime, 3-methyl-, syn-	101	C5H11NO	005780-40-5	25
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071118\
Data File : BF107310.D
Acq On : 11 Jul 2018 19:46
Operator : JU/SJ
Sample : J3914-07 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NEMH

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

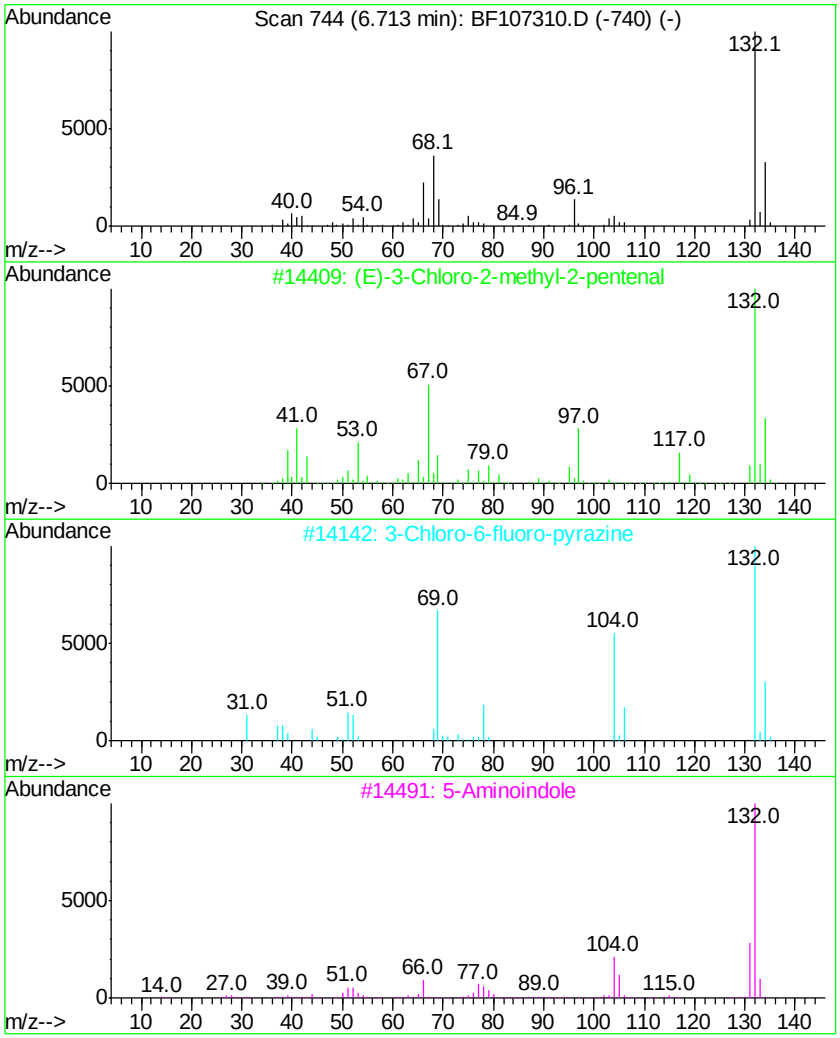
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

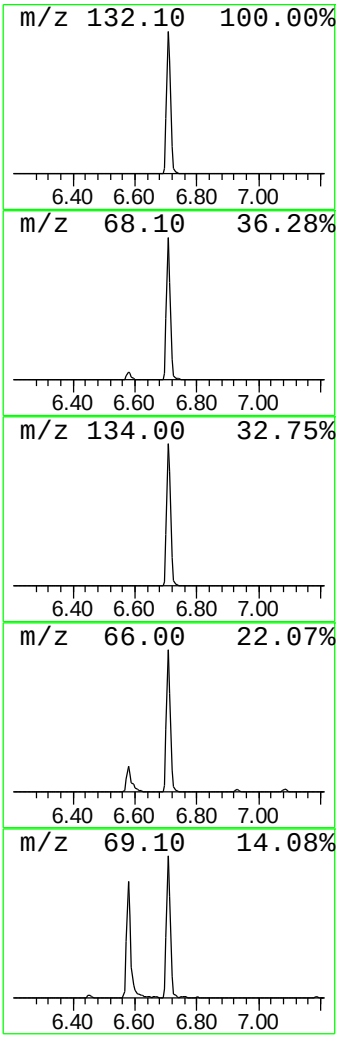
****

Peak Number 2 unknown6.71 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.71	31.38 ng	598063	1,4-Dichlorobenzene-d4	6.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
3	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
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\BF071118\
Data File : BF107310.D
Acq On : 11 Jul 2018 19:46
Operator : JU/SJ
Sample : J3914-07 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NEMH

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

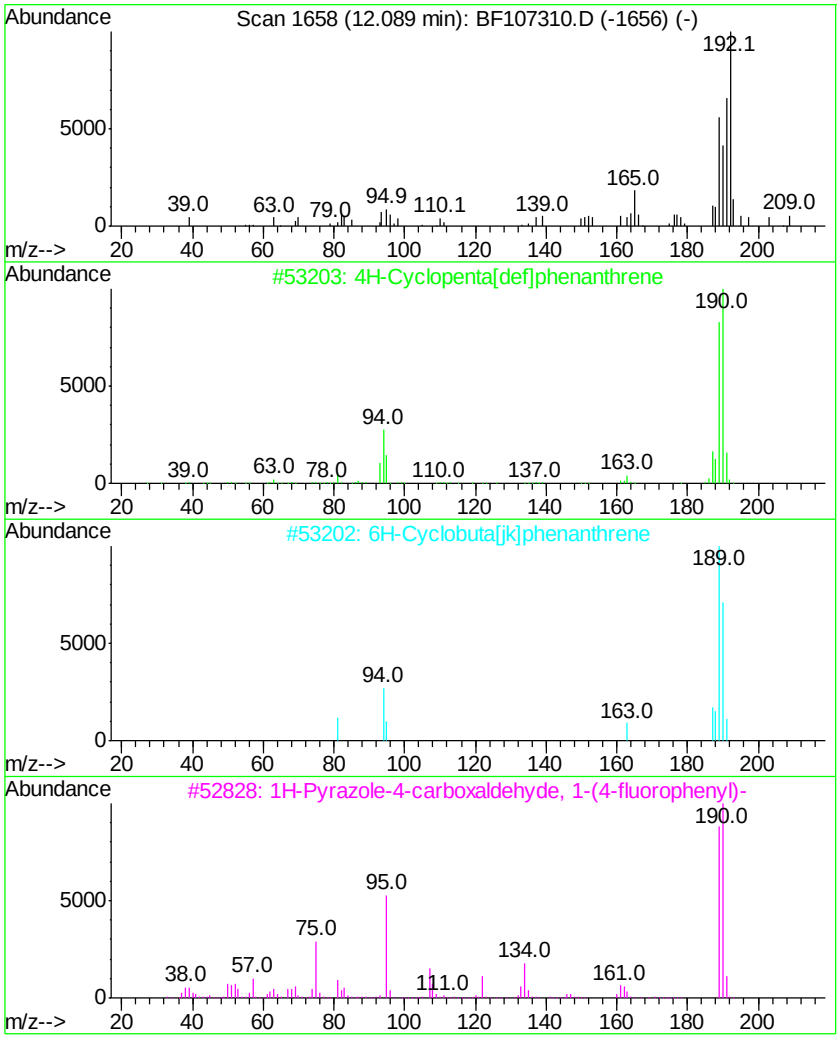
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

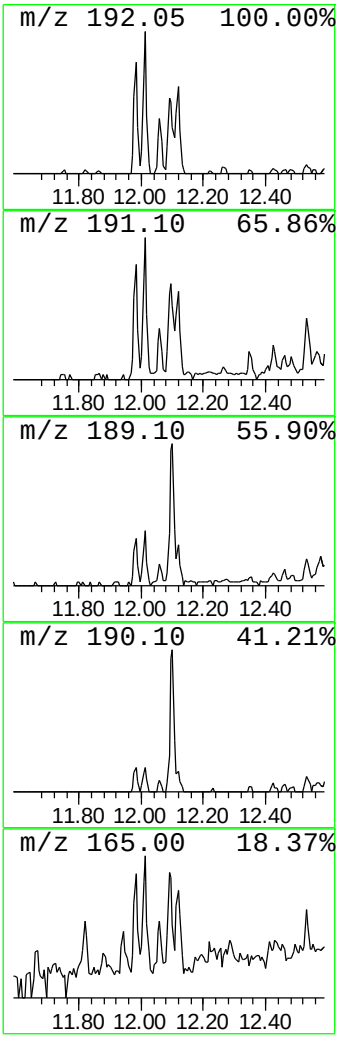
****

Peak Number 4 4H-Cyclopenta[def]phenanthrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.09	2.86 ng	70025	Phenanthrene-d10	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	62
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	53
3	1H-Pyrazole-4-carboxaldehyde, 1-...	190	C10H7FN2O	1000338-05-6	46
4	Methyl diselenide	190	C2H6Se2	007101-31-7	43
5	1-Chloro-4-(2-chloro-2-fluoroeth...	190	C8H5Cl2F	1000305-36-3	27





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071118\
Data File : BF107310.D
Acq On : 11 Jul 2018 19:46
Operator : JU/SJ
Sample : J3914-07 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NEMH

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

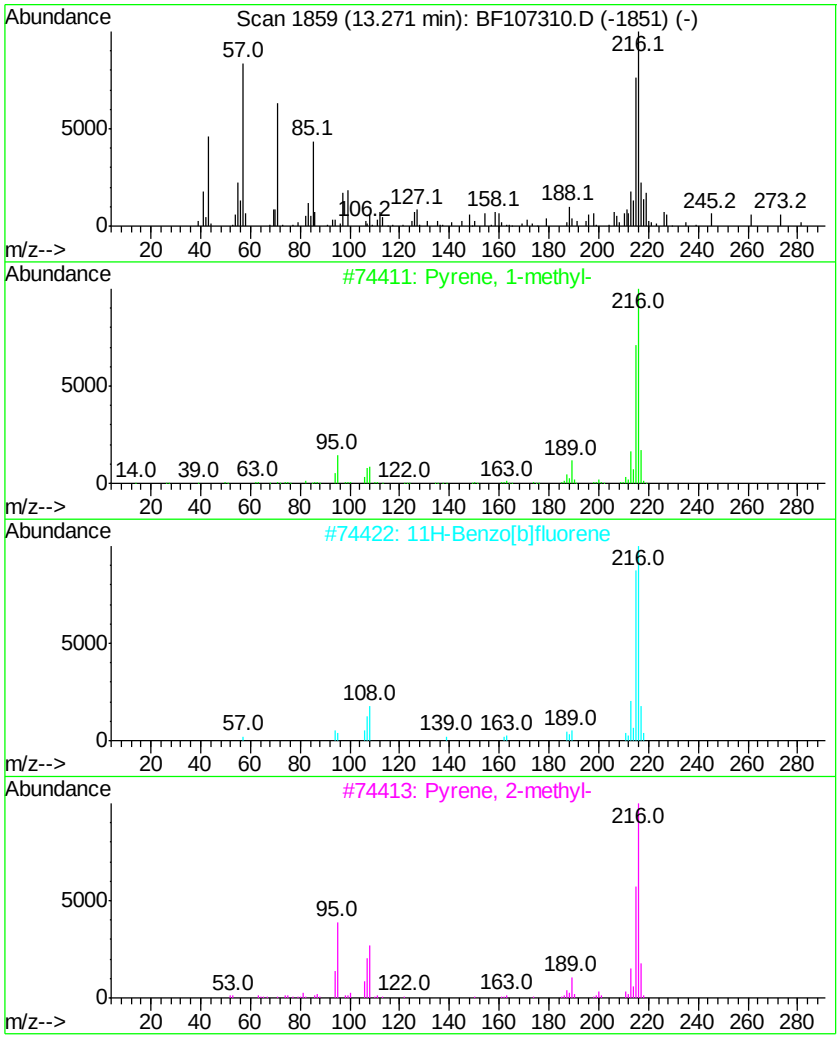
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

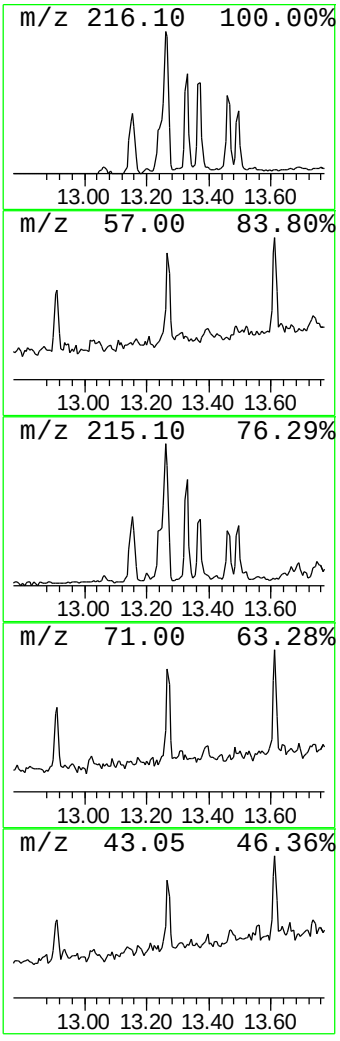
****

Peak Number 5 Pyrene, 1-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.27	3.39 ng	112830	Chrysene-d12	14.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	91
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	87
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	81
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	80





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071118\
Data File : BF107310.D
Acq On : 11 Jul 2018 19:46
Operator : JU/SJ
Sample : J3914-07 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NEMH

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

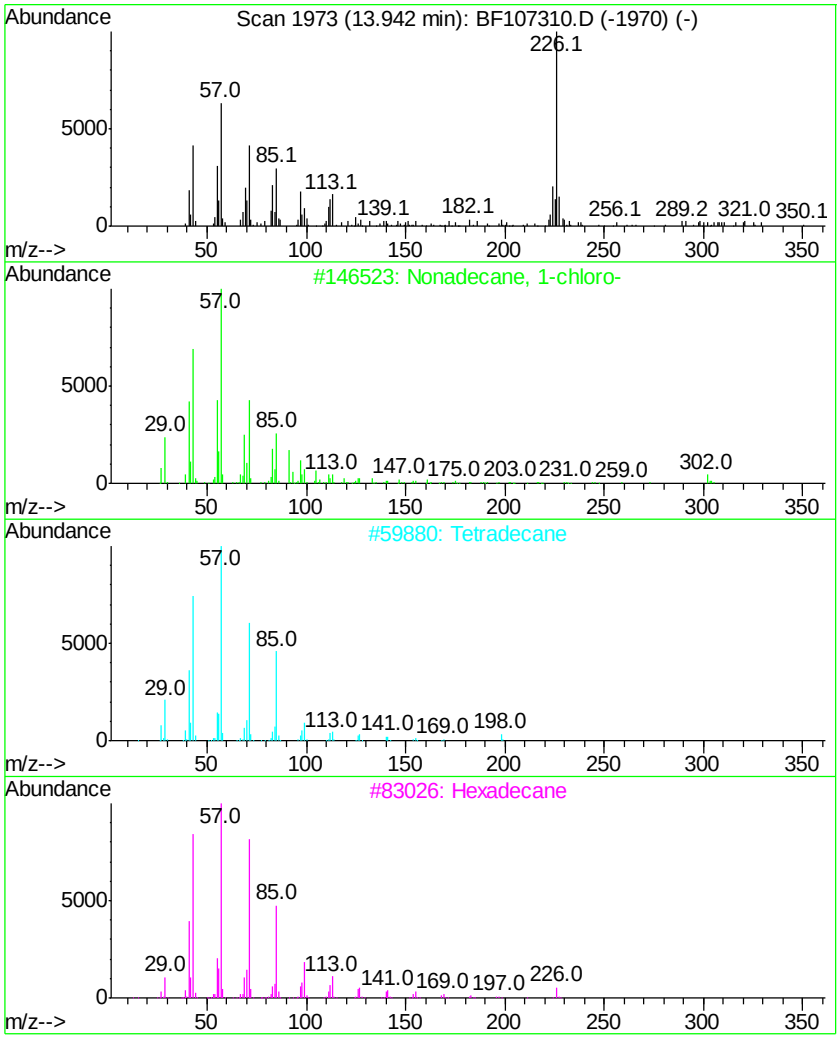
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

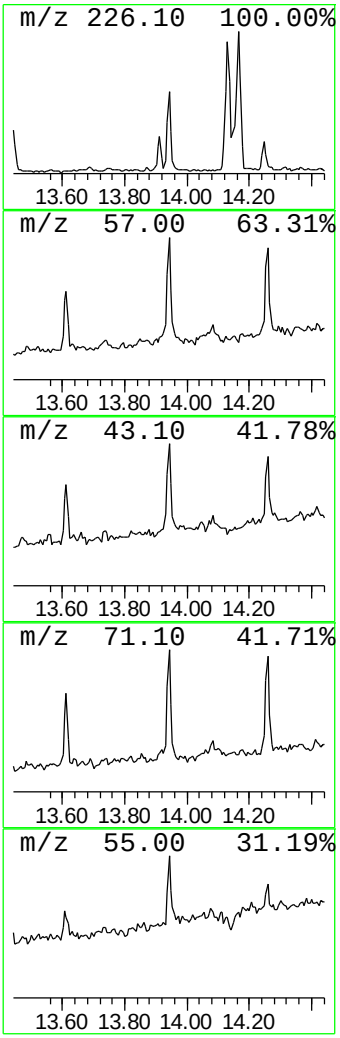
****

Peak Number 6 Nonadecane, 1-chloro- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.94	3.03 ng	100992	Chrysene-d12	14.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane, 1-chloro-	302	C19H39Cl	062016-76-6	72
2	Tetradecane	198	C14H30	000629-59-4	70
3	Hexadecane	226	C16H34	000544-76-3	70
4	.beta.-Carboline, 7-methoxy-1,2-...	226	C14H14N2O	006519-18-2	43
5	4-Naphthalen-2-yl-thiazol-2-ylamine	226	C13H10N2S	1000300-53-4	43





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071118\
Data File : BF107310.D
Acq On : 11 Jul 2018 19:46
Operator : JU/SJ
Sample : J3914-07 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NEMH

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

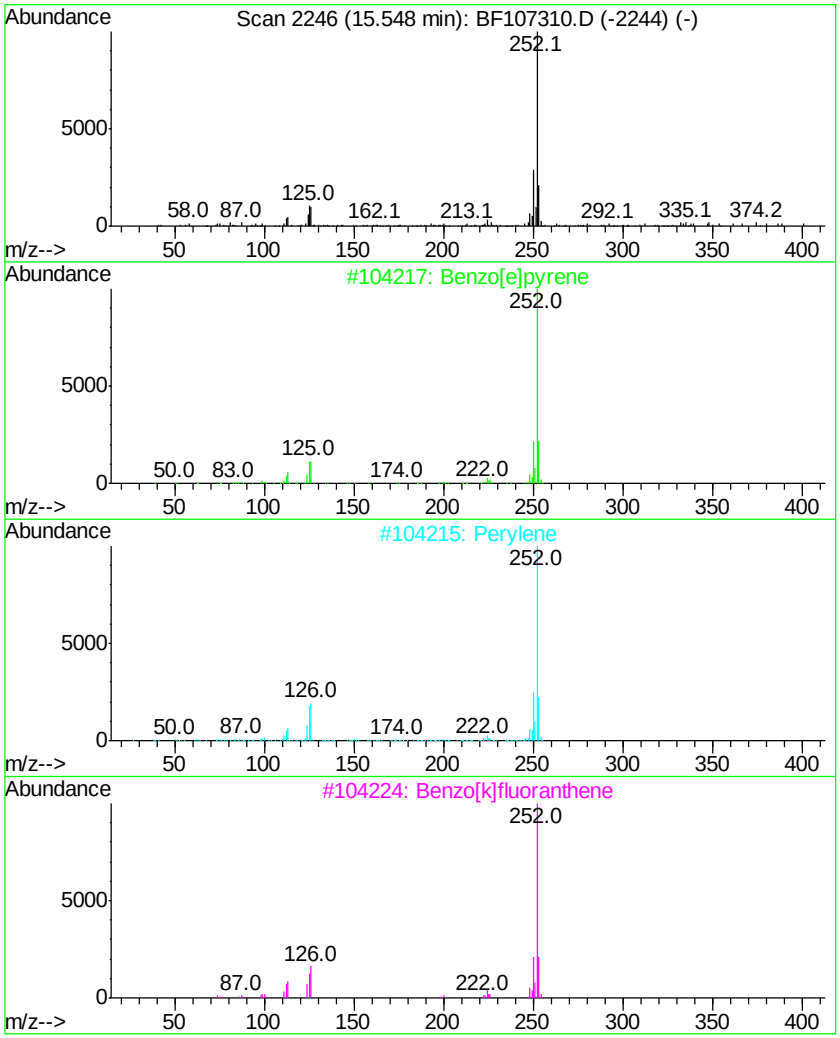
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

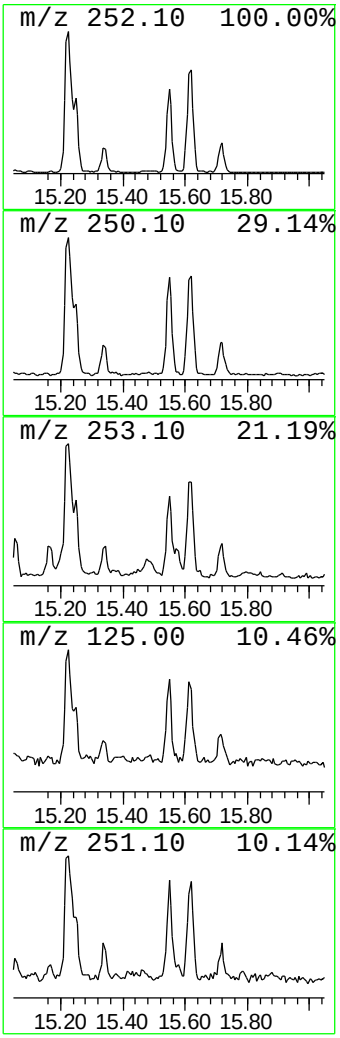
****

Peak Number 7 Benzo[e]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.55	5.15 ng	67513	Perylene-d12	15.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	95
2	Perylene	252	C20H12	000198-55-0	95
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	95
4	Benzo[j]fluoranthene	252	C20H12	000205-82-3	95
5	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF071118\
Data File : BF107310.D
Acq On : 11 Jul 2018 19:46
Operator : JU/SJ
Sample : J3914-07 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NEMH

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...	5.15	4.2	ng	79987	1	6.93	381178	20.0
unknown6.71	6.71	31.4	ng	598063	1	6.93	381178	20.0
4H-Cyclopenta[def...	12.09	2.9	ng	70025	4	11.48	489952	20.0
Pyrene, 1-methyl-	13.27	3.4	ng	112830	5	14.14	666343	20.0
Nonadecane, 1-chl...	13.94	3.0	ng	100992	5	14.14	666343	20.0
Benzo[e]pyrene	15.55	5.2	ng	67513	6	15.68	262182	20.0