LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\Data\BF040618\
Data File : BF104318.D
Acq On : 6 Apr 2018 21:03
Operator : JU/SJ
Sample : J2228-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ACV-102-20-ACV-43-30

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:\HPCHEM1\BNA_F\METHODS\8270-BF040618.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	5.016	489	498	506	rVB	99829	131547	4.83%	0.486%
2	5.410	560	565	568	rBV	2614604	2545519	93.46%	9.399%
3	6.428	732	738	742	rBV	2563895	2632209	96.64%	9.719%
4	6.569	757	762	765	rBV	2830697	2643658	97.06%	9.761%
5	6.804	798	802	805	rBV	890490	765818	28.12%	2.828%
6	6.957	824	828	831	rBV	2327321	2006034	73.65%	7.407%
7	7.363	892	897	900	rBV	1623362	1580556	58.03%	5.836%
8	8.086	1015	1020	1023	rBV	1180374	1048925	38.51%	3.873%
9	9.163	1198	1203	1206	rBV	3031761	2723651	100.00%	10.057%
10	9.239	1212	1216	1218	rBV	41708	39122	1.44%	0.144%
11	9.551	1266	1269	1273	rBV	251498	245459	9.01%	0.906%
12	9.704	1292	1295	1298	rBV3	37874	41695	1.53%	0.154%
13	9.751	1300	1303	1305	rVV	66522	64113	2.35%	0.237%
14	9.769	1305	1306	1309	rVV	84711	67414	2.48%	0.249%
15	9.839	1311	1318	1322	rVV	1343192	1165468	42.79%	4.303%
16	10.092	1359	1361	1365	rBV3	36198	36768	1.35%	0.136%
17	10.157	1369	1372	1374	rBV2	29671	30839	1.13%	0.114%
18	10.210	1378	1381	1384	rBV4	35342	38061	1.40%	0.141%
19	10.245	1384	1387	1389	rBV2	91997	86826	3.19%	0.321%
20	10.274	1389	1392	1394	rVV	103766	92139	3.38%	0.340%
21	10.304	1394	1397	1399	rVV3	33507	32705	1.20%	0.121%
22	10.386	1408	1411	1416	rBV5	28861	51465	1.89%	0.190%
23	10.492	1426	1429	1432	rVB	60697	62950	2.31%	0.232%
24	10.545	1435	1438	1442	rVB5	33958	33395	1.23%	0.123%
25	10.580	1442	1444	1447	rBV4	27768	31334	1.15%	0.116%
26	10.627	1447	1452	1455	rBV	1756524	1587458	58.28%	5.862%
27	10.751	1469	1473	1481	rVB2	174447	295899	10.86%	1.093%
28	10.957	1506	1508	1514	rVB7	39804	53800	1.98%	0.199%
29	11.198	1546	1549	1550	rBV	53324	48846	1.79%	0.180%
30	11.221	1551	1553	1560	rVB	99560	125267	4.60%	0.463%
31	11.327	1567	1571	1573	rBV	1160249	947010	34.77%	3.497%
32	11.351	1573	1575	1578	rVB	184270	138040	5.07%	0.510%
33	11.851	1658	1660	1666	rVB2	103302	109617	4.02%	0.405%
34	12.145	1708	1710	1715	rVB4	30700	35126	1.29%	0.130%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\Data\BF040618\
Data File : BF104318.D
Acq On : 6 Apr 2018 21:03
Operator : JU/SJ
Sample : J2228-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ACV-102-20-ACV-43-30

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:\HPCHEM1\BNA_F\METHODS\8270-BF040618.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.374	1746	1749	1753	rVB2	53262	48645	1.79%	0.180%
36	12.539	1773	1777	1780	rBV	398059	322007	11.82%	1.189%
37	12.768	1809	1816	1819	rBV	301837	314423	11.54%	1.161%
38	12.915	1837	1841	1844	rBV	2156171	1937517	71.14%	7.154%
39	13.092	1869	1871	1875	rVB	40246	39840	1.46%	0.147%
40	13.198	1885	1889	1892	rBV3	29689	33930	1.25%	0.125%
41	13.715	1972	1977	1980	rBV2	28363	35476	1.30%	0.131%
42	13.810	1990	1993	1999	rBV	193605	168211	6.18%	0.621%
43	13.968	2014	2020	2022	rBV2	955755	1001554	36.77%	3.698%
44	13.992	2022	2024	2032	rVB	185594	164236	6.03%	0.606%
45	14.074	2035	2038	2041	rVB2	32652	31229	1.15%	0.115%
46	14.451	2098	2102	2104	rBV2	27829	30586	1.12%	0.113%
47	14.998	2190	2195	2198	rBV	151209	219755	8.07%	0.811%
48	15.104	2211	2213	2219	rVB	29924	31026	1.14%	0.115%
49	15.298	2242	2246	2251	rVB	78725	98825	3.63%	0.365%
50	15.356	2251	2256	2261	rBV	111591	132823	4.88%	0.490%
51	15.421	2261	2267	2271	rBV	652293	799790	29.36%	2.953%
52	15.892	2343	2347	2351	rBV3	23808	34323	1.26%	0.127%
53	16.850	2505	2510	2516	rVB2	34355	64685	2.37%	0.239%
54	17.280	2578	2583	2588	rBV	21347	35067	1.29%	0.129%

Sum of corrected areas: 27082681

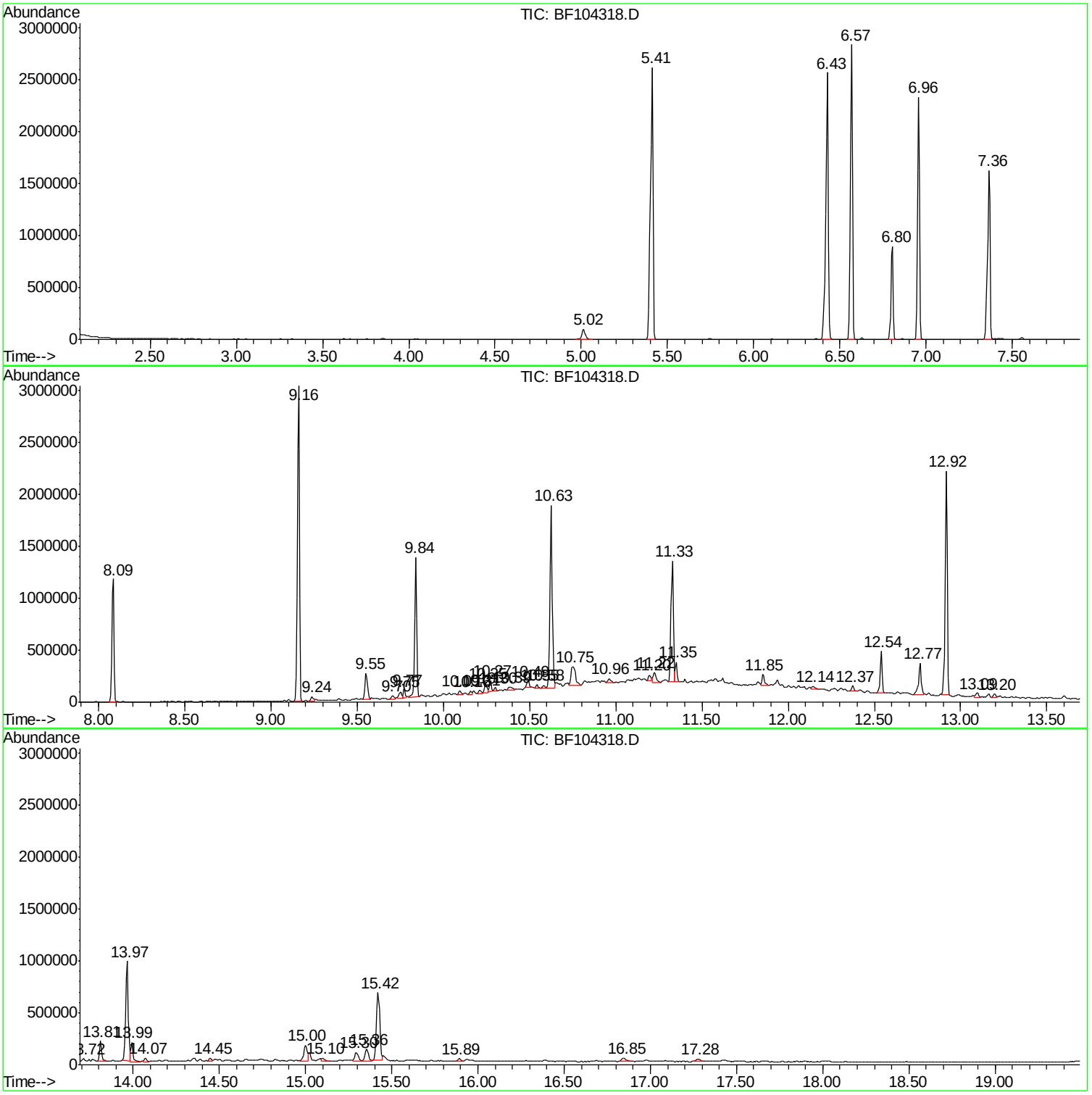
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\Data\BF040618\
Data File : BF104318.D
Acq On : 6 Apr 2018 21:03
Operator : JU/SJ
Sample : J2228-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ACV-102-20-ACV-43-30

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.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:\HPCHEM1\BNA F\Data\BF040618\
Data File : BF104318.D
Acq On : 6 Apr 2018 21:03
Operator : JU/SJ
Sample : J2228-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ACV-102-20-ACV-43-30

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

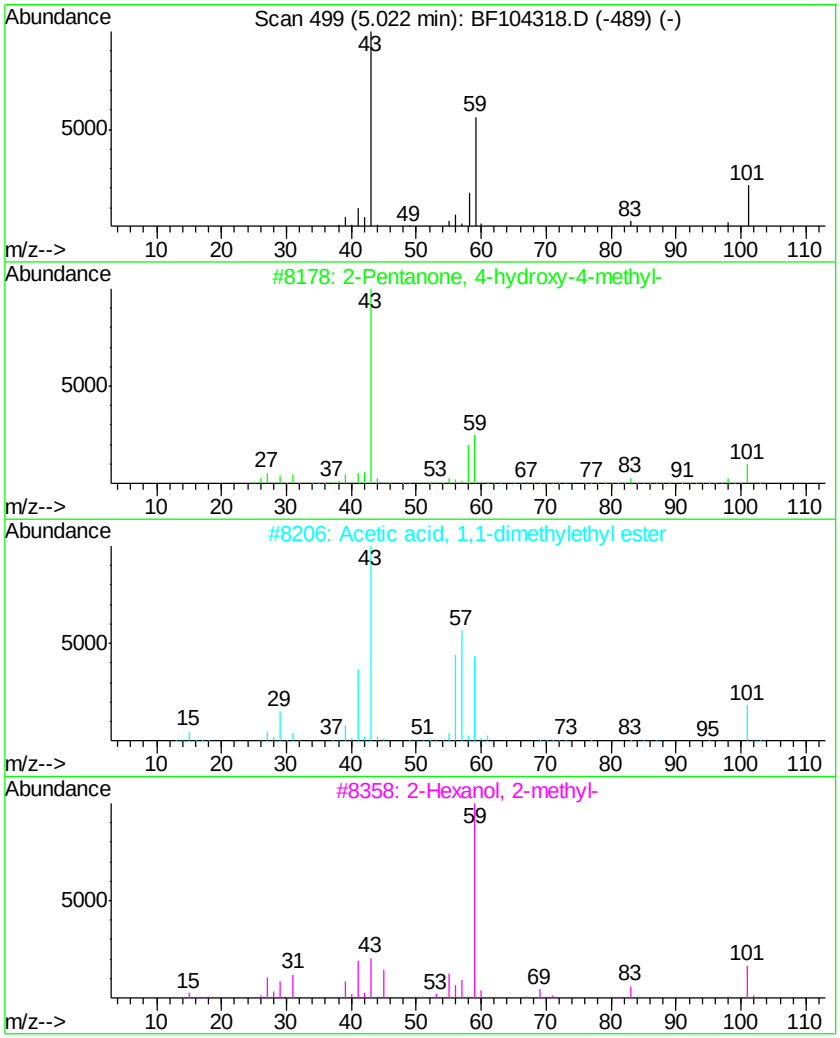
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

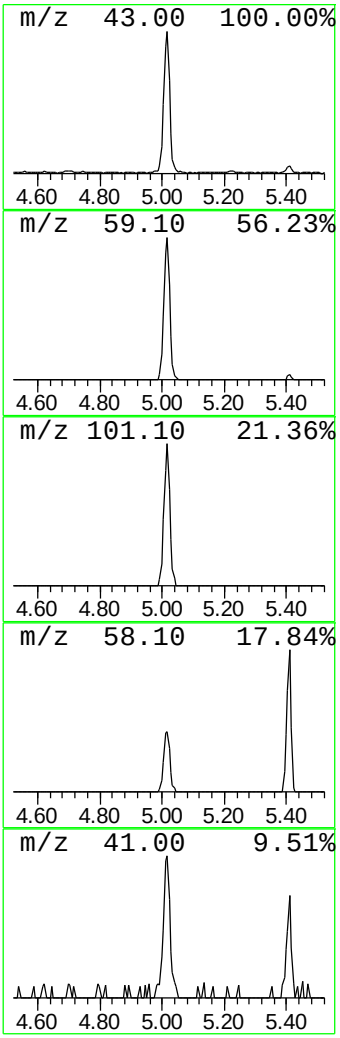
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.02	3.44 ng	131547	1,4-Dichlorobenzene-d4	6.80

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	38
3	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
5	5-Hexen-2-one	98	C6H10O	000109-49-9	10





Data Path : Z:\HPCHEM1\BNA F\Data\BF040618\
Data File : BF104318.D
Acq On : 6 Apr 2018 21:03
Operator : JU/SJ
Sample : J2228-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ACV-102-20-ACV-43-30

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

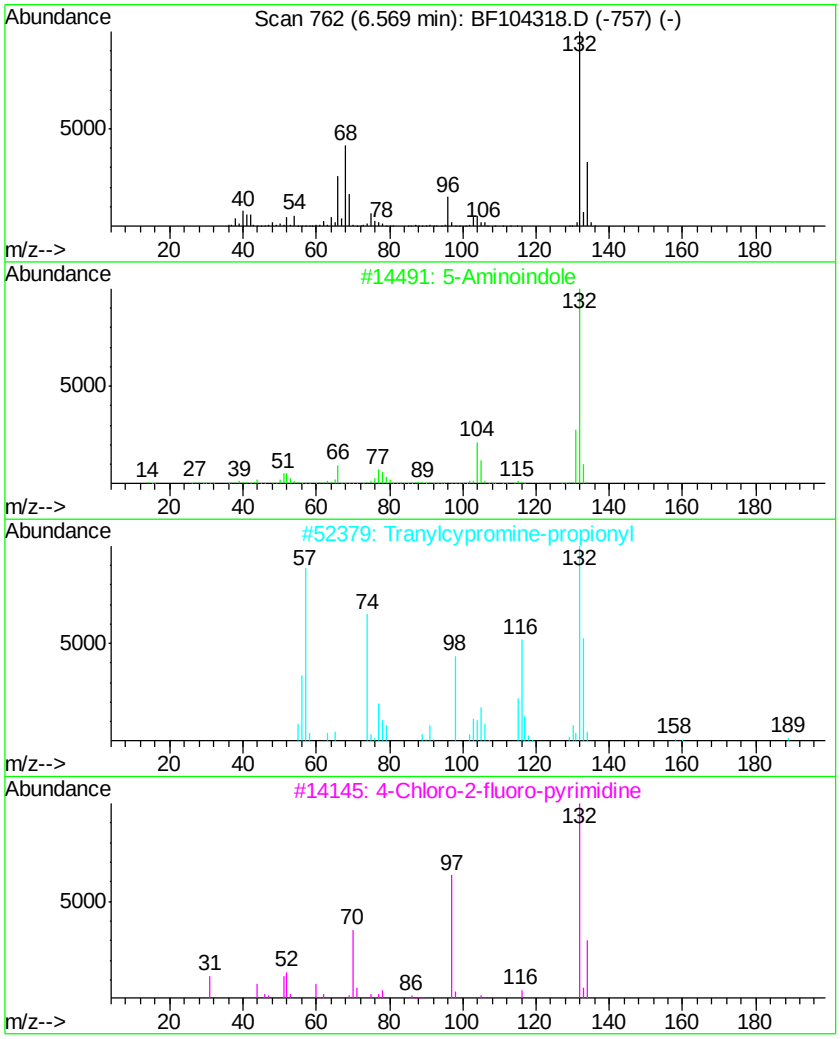
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

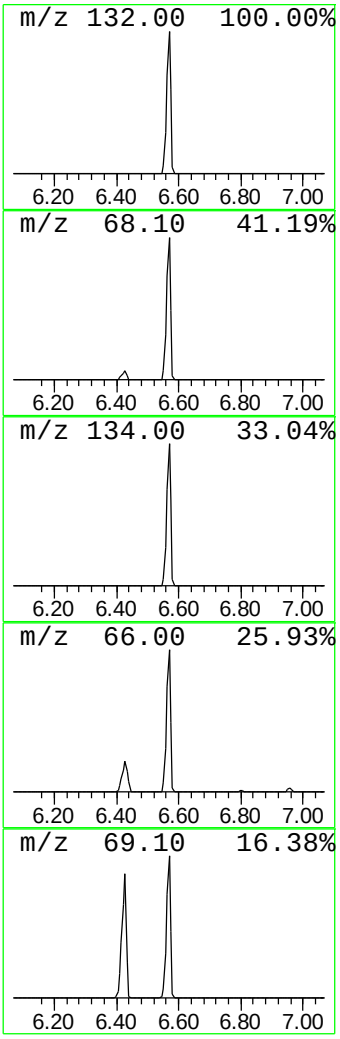
****

Peak Number 2 unknown6.57 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.57	69.04 ng	2643660	1,4-Dichlorobenzene-d4	6.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Aminoindole	132	C8H8N2	005192-03-0	12
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
3	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
4	1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9
5	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9





Data Path : Z:\HPCHEM1\BNA F\Data\BF040618\
Data File : BF104318.D
Acq On : 6 Apr 2018 21:03
Operator : JU/SJ
Sample : J2228-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ACV-102-20-ACV-43-30

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.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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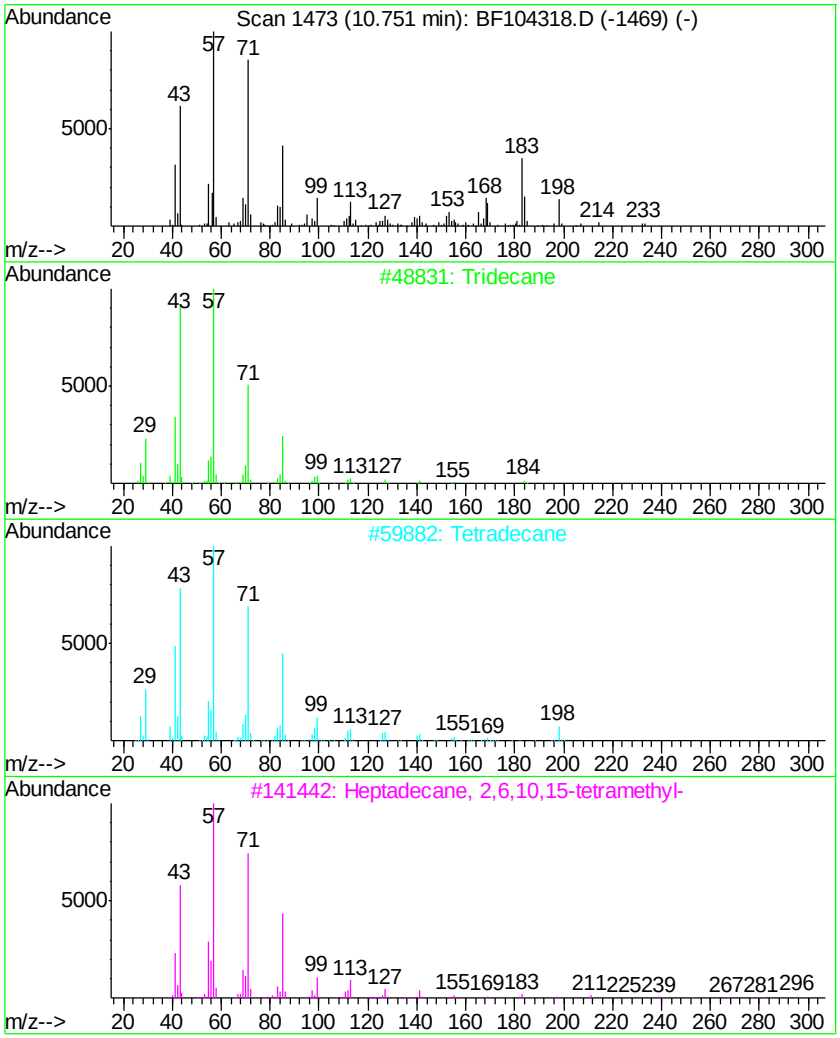
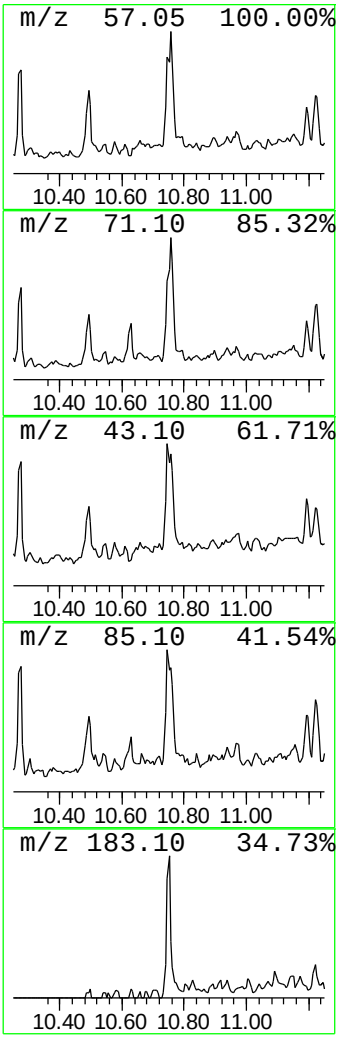
Peak Number 4 Tridecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.75	6.25 ng	295899	Phenanthrene-d10	11.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	89
2	Tetradecane	198	C14H30	000629-59-4	86
3	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	62
4	Tetracosane	338	C24H50	000646-31-1	58
5	Hexadecane	226	C16H34	000544-76-3	58





Data Path : Z:\HPCHEM1\BNA F\Data\BF040618\
Data File : BF104318.D
Acq On : 6 Apr 2018 21:03
Operator : JU/SJ
Sample : J2228-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ACV-102-20-ACV-43-30

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.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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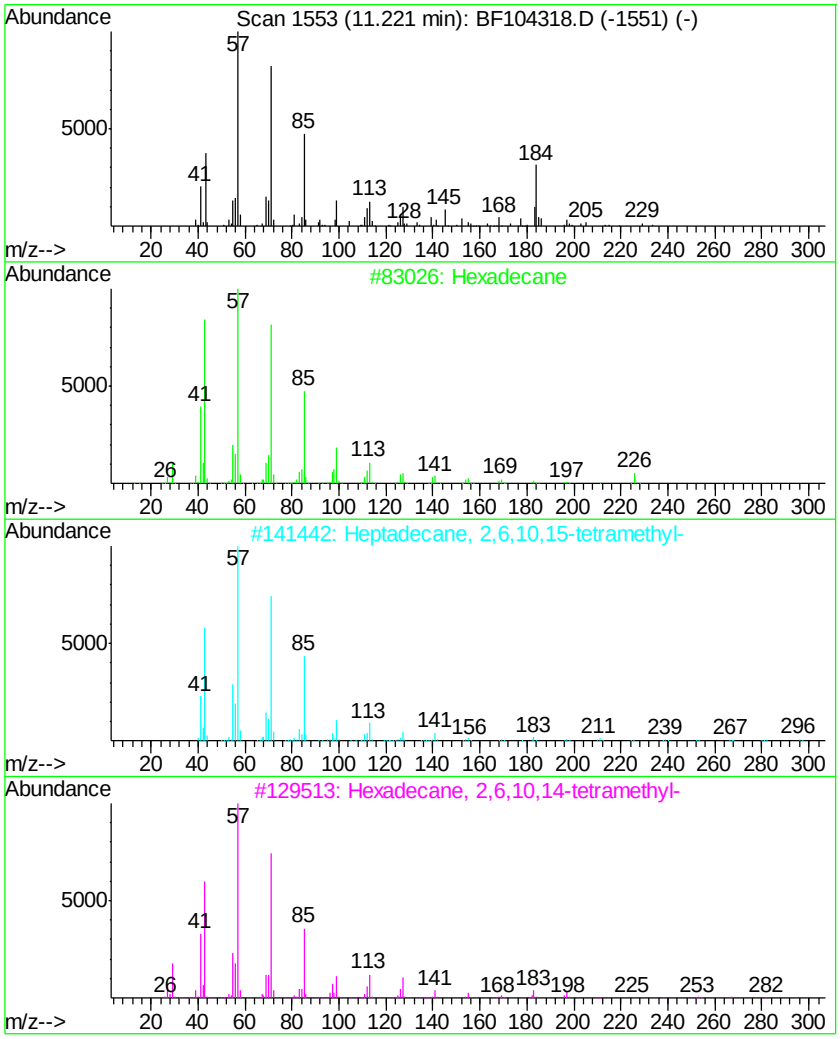
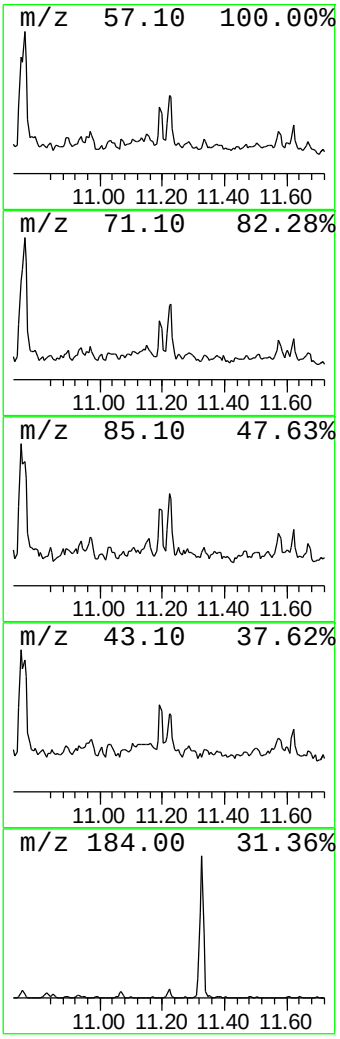
Peak Number 5 Hexadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.22	2.65 ng	125267	Phenanthrene-d10	11.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	72
2	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	72
3	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	64
4	Sulfurous acid, butyl nonyl ester	264	C13H28O3S	1000309-17-6	53
5	Heptacosane	380	C27H56	000593-49-7	53





Data Path : Z:\HPCHEM1\BNA F\Data\BF040618\
Data File : BF104318.D
Acq On : 6 Apr 2018 21:03
Operator : JU/SJ
Sample : J2228-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ACV-102-20-ACV-43-30

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

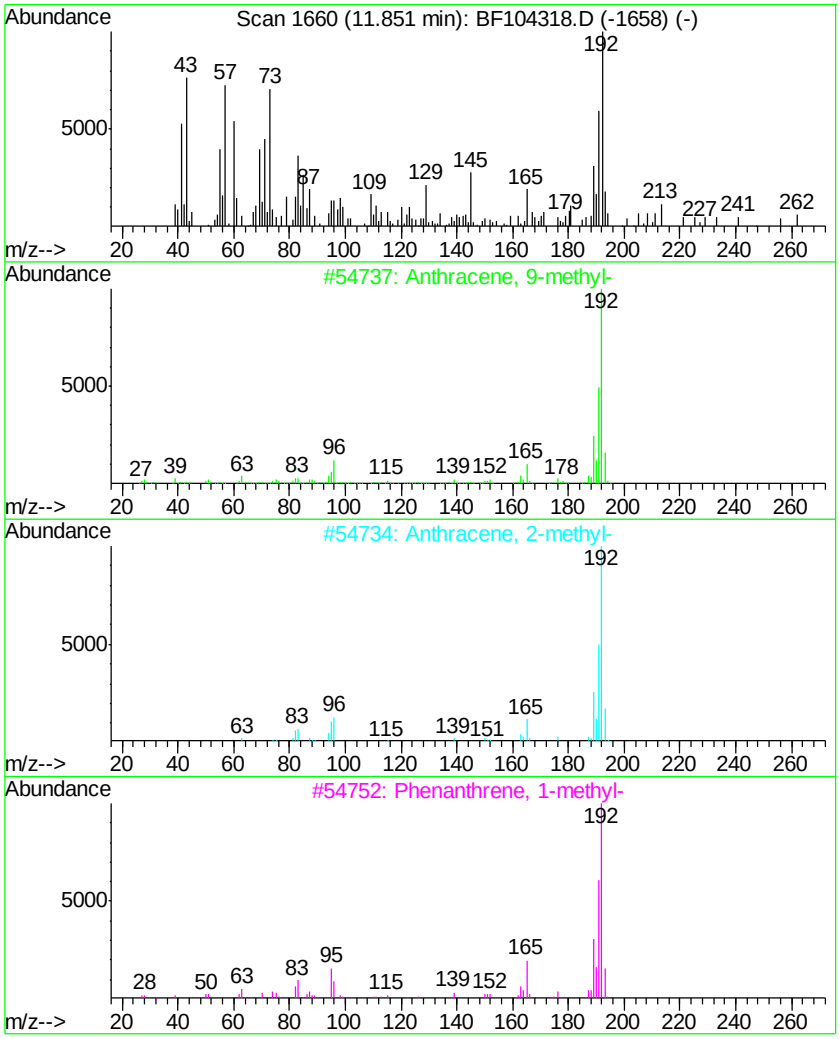
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

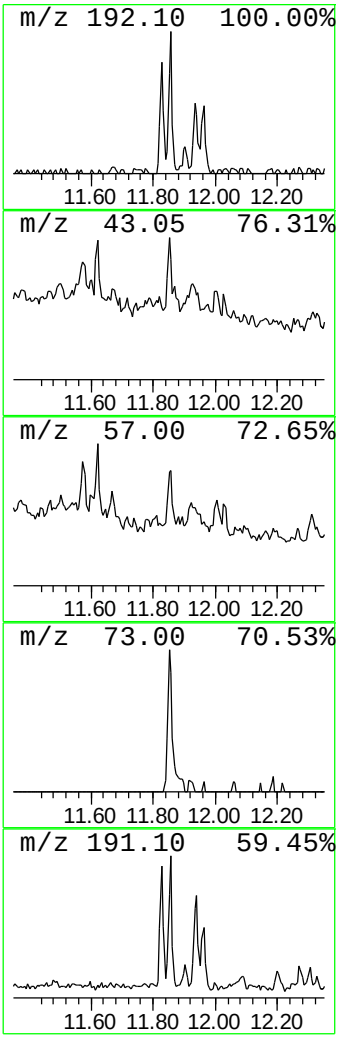
****

Peak Number 6 Anthracene, 9-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.85	2.32 ng	109617	Phenanthrene-d10	11.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 9-methyl-	192	C15H12	000779-02-2	55
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	46
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	46
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	42
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	42





Data Path : Z:\HPCHEM1\BNA F\Data\BF040618\
Data File : BF104318.D
Acq On : 6 Apr 2018 21:03
Operator : JU/SJ
Sample : J2228-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ACV-102-20-ACV-43-30

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.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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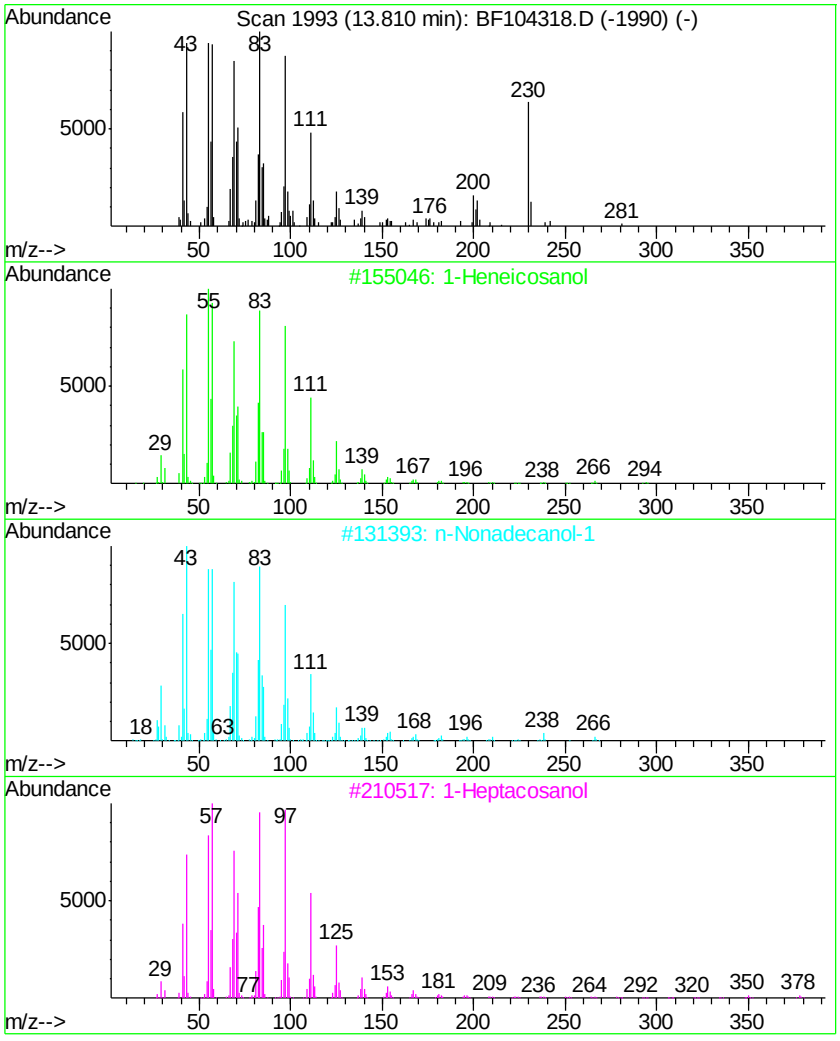
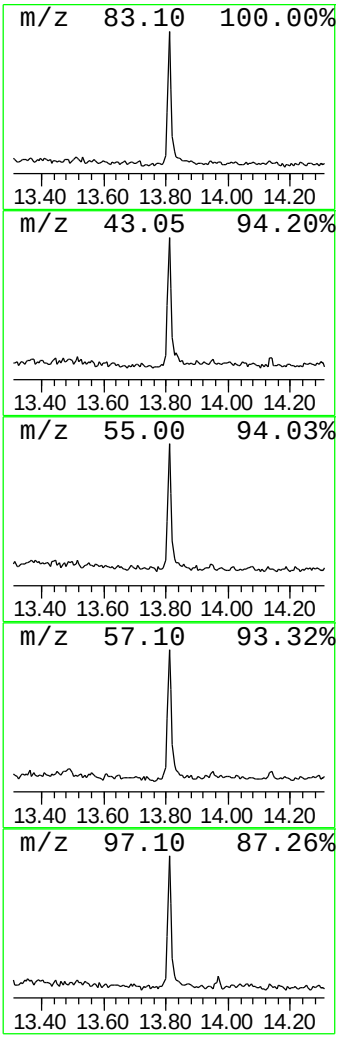
Peak Number 7 1-Heneicosanol Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.81	3.36 ng	168211	Chrysene-d12	13.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosanol	312	C21H44O	015594-90-8	93
2	n-Nonadecanol-1	284	C19H40O	001454-84-8	93
3	1-Heptacosanol	396	C27H56O	002004-39-9	91
4	1-Nonadecene	266	C19H38	018435-45-5	90
5	Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	90





Data Path : Z:\HPCHEM1\BNA F\Data\BF040618\
Data File : BF104318.D
Acq On : 6 Apr 2018 21:03
Operator : JU/SJ
Sample : J2228-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ACV-102-20-ACV-43-30

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.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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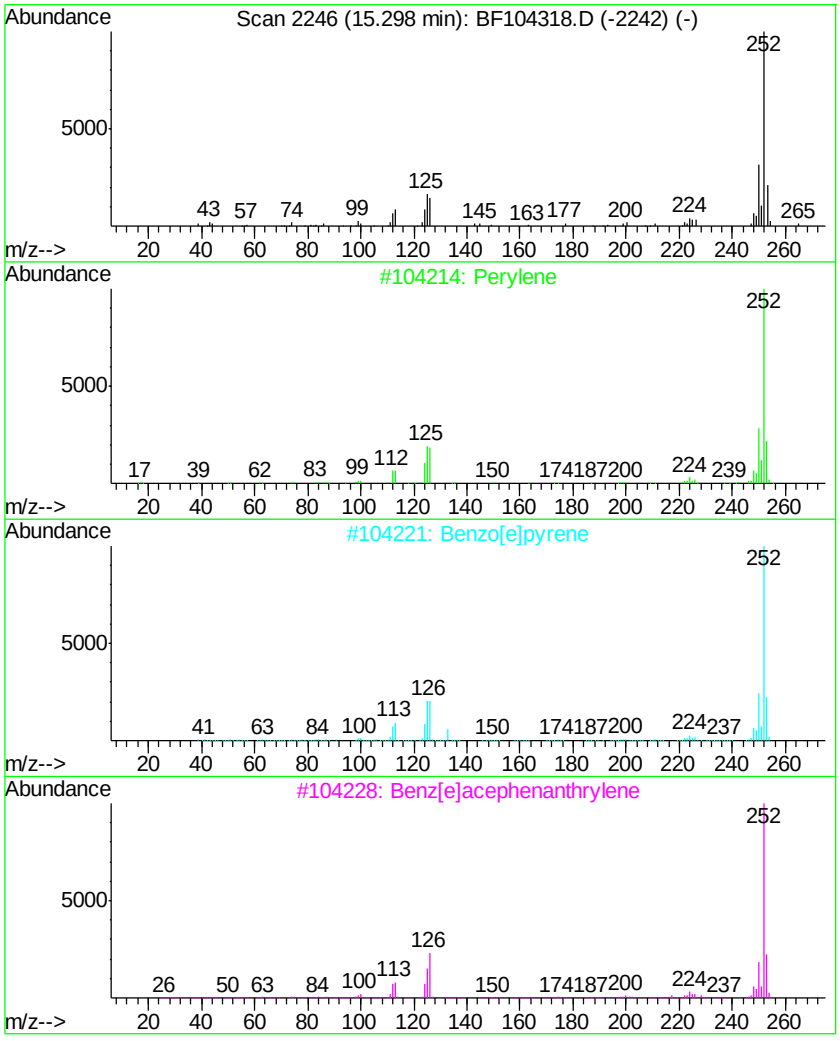
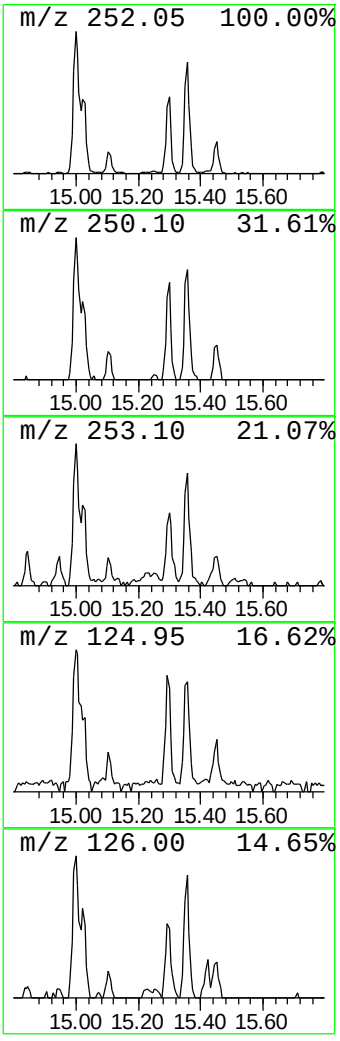
Peak Number 8 Perylene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.30	2.47 ng	98825	Perylene-d12	15.42

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





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\Data\BF040618\
Data File : BF104318.D
Acq On : 6 Apr 2018 21:03
Operator : JU/SJ
Sample : J2228-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ACV-102-20-ACV-43-30

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.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...	5.02	3.4	ng	131547	1	6.80	765818	20.0
unknown6.57	6.57	69.0	ng	2643660	1	6.80	765818	20.0
Tridecane	10.75	6.3	ng	295899	4	11.33	947010	20.0
Hexadecane	11.22	2.6	ng	125267	4	11.33	947010	20.0
Anthracene, 9-met...	11.85	2.3	ng	109617	4	11.33	947010	20.0
1-Heneicosanol	13.81	3.4	ng	168211	5	13.97	1001550	20.0
Perylene	15.30	2.5	ng	98825	6	15.42	799790	20.0