LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042418\
Data File : BF104767.D
Acq On : 24 Apr 2018 20:07
Operator : JU/SJ
Sample : J2508-05
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-2

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	5.010	492	497	509	rBV	59036	78535	4.38%	0.415%
2	5.387	557	561	564	rBV	21539	28107	1.57%	0.149%
3	5.428	564	568	581	rVB	1695709	1583225	88.29%	8.373%
4	5.645	601	605	610	rVB2	28498	26600	1.48%	0.141%
5	6.451	738	742	760	rBV	1717817	1684580	93.94%	8.909%
6	6.581	760	764	767	rBV	2101483	1745051	97.32%	9.228%
7	6.810	799	803	806	rBV	758224	642791	35.85%	3.399%
8	6.963	825	829	833	rBV	1695137	1421270	79.26%	7.516%
9	7.375	894	899	902	rBV	1217470	1051326	58.63%	5.560%
10	8.092	1018	1021	1024	rBV	980012	811659	45.26%	4.292%
11	8.363	1063	1067	1074	rBV	18577	24667	1.38%	0.130%
12	8.804	1139	1142	1148	rVB2	23660	27274	1.52%	0.144%
13	9.169	1200	1204	1207	rBV	2122800	1793198	100.00%	9.483%
14	9.239	1214	1216	1219	rVB	24901	20306	1.13%	0.107%
15	9.563	1267	1271	1277	rVB	144524	146164	8.15%	0.773%
16	9.710	1293	1296	1299	rBV	28697	23434	1.31%	0.124%
17	9.769	1302	1306	1309	rBV	48659	37991	2.12%	0.201%
18	9.851	1316	1320	1324	rBV	977855	843997	47.07%	4.463%
19	10.269	1383	1391	1394	rBV2	63589	72199	4.03%	0.382%
20	10.398	1410	1413	1420	rVB3	13833	20430	1.14%	0.108%
21	10.486	1422	1428	1430	rBV2	18472	22106	1.23%	0.117%
22	10.639	1451	1454	1464	rBV	938872	972020	54.21%	5.140%
23	10.745	1469	1472	1481	rVB	55366	75506	4.21%	0.399%
24	11.192	1545	1548	1551	rBV2	46017	40626	2.27%	0.215%
25	11.339	1569	1573	1575	rBV	880257	735191	41.00%	3.888%
26	11.363	1575	1577	1583	rVV	237617	190184	10.61%	1.006%
27	11.416	1583	1586	1589	rVV	39117	33126	1.85%	0.175%
28	11.574	1609	1613	1616	rBV	19793	21250	1.19%	0.112%
29	11.839	1653	1658	1660	rBV	46401	51979	2.90%	0.275%
30	11.869	1660	1663	1666	rVB	65861	66888	3.73%	0.354%
31	11.951	1674	1677	1680	rBV2	54784	59743	3.33%	0.316%
32	11.974	1680	1681	1687	rVB	36673	29284	1.63%	0.155%
33	12.027	1687	1690	1692	rBV3	23151	22835	1.27%	0.121%
34	12.139	1706	1709	1711	rBV	34341	32729	1.83%	0.173%

LSC Area Percent Report

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Acq On : 24 Apr 2018 20:07
Operator : JU/SJ
Sample : J2508-05
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-2

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	12.169	1711	1714	1719	rVB3	27182	32297	1.80%	0.171%
36	12.392	1747	1752	1754	rBV	44931	46007	2.57%	0.243%
37	12.421	1754	1757	1760	rVV4	29030	43300	2.41%	0.229%
38	12.480	1764	1767	1771	rVV3	27719	33244	1.85%	0.176%
39	12.557	1777	1780	1785	rVB	356112	295458	16.48%	1.562%
40	12.710	1799	1806	1808	rBV4	16795	32746	1.83%	0.173%
41	12.786	1813	1819	1825	rBV	346726	374856	20.90%	1.982%
42	12.839	1825	1828	1831	rVB2	23001	27558	1.54%	0.146%
43	12.927	1836	1843	1846	rBV	1389097	1335718	74.49%	7.064%
44	13.004	1852	1856	1860	rBV4	26619	43993	2.45%	0.233%
45	13.110	1872	1874	1878	rVB2	39342	41572	2.32%	0.220%
46	13.180	1883	1886	1888	rBV2	25473	23893	1.33%	0.126%
47	13.216	1889	1892	1895	rVV2	34946	38281	2.13%	0.202%
48	13.310	1906	1908	1911	rBV2	28664	20717	1.16%	0.110%
49	13.345	1911	1914	1916	rBV	28923	29927	1.67%	0.158%
50	13.457	1930	1933	1936	rVB	112430	91310	5.09%	0.483%
51	13.627	1959	1962	1965	rVB	42864	44548	2.48%	0.236%
52	13.733	1978	1980	1983	rBV2	26609	25180	1.40%	0.133%
53	13.763	1983	1985	1987	rVB	29246	23154	1.29%	0.122%
54	13.786	1987	1989	1991	rBV2	23756	25686	1.43%	0.136%
55	13.816	1991	1994	1996	rBV2	49447	46516	2.59%	0.246%
56	13.957	2015	2018	2019	rBV2	39991	38521	2.15%	0.204%
57	13.986	2019	2023	2026	rVV2	694379	810270	45.19%	4.285%
58	14.015	2026	2028	2035	rVB	176951	172426	9.62%	0.912%
59	15.033	2197	2201	2204	rBV	139778	193939	10.82%	1.026%
60	15.333	2250	2252	2259	rVB	62930	74750	4.17%	0.395%
61	15.398	2260	2263	2268	rVB	90201	107701	6.01%	0.570%
62	15.462	2270	2274	2278	rBV	325032	399941	22.30%	2.115%

Sum of corrected areas: 18909780

LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042418\
Data File : BF104767.D
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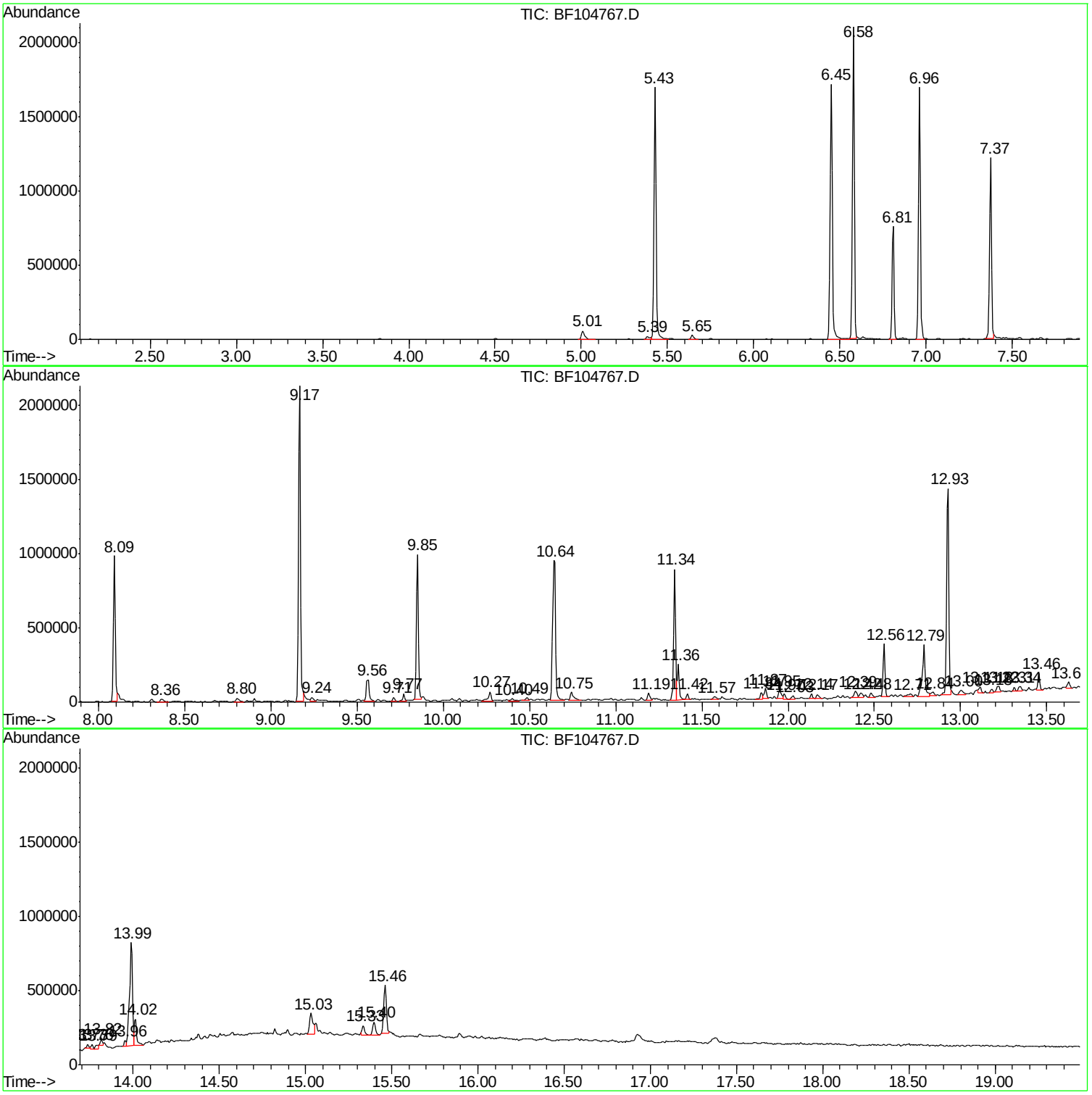
Operator : JU/SJ
Sample : J2508-05
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-2

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



Data Path : Z:\HPCHEM1\BNA F\DATA\BF042418\
Data File : BF104767.D
Acq On : 24 Apr 2018 20:07
Operator : JU/SJ
Sample : J2508-05
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-2

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

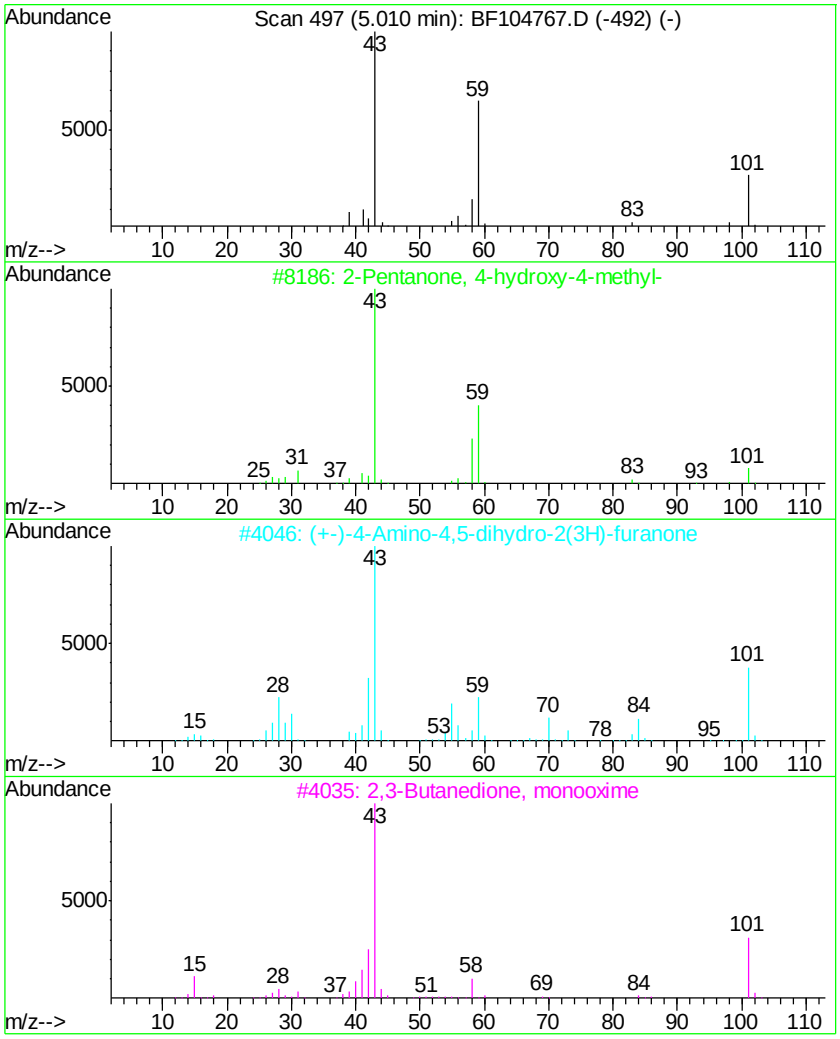
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

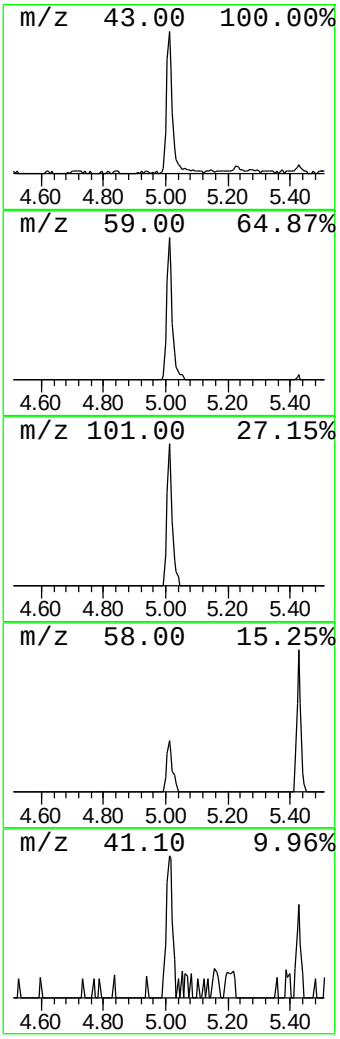
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.01	2.44 ng	78535	1,4-Dichlorobenzene-d4	6.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	47
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	25
4	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9
5	5-Hexen-2-one	98	C6H10O	000109-49-9	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF042418\
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Acq On : 24 Apr 2018 20:07
Operator : JU/SJ
Sample : J2508-05
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-2

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

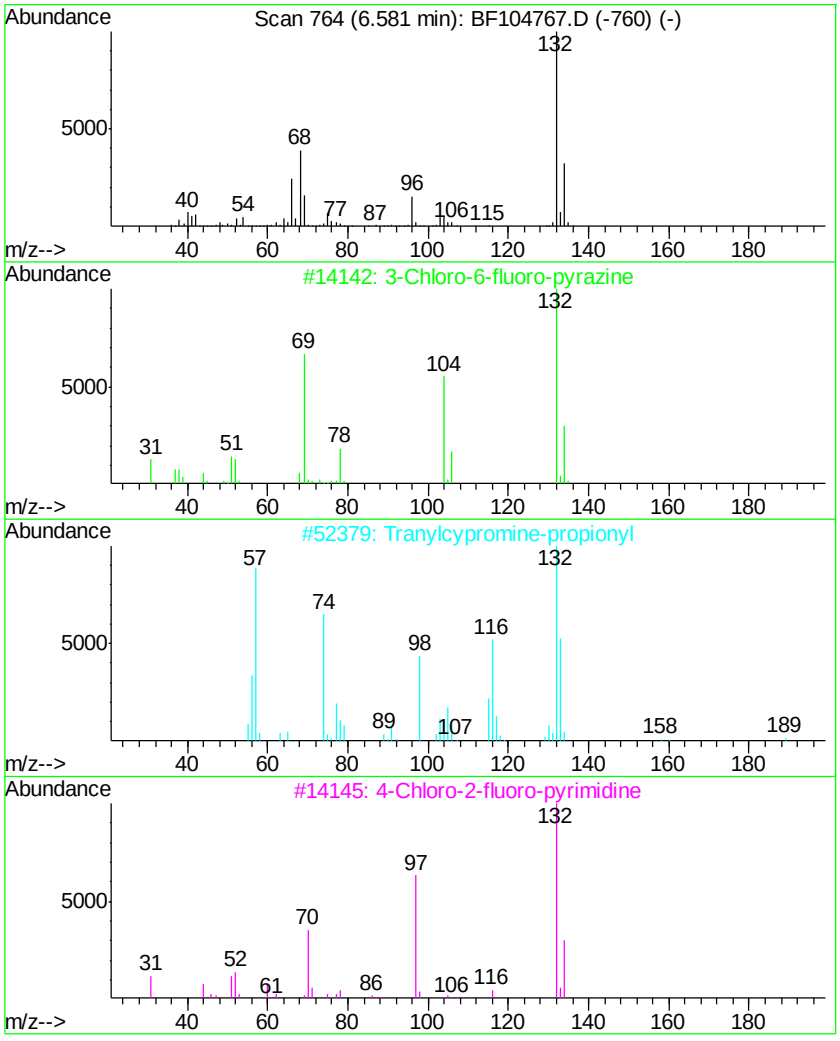
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

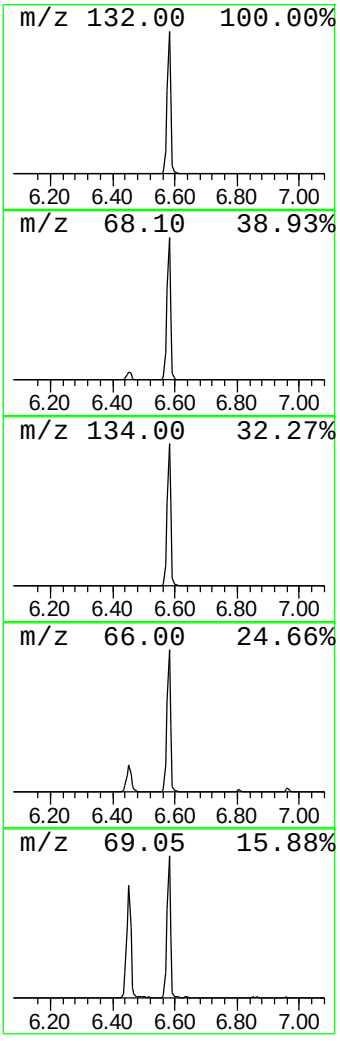
****

Peak Number 2 unknown6.58 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.58	54.30 ng	1745050	1,4-Dichlorobenzene-d4	6.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
3	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
4	4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9
5	Imidazole, 4,5-dicyano-1-methyl-	132	C6H4N4	019485-35-9	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042418\
Data File : BF104767.D
Acq On : 24 Apr 2018 20:07
Operator : JU/SJ
Sample : J2508-05
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-2

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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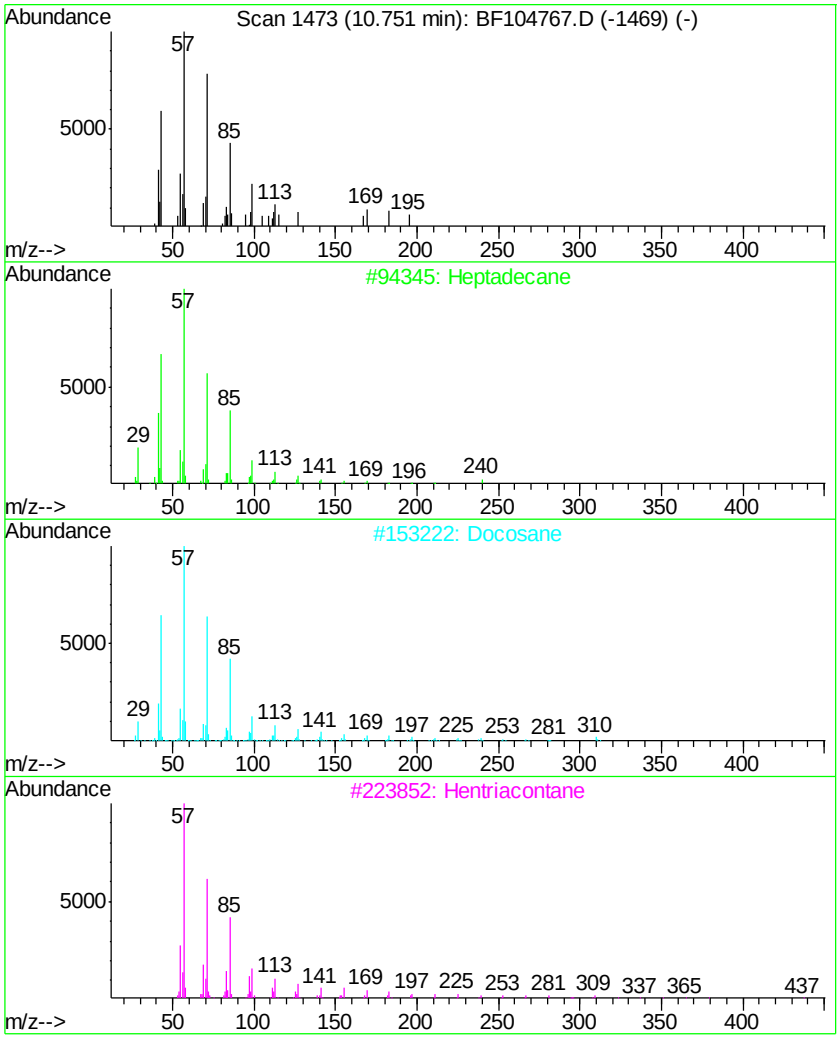
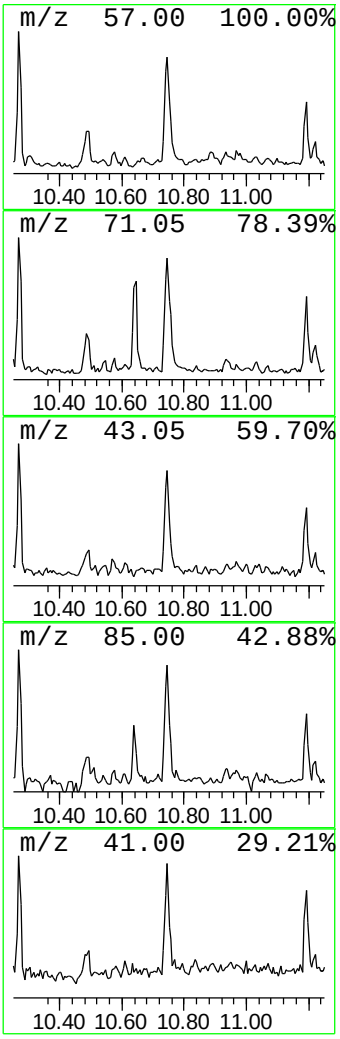
Peak Number 4 Heptadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.75	2.05 ng	75506	Phenanthrene-d10	11.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	87
2	Docosane	310	C22H46	000629-97-0	86
3	Hentriacontane	437	C31H64	000630-04-6	80
4	Pentadecane	212	C15H32	000629-62-9	80
5	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	80





Data Path : Z:\HPCHEM1\BNA F\DATA\BF042418\
Data File : BF104767.D
Acq On : 24 Apr 2018 20:07
Operator : JU/SJ
Sample : J2508-05
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-2

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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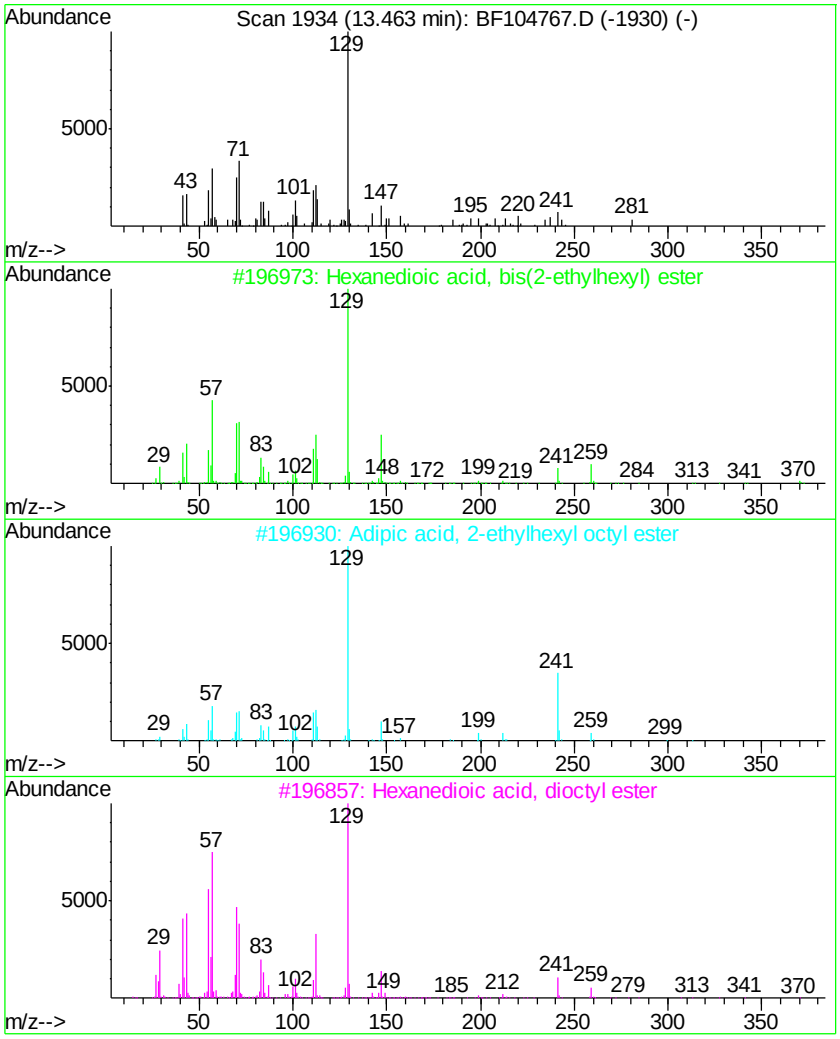
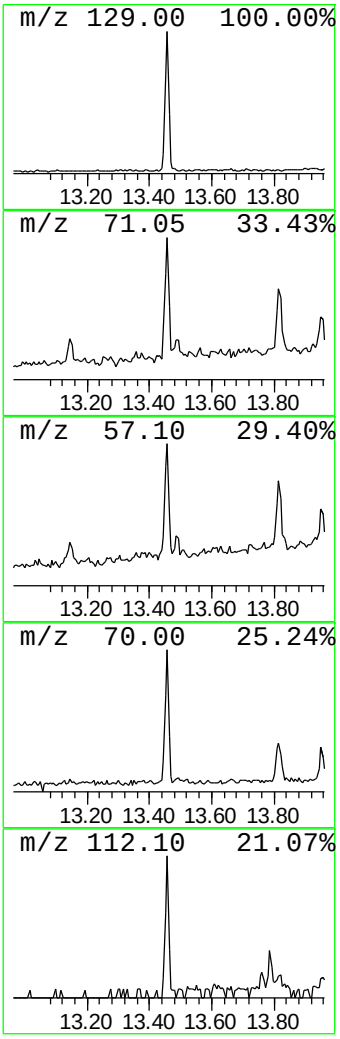
Peak Number 5 Hexanedioic acid, bis(2-eth... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.46	2.25 ng	91310	Chrysene-d12	13.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanedioic acid, bis(2-ethylhex...	370	C22H42O4	000103-23-1	87
2	Adipic acid, 2-ethylhexyl octyl ...	370	C22H42O4	1000324-48-6	83
3	Hexanedioic acid, dioctyl ester	370	C22H42O4	000123-79-5	80
4	Diisooctyl adipate	370	C22H42O4	001330-86-5	80
5	Adipic acid, 2,4-dimethylpent-3-...	328	C19H36O4	1000349-77-9	50





Library Search Compound Report

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Sample : J2508-05
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-2

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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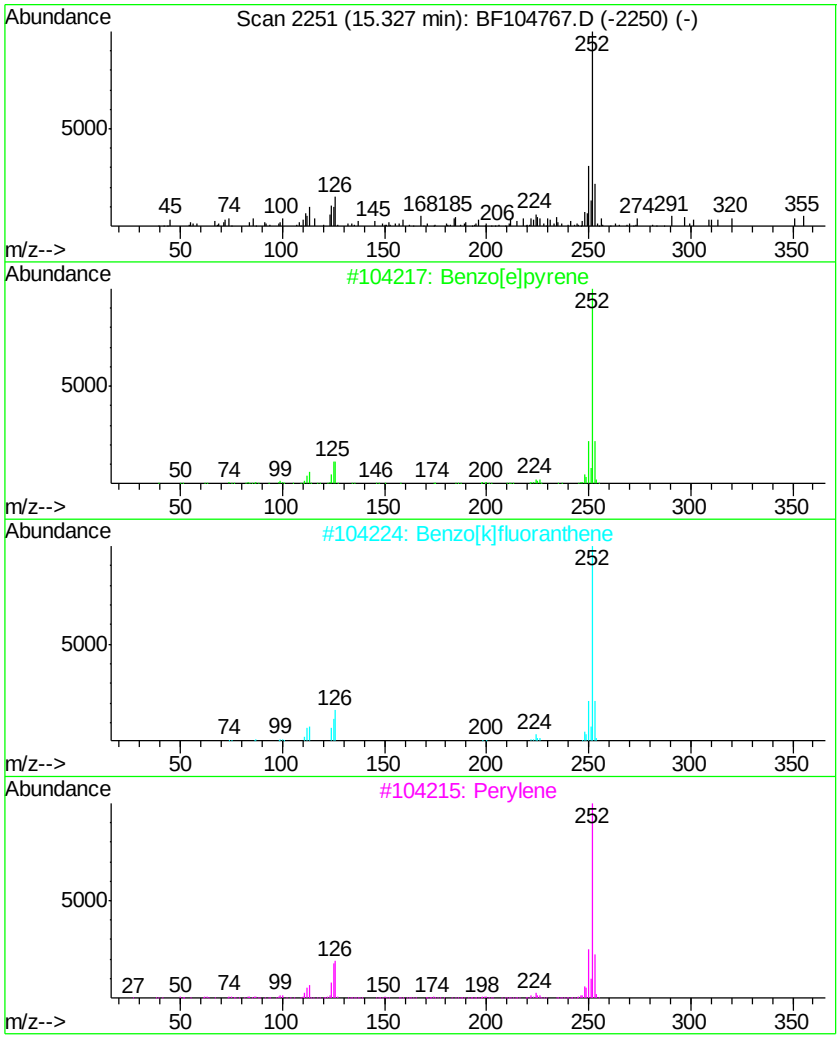
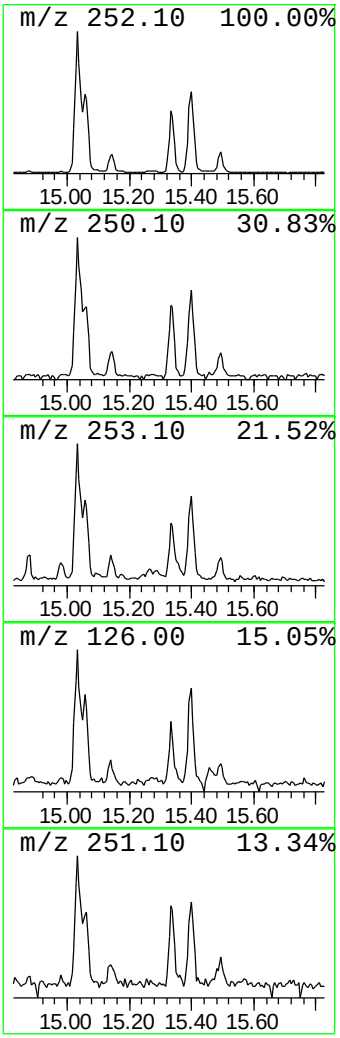
Peak Number 6 Benzo[e]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.33	3.74 ng	74750	Perylene-d12	15.46

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	96
3	Perylene	252	C20H12	000198-55-0	90
4	Benzo[a]pyrene	252	C20H12	000050-32-8	89
5	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	76





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042418\
Data File : BF104767.D
Acq On : 24 Apr 2018 20:07
Operator : JU/SJ
Sample : J2508-05
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-2

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...	5.01	2.4	ng	78535	1	6.81	642791	20.0
unknown6.58	6.58	54.3	ng	1745050	1	6.81	642791	20.0
Heptadecane	10.75	2.0	ng	75506	4	11.34	735191	20.0
Hexanedioic acid,...	13.46	2.3	ng	91310	5	13.99	810270	20.0
Benzo[e]pyrene	15.33	3.7	ng	74750	6	15.46	399941	20.0