LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042418\
Data File : BF104766.D
Acq On : 24 Apr 2018 19:41
Operator : JU/SJ
Sample : J2508-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-1

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	493	497	506	rBV	60411	78093	4.20%	0.412%
2	5.428	564	568	583	rBV	1718164	1716430	92.31%	9.051%
3	6.451	738	742	754	rBV	1786746	1809538	97.31%	9.542%
4	6.581	760	764	767	rBV	2131509	1848945	99.43%	9.750%
5	6.810	799	803	806	rBV	681358	569083	30.60%	3.001%
6	6.963	825	829	833	rBV	1700530	1452302	78.10%	7.659%
7	7.375	894	899	902	rBV	1253149	1088199	58.52%	5.738%
8	8.092	1018	1021	1037	rVB	895468	791852	42.58%	4.176%
9	9.169	1200	1204	1207	rBV	2244115	1859492	100.00%	9.806%
10	9.563	1267	1271	1277	rVB	163167	151386	8.14%	0.798%
11	9.769	1303	1306	1311	rVB	52902	40618	2.18%	0.214%
12	9.851	1316	1320	1324	rVV	919470	804831	43.28%	4.244%
13	9.880	1324	1325	1333	rVB2	33074	26281	1.41%	0.139%
14	10.269	1388	1391	1394	rVB2	70729	60353	3.25%	0.318%
15	10.486	1422	1428	1431	rBV2	21312	24875	1.34%	0.131%
16	10.645	1451	1455	1464	rBV	1174494	1125020	60.50%	5.933%
17	10.745	1469	1472	1482	rVB	57747	72753	3.91%	0.384%
18	11.192	1545	1548	1551	rBV3	45338	41521	2.23%	0.219%
19	11.339	1569	1573	1575	rBV	832429	702507	37.78%	3.705%
20	11.363	1575	1577	1583	rVV	261484	219733	11.82%	1.159%
21	11.416	1583	1586	1589	rVB	39213	31792	1.71%	0.168%
22	11.574	1608	1613	1618	rBV2	28234	38735	2.08%	0.204%
23	11.839	1656	1658	1660	rBV	35417	33736	1.81%	0.178%
24	11.868	1660	1663	1666	rVB	50689	52630	2.83%	0.278%
25	11.951	1674	1677	1680	rBV2	48960	57138	3.07%	0.301%
26	12.139	1706	1709	1711	rBV	27039	24431	1.31%	0.129%
27	12.168	1711	1714	1720	rVB5	22330	26917	1.45%	0.142%
28	12.392	1748	1752	1754	rBV	32983	36765	1.98%	0.194%
29	12.427	1754	1758	1760	rVV4	25247	38671	2.08%	0.204%
30	12.480	1764	1767	1771	rVB4	17452	24619	1.32%	0.130%
31	12.557	1776	1780	1784	rVB	343869	289038	15.54%	1.524%
32	12.786	1813	1819	1822	rBV	298403	313825	16.88%	1.655%
33	12.927	1836	1843	1846	rBV	1720698	1518758	81.68%	8.009%
34	13.004	1852	1856	1861	rBV5	24059	46475	2.50%	0.245%

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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	13.115	1872	1875	1879	rVB	43809	41161	2.21%	0.217%
36	13.215	1889	1892	1895	rBV2	30601	38940	2.09%	0.205%
37	13.345	1911	1914	1920	rBV6	15936	22847	1.23%	0.120%
38	13.398	1920	1923	1926	rVB2	43348	43200	2.32%	0.228%
39	13.627	1959	1962	1967	rVB	31452	34371	1.85%	0.181%
40	13.733	1978	1980	1983	rBV2	23872	22275	1.20%	0.117%
41	13.815	1991	1994	1996	rBV2	56797	52182	2.81%	0.275%
42	13.951	2015	2017	2019	rBV	56179	53313	2.87%	0.281%
43	13.986	2019	2023	2026	rVV2	659866	743657	39.99%	3.922%
44	14.015	2026	2028	2031	rVB	140338	116078	6.24%	0.612%
45	15.033	2197	2201	2203	rBV	110767	134441	7.23%	0.709%
46	15.333	2250	2252	2259	rVB	54813	61997	3.33%	0.327%
47	15.398	2260	2263	2268	rVB	82890	105069	5.65%	0.554%
48	15.462	2269	2274	2285	rVB	335656	476254	25.61%	2.511%

Sum of corrected areas: 18963127

LSC Report - Integrated Chromatogram

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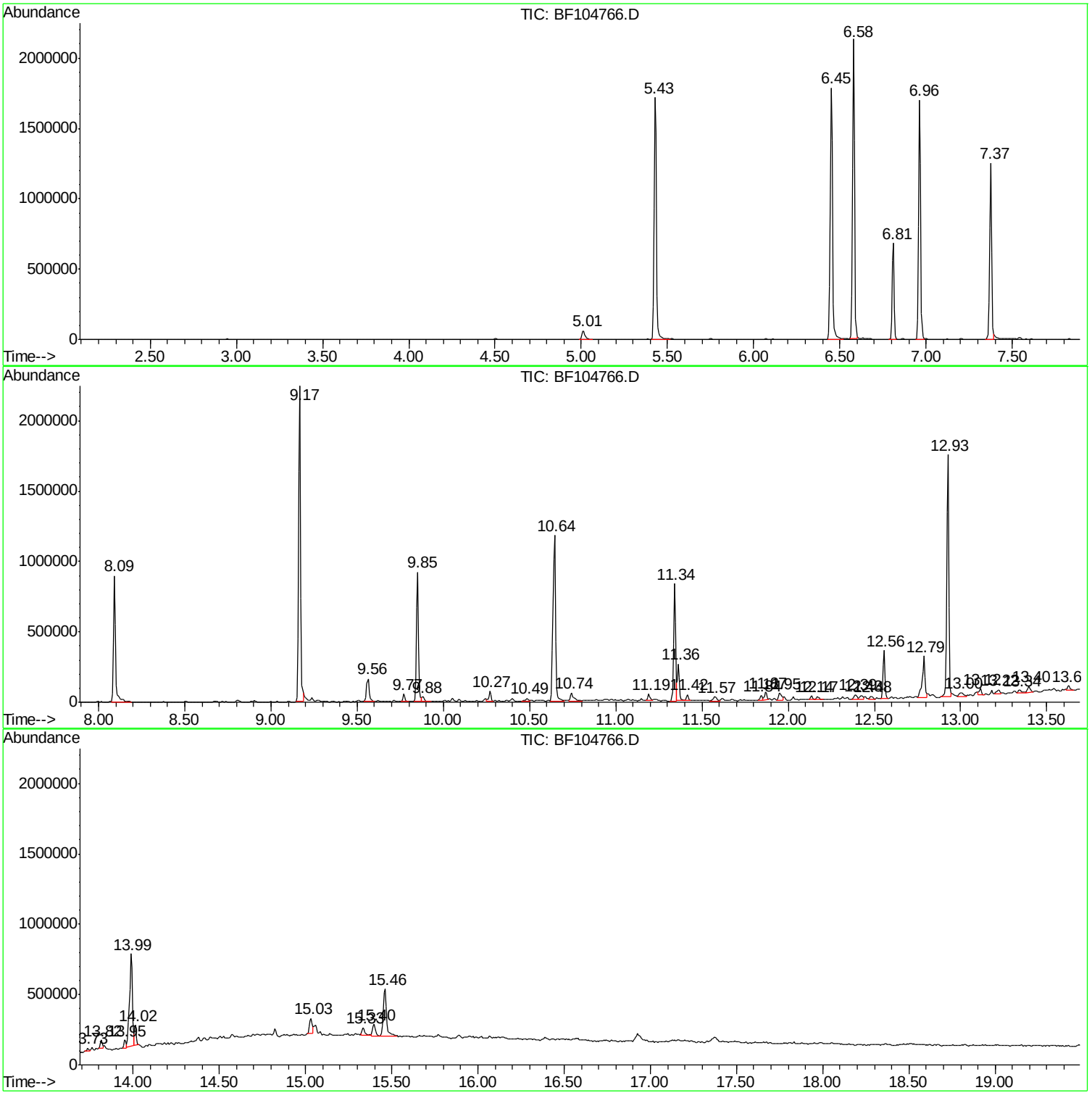
Instrument : BNA_F
ClientSampleId : TP-1

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\BF042418\
Data File : BF104766.D
Acq On : 24 Apr 2018 19:41
Operator : JU/SJ
Sample : J2508-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-1

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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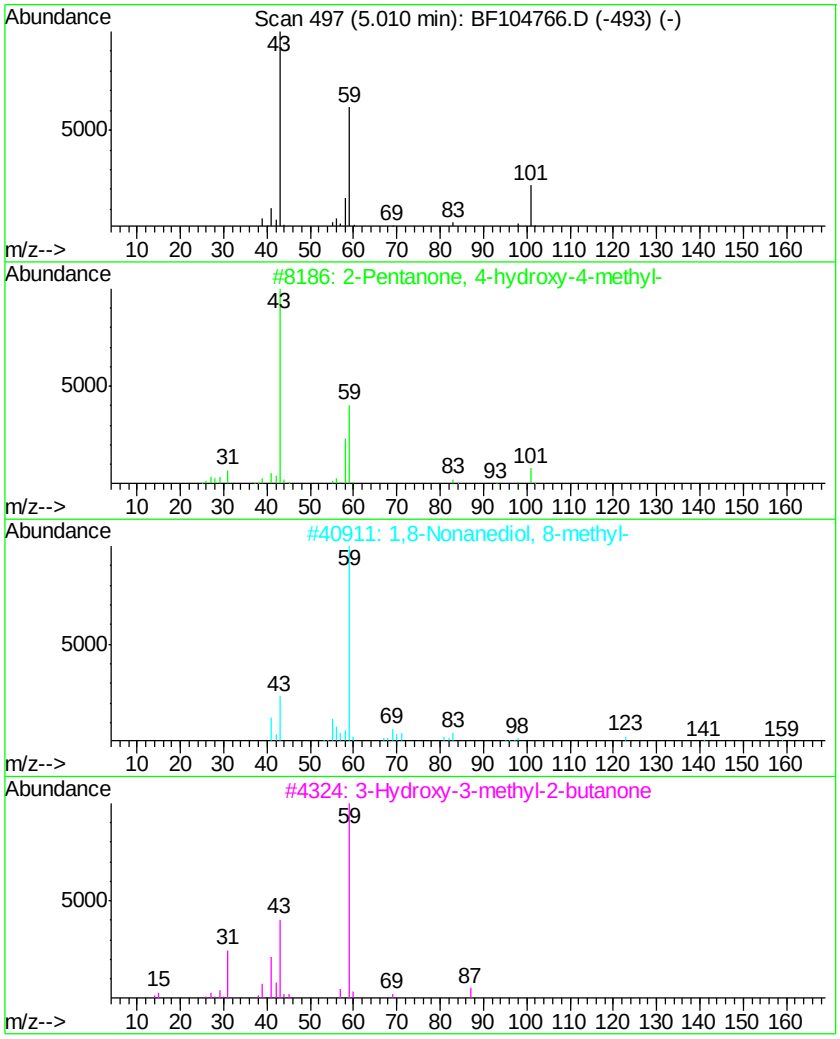
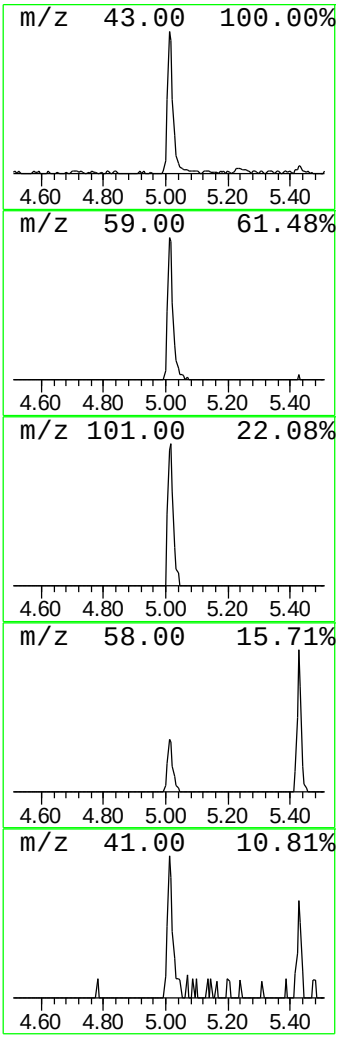
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.01	2.74 ng	78093	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	56
2	1,8-Nonanediol, 8-methyl-	174	C10H22O2	054725-73-4	25
3	3-Hydroxy-3-methyl-2-butanone	102	C5H10O2	000115-22-0	17
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5	5-Hexen-2-one	98	C6H10O	000109-49-9	9





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TIC Library : C:\DATABASE\NIST11.L
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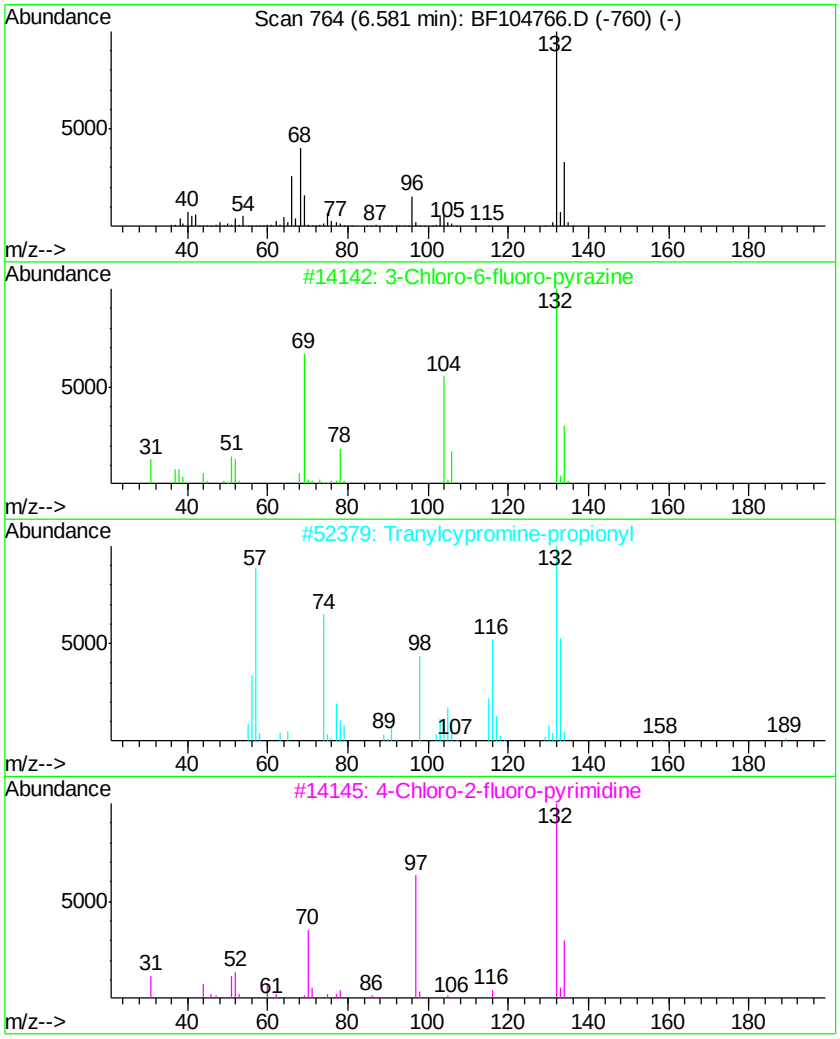
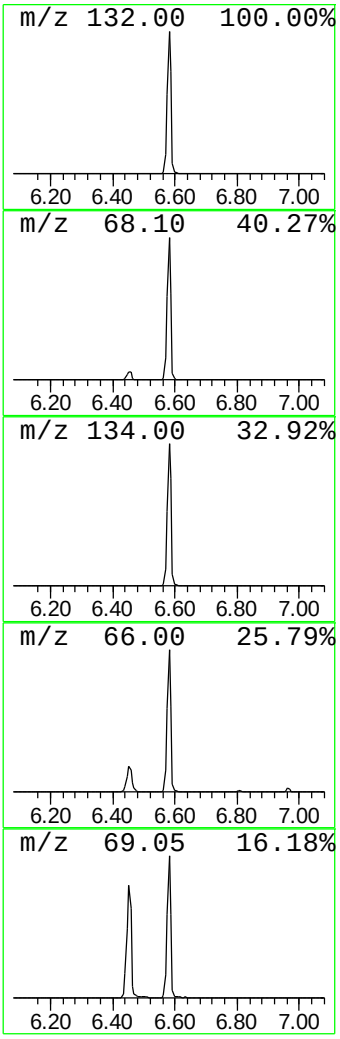
Peak Number 2 unknown6.58 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.58	64.98 ng	1848950	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	27
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
3	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
4	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9
5	5-Aminoindole	132	C8H8N2	005192-03-0	9





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Instrument : BNA_F
ClientSampleId : TP-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.M
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TIC Integration Parameters: LSCINT.P

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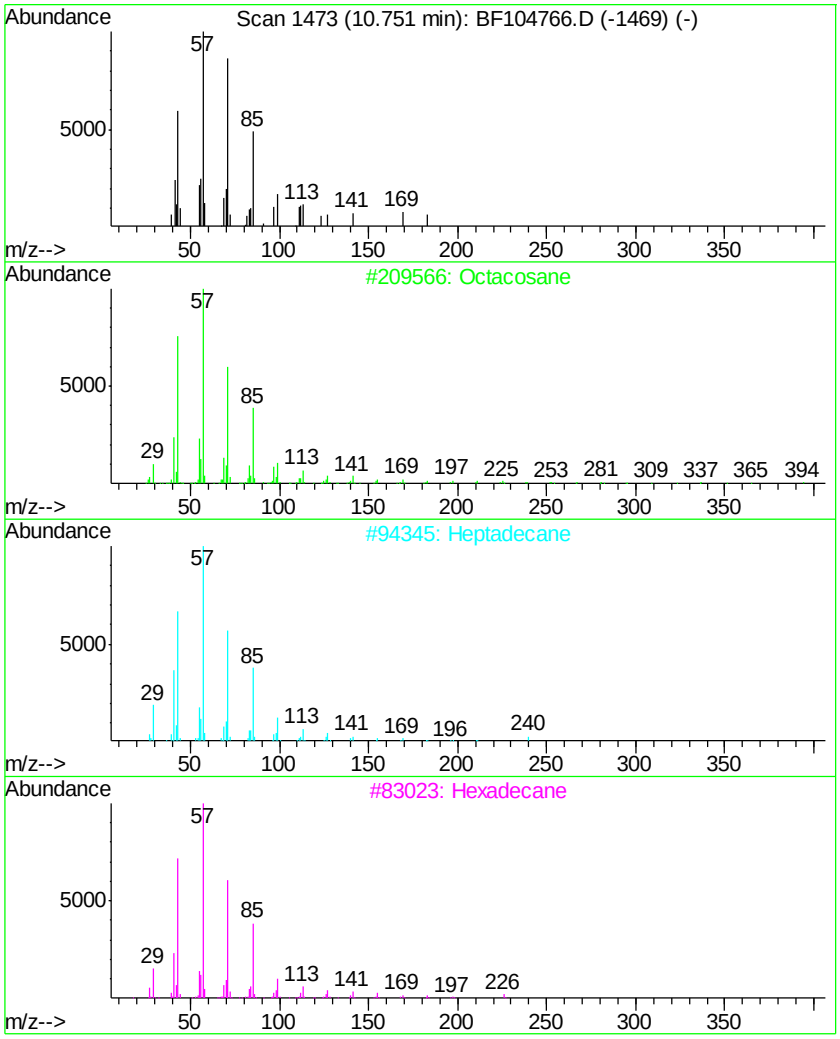
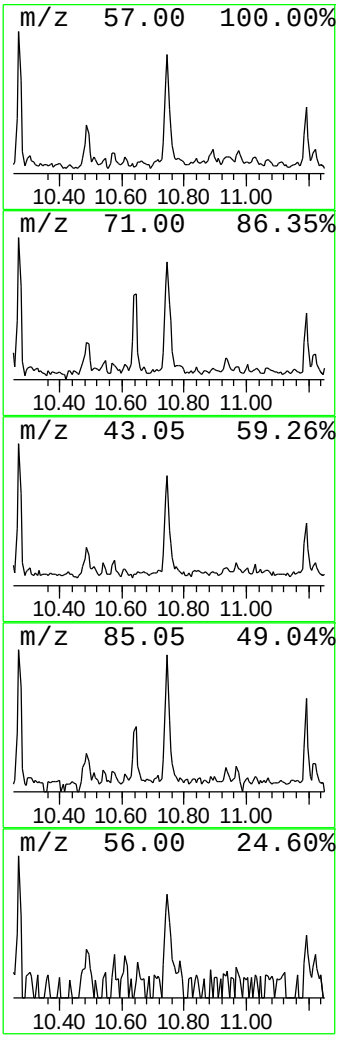
Peak Number 4 Octacosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.75	2.07 ng	72753	Phenanthrene-d10	11.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	91
2	Heptadecane	240	C17H36	000629-78-7	90
3	Hexadecane	226	C16H34	000544-76-3	90
4	Pentadecane	212	C15H32	000629-62-9	90
5	Tritetracontane	605	C43H88	007098-21-7	87





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Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
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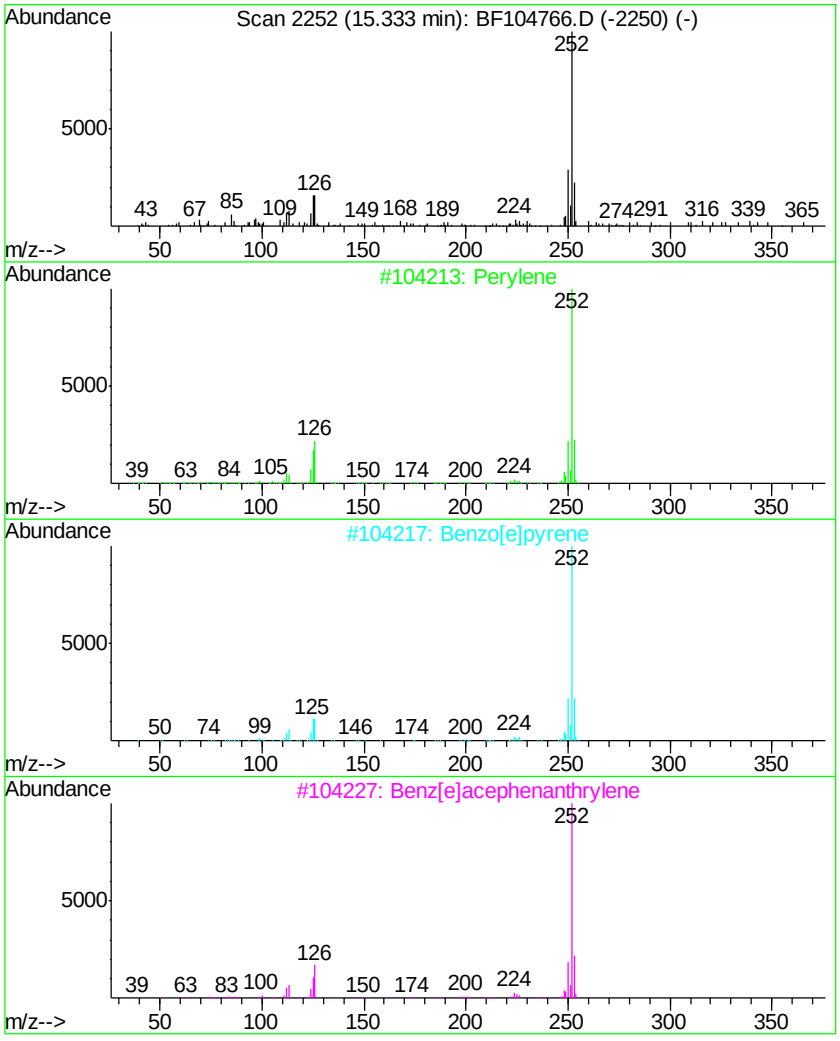
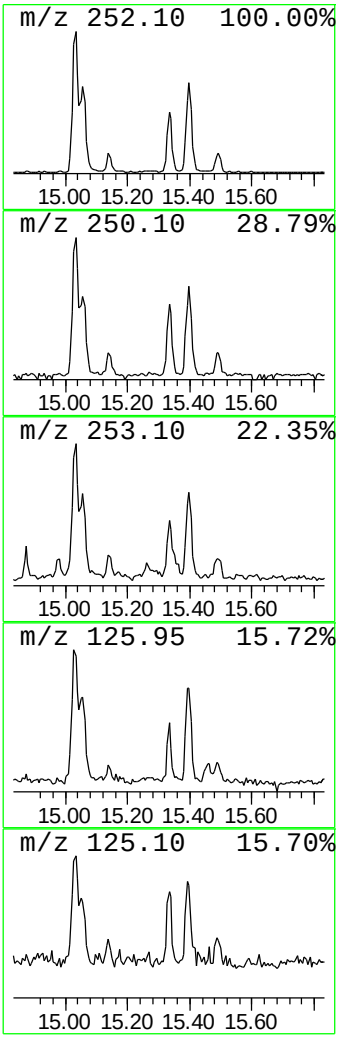
Peak Number 5 Perylene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.33	2.60 ng	61997	Perylene-d12	15.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Perylene	252	C20H12	000198-55-0	96
2	Benzo[e]pyrene	252	C20H12	000192-97-2	96
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	93
4	Benzo[a]pyrene	252	C20H12	000050-32-8	91
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	90





Tentatively Identified Compound (LSC) summary

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TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	5.01	2.7	ng	78093	1	6.81	569083	20.0
unknown6.58	6.58	65.0	ng	1848950	1	6.81	569083	20.0
Octacosane	10.75	2.1	ng	72753	4	11.34	702507	20.0
Perylene	15.33	2.6	ng	61997	6	15.46	476254	20.0