LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010220\
Data File : BF118444.D
Acq On : 2 Jan 2020 19:19
Operator : JU
Sample : K6465-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GP-10-(10-12)

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-BF122419.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	5.051	500	504	519	rVB	254106	340795	14.28%	1.398%
2	5.463	571	574	593	rBV	1853382	1960772	82.18%	8.046%
3	6.487	744	748	766	rBV	2046521	2198842	92.16%	9.023%
4	6.616	766	770	780	rVB	2641600	2287470	95.88%	9.387%
5	6.845	805	809	817	rBV	831176	678195	28.43%	2.783%
6	6.998	832	835	851	rBV	1848551	1713222	71.81%	7.030%
7	7.410	901	905	929	rBV	1299868	1306811	54.77%	5.362%
8	8.133	1024	1028	1044	rBV	923342	942381	39.50%	3.867%
9	9.210	1207	1211	1222	rBV	2910814	2385813	100.00%	9.790%
10	9.604	1275	1278	1287	rVB	182861	188960	7.92%	0.775%
11	9.892	1324	1327	1331	rBV	1181172	1044294	43.77%	4.285%
12	9.927	1331	1333	1339	rVB	47577	44271	1.86%	0.182%
13	10.445	1418	1421	1425	rBV	39940	37400	1.57%	0.153%
14	10.686	1459	1462	1473	rBV	1559158	1614641	67.68%	6.626%
15	11.392	1578	1582	1584	rBV	1034327	1034904	43.38%	4.247%
16	11.410	1584	1585	1590	rVV	304413	255663	10.72%	1.049%
17	11.469	1590	1595	1598	rVB	67291	84038	3.52%	0.345%
18	11.627	1616	1622	1626	rBV5	28468	57060	2.39%	0.234%
19	11.892	1664	1667	1668	rBV	62818	47618	2.00%	0.195%
20	11.921	1668	1672	1677	rVB3	88192	130553	5.47%	0.536%
21	12.004	1683	1686	1689	rBV2	84953	96247	4.03%	0.395%
22	12.186	1715	1717	1720	rVB2	39686	31314	1.31%	0.128%
23	12.445	1758	1761	1763	rBV	44962	43702	1.83%	0.179%
24	12.610	1785	1789	1792	rBV	290376	258358	10.83%	1.060%
25	12.839	1822	1828	1835	rVB	336117	351452	14.73%	1.442%
26	12.974	1847	1851	1855	rBV	2221291	1938077	81.23%	7.953%
27	13.063	1862	1866	1871	rVB3	25284	40533	1.70%	0.166%
28	13.168	1882	1884	1887	rVB	57882	44849	1.88%	0.184%
29	13.198	1887	1889	1893	rVB	67827	49936	2.09%	0.205%
30	13.233	1893	1895	1899	rBV	50443	49036	2.06%	0.201%
31	13.274	1899	1902	1910	rVB2	40070	57961	2.43%	0.238%
32	13.539	1942	1947	1950	rBV	84556	76819	3.22%	0.315%
33	13.792	1985	1990	1992	rBV	38422	41669	1.75%	0.171%
34	13.868	1997	2003	2013	rVV4	163721	280379	11.75%	1.151%

LSC Area Percent Report

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Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GP-10-(10-12)

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-BF122419.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	14.039	2024	2032	2035	rBV2	838010	949972	39.82%	3.898%
36	14.068	2035	2037	2045	rVB	143195	148362	6.22%	0.609%
37	14.186	2054	2057	2059	rBV	44476	37883	1.59%	0.155%
38	14.492	2106	2109	2111	rBV	58406	49276	2.07%	0.202%
39	14.798	2157	2161	2164	rVB	64135	65696	2.75%	0.270%
40	14.945	2182	2186	2191	rVB5	38345	49386	2.07%	0.203%
41	15.098	2208	2212	2215	rBV	63946	98883	4.14%	0.406%
42	15.139	2215	2219	2223	rVB2	75607	108814	4.56%	0.447%
43	15.404	2261	2264	2270	rVB	42346	54231	2.27%	0.223%
44	15.468	2271	2275	2280	rBV	64601	88525	3.71%	0.363%
45	15.533	2280	2286	2293	rBV	585274	832137	34.88%	3.415%
46	15.962	2354	2359	2362	rBV2	44901	61101	2.56%	0.251%
47	16.468	2442	2445	2450	rVB5	23931	36933	1.55%	0.152%
48	17.056	2540	2545	2555	rVB6	33934	74370	3.12%	0.305%

Sum of corrected areas: 24369604

LSC Report - Integrated Chromatogram

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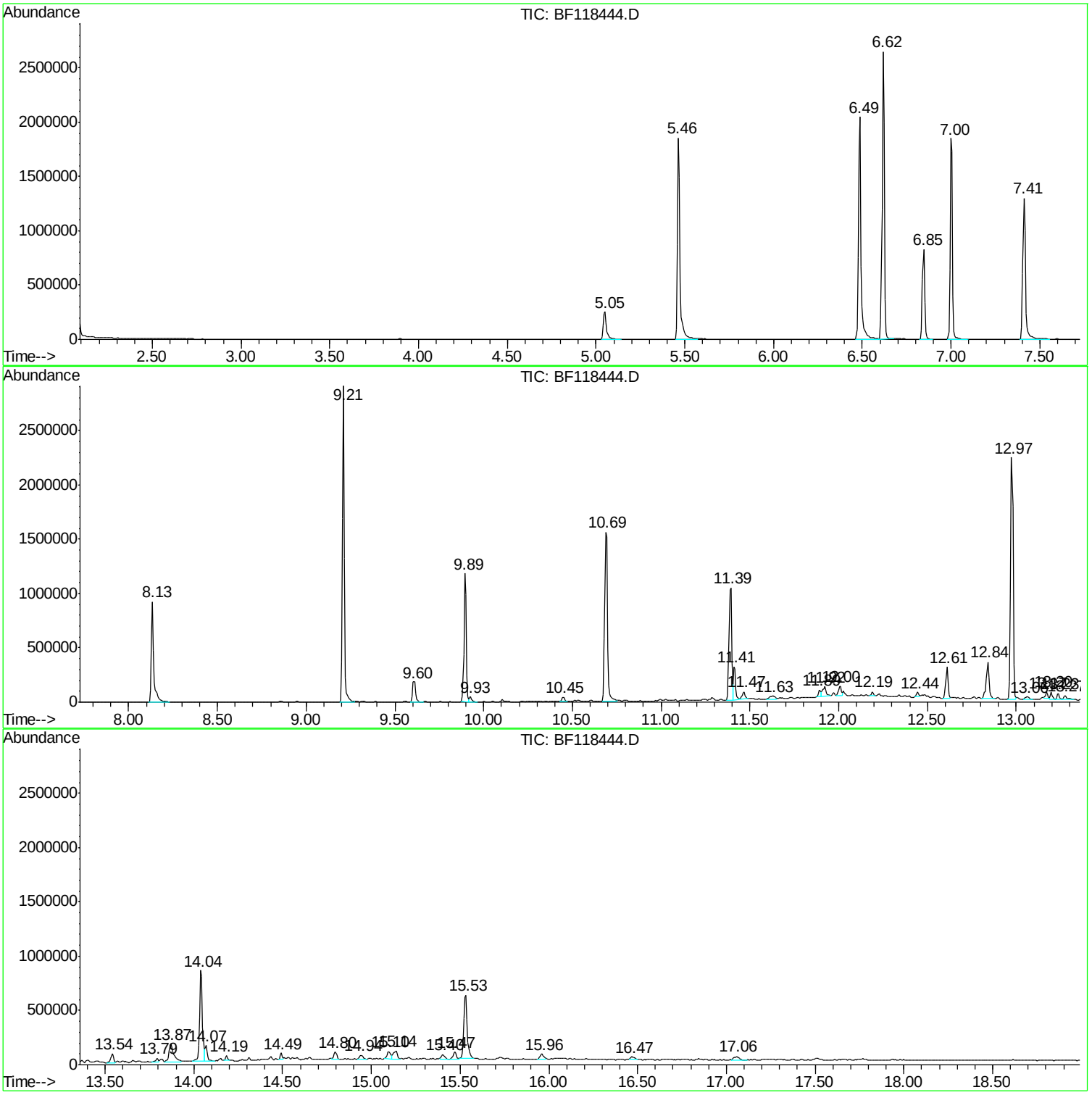
Sample : K6465-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GP-10-(10-12)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF122419.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\BF010220\
Data File : BF118444.D
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Operator : JU
Sample : K6465-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GP-10-(10-12)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF122419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

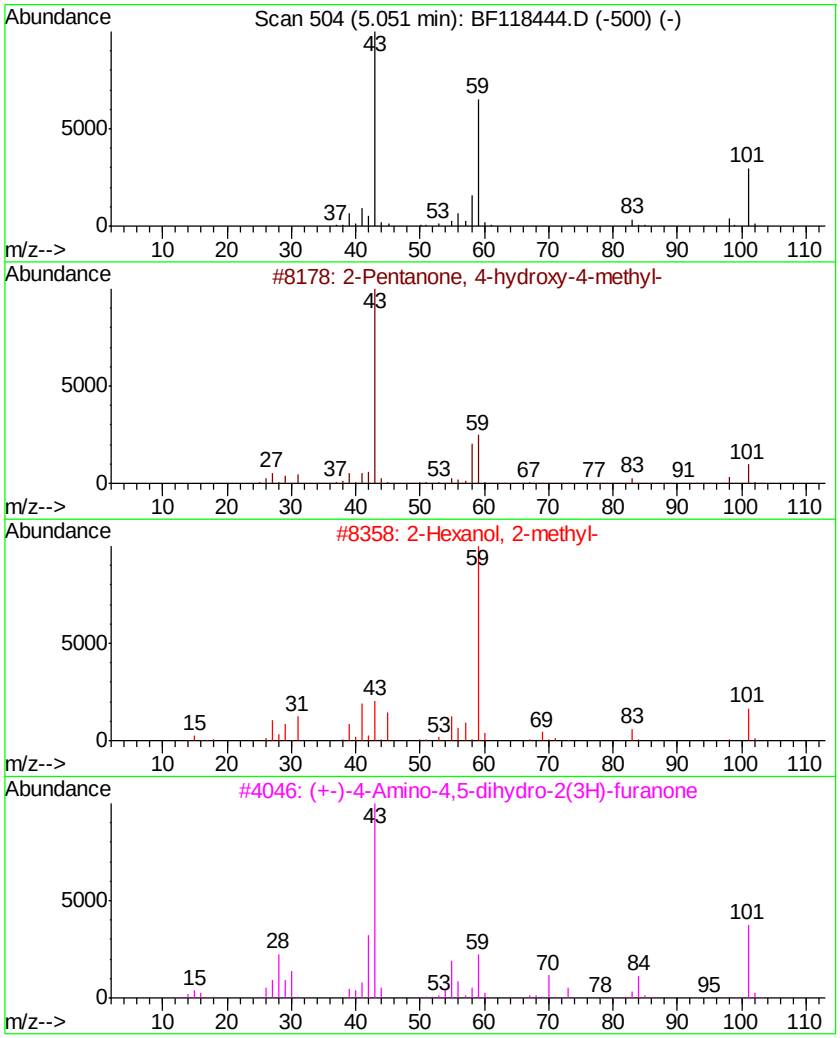
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

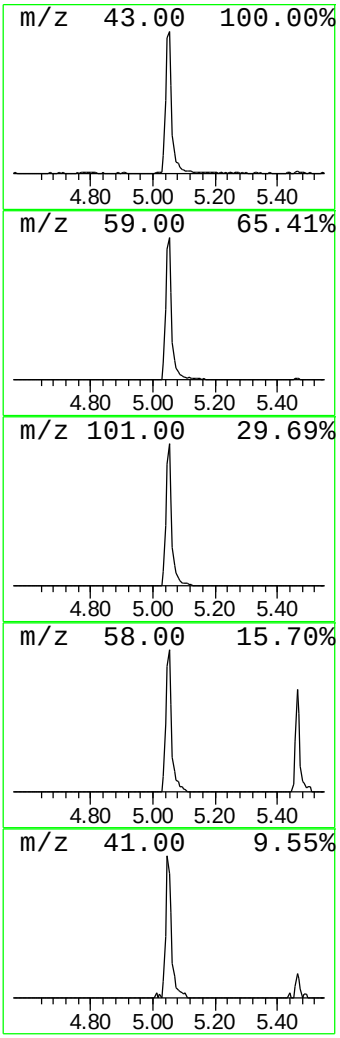
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.05	10.05 ng	340795	1,4-Dichlorobenzene-d4	6.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	37
3	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	37
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	25
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17





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Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GP-10-(10-12)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF122419.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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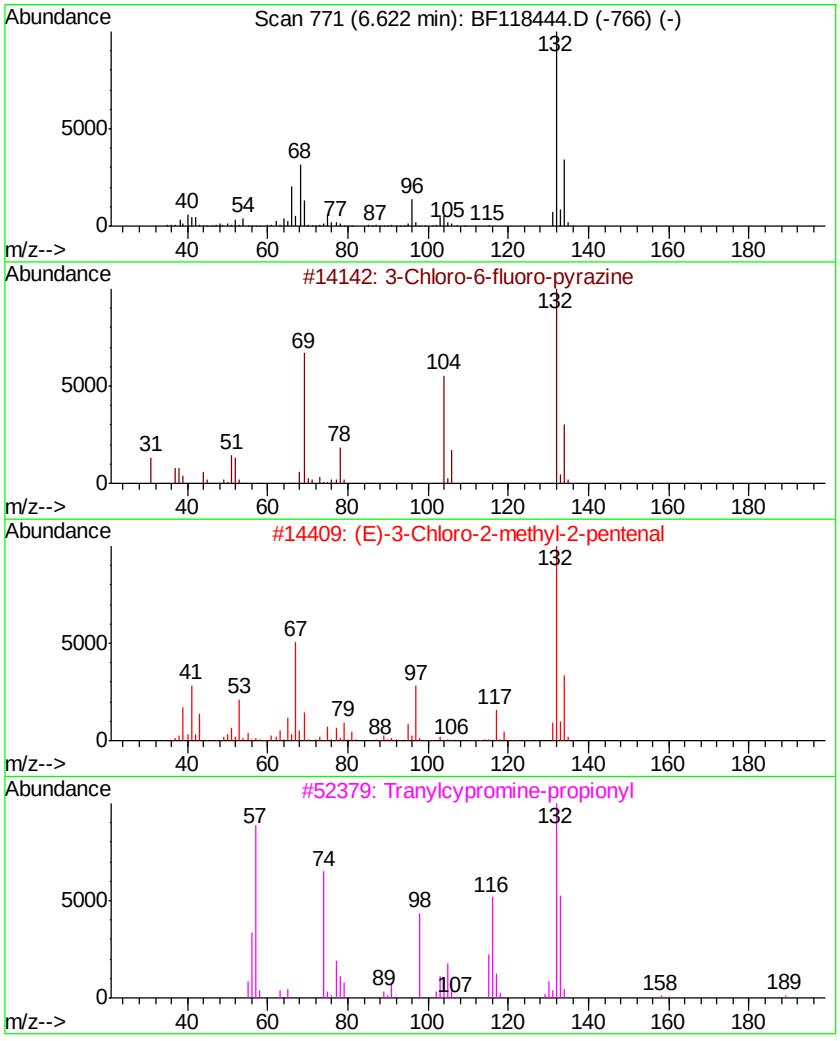
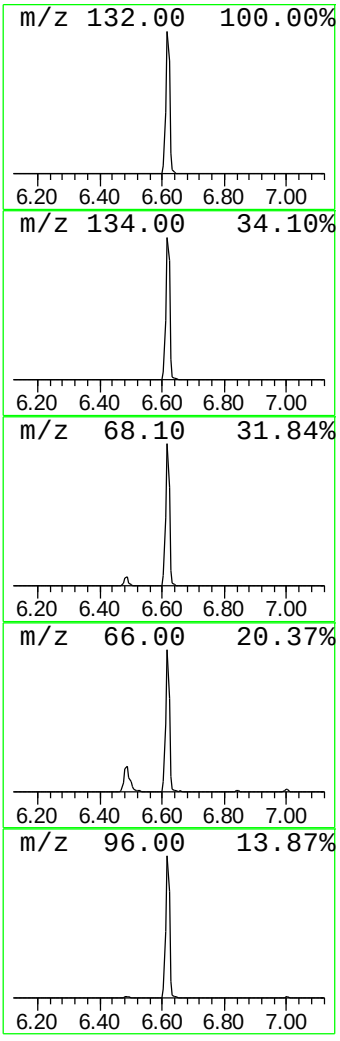
Peak Number 2 unknown6.62 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.62	67.46 ng	2287470	1,4-Dichlorobenzene-d4	6.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4	1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9





Library Search Compound Report

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Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GP-10-(10-12)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF122419.M
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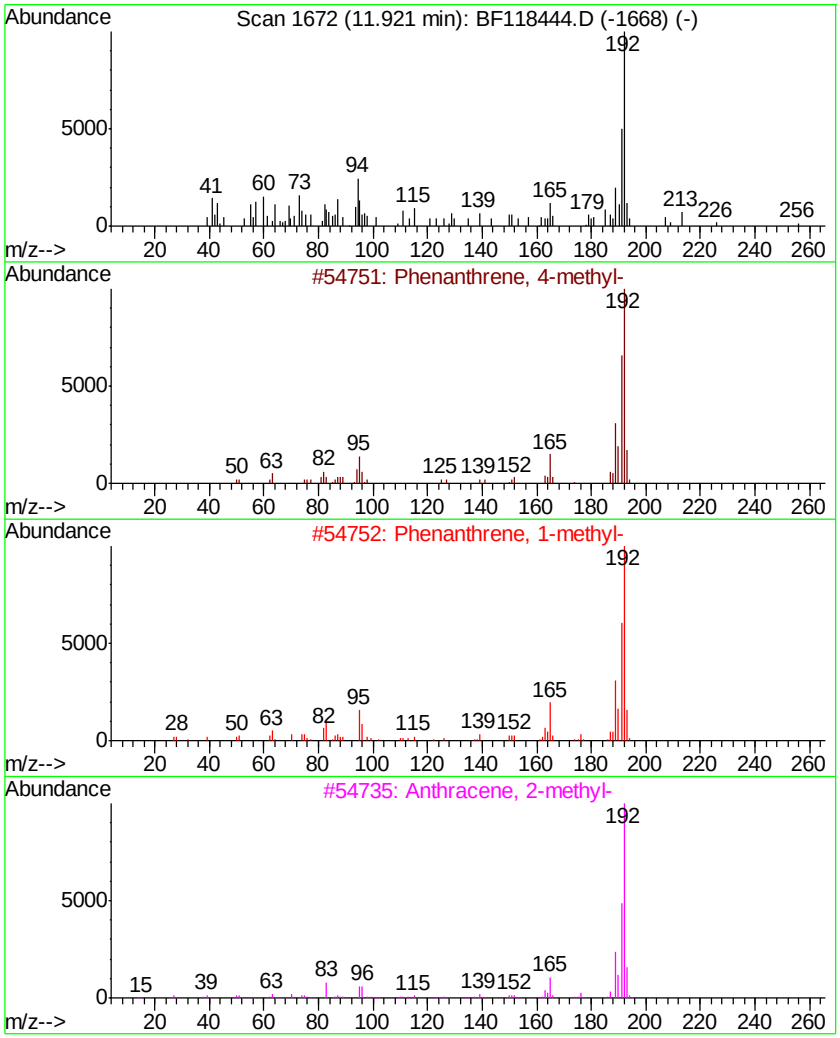
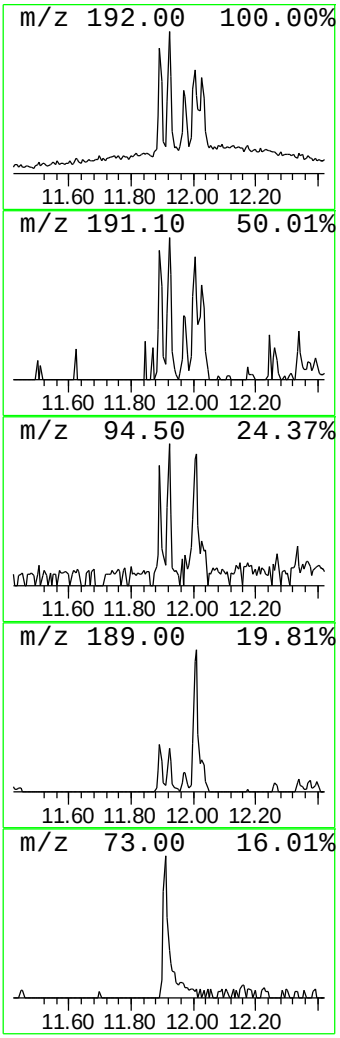
Peak Number 4 Phenanthrene, 4-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.92	2.52 ng	130553	Phenanthrene-d10	11.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	76
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	70
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	70
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	68
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	68





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Sample : K6465-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GP-10-(10-12)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF122419.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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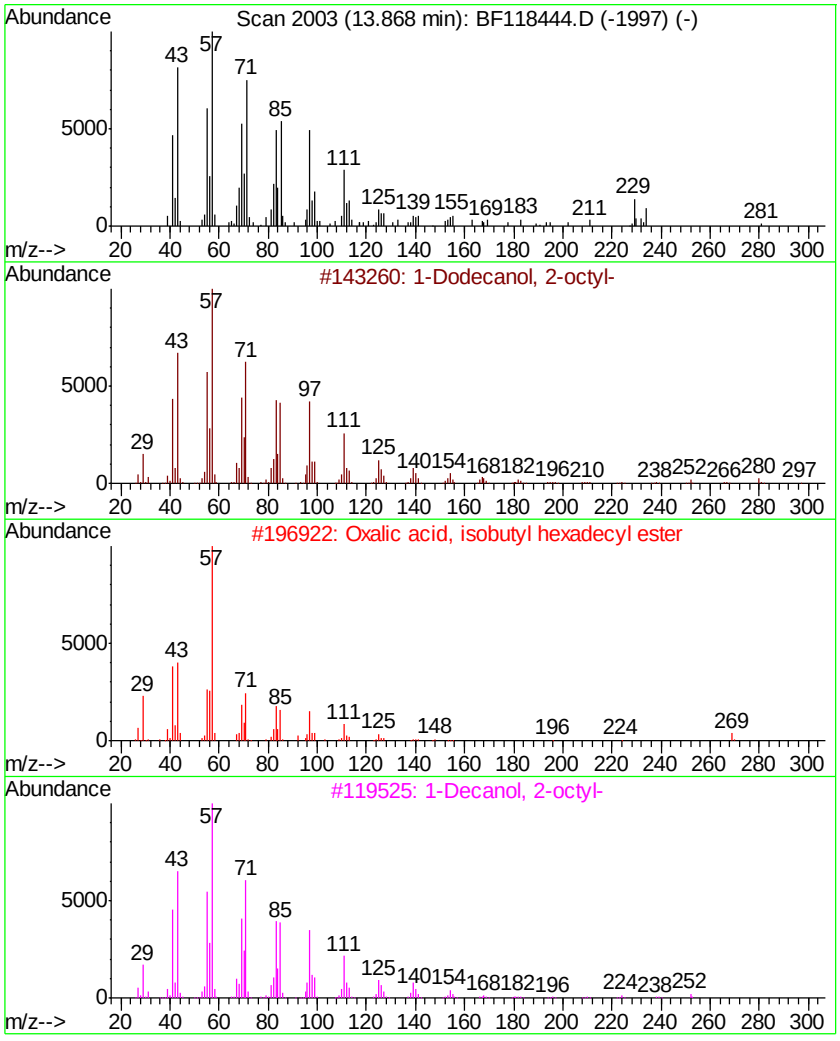
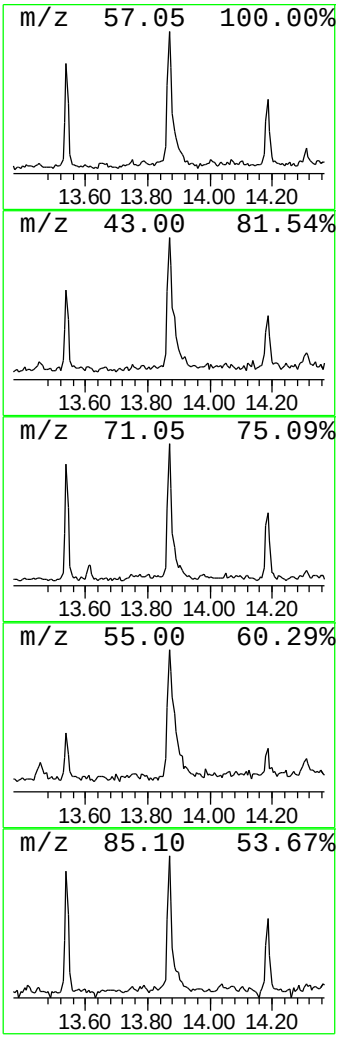
Peak Number 5 1-Dodecanol, 2-octyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.87	5.90 ng	280379	Chrysene-d12	14.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Dodecanol, 2-octyl-	298	C20H42O	005333-42-6	83
2	Oxalic acid, isobutyl hexadecyl ...	370	C22H42O4	1000309-38-1	83
3	1-Decanol, 2-octyl-	270	C18H38O	045235-48-1	68
4	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	60
5	1-Dodecanol, 2-hexyl-	270	C18H38O	110225-00-8	58





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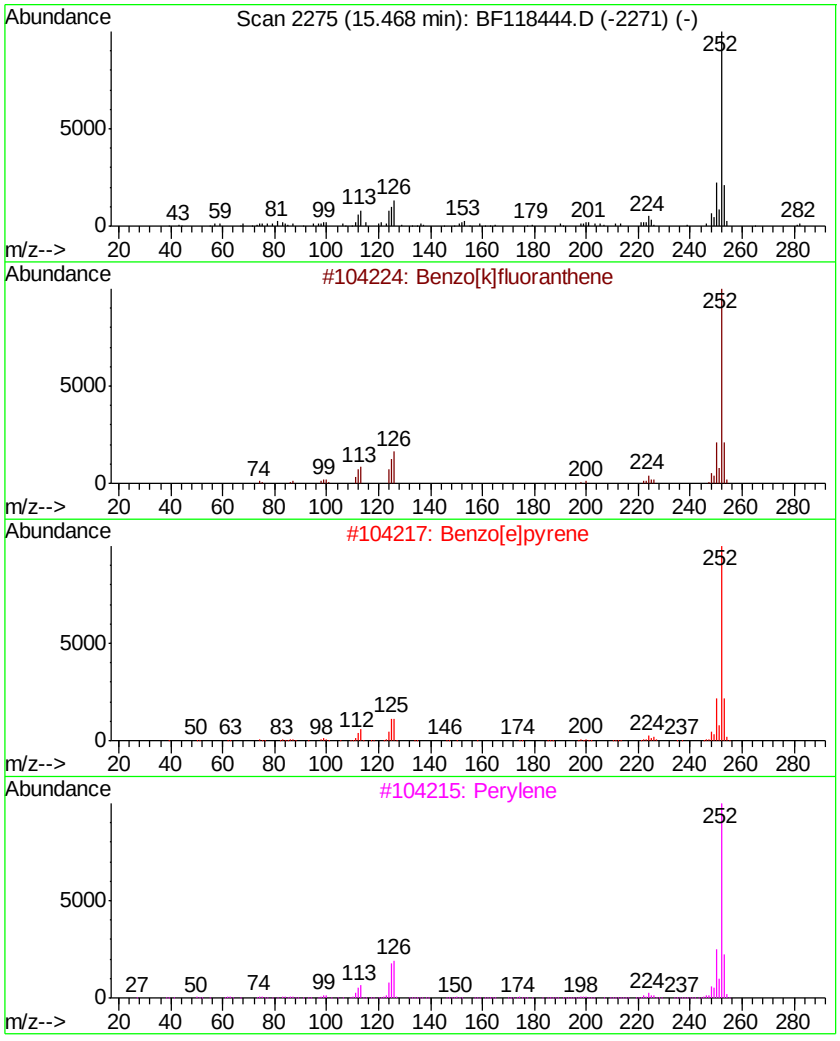
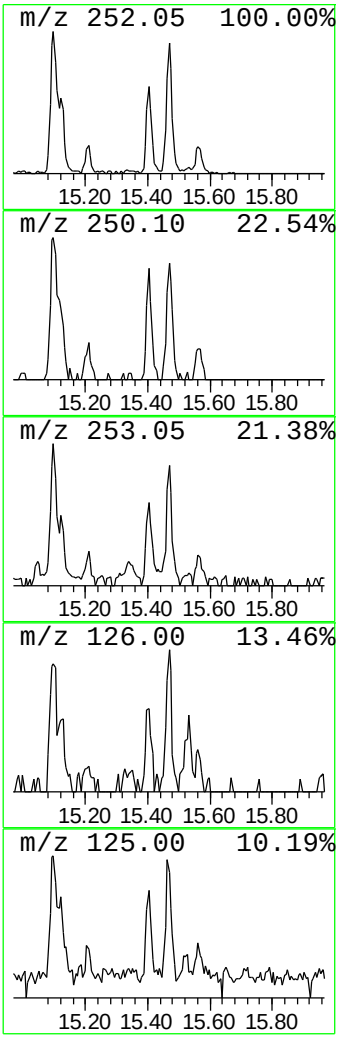
****

Peak Number 6 Benzo[e]pyrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.47	2.13 ng	88525	Perylene-d12	15.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[k]fluoranthene	252	C20H12	000207-08-9	96
2	Benzo[e]pyrene	252	C20H12	000192-97-2	95
3	Perylene	252	C20H12	000198-55-0	95
4	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	93
5	Benzo[a]pyrene	252	C20H12	000050-32-8	93





Tentatively Identified Compound (LSC) summary

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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...	5.05	10.1	ng	340795	1	6.85	678195	20.0
unknown6.62	6.62	67.5	ng	2287470	1	6.85	678195	20.0
Phenanthrene, 4-m...	11.92	2.5	ng	130553	4	11.39	1034900	20.0
1-Dodecanol, 2-oc...	13.87	5.9	ng	280379	5	14.04	949972	20.0
Benzo[e]pyrene	15.47	2.1	ng	88525	6	15.53	832137	20.0