LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101518\
Data File : BF109891.D
Acq On : 15 Oct 2018 20:47
Operator : JU/SJ
Sample : J5198-13
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-02-101218-B

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-BF101518.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	2.316	33	39	46	rVB	611477	805468	19.40%	1.827%
2	3.587	253	255	261	rBV	24861	52232	1.26%	0.118%
3	5.210	524	531	538	rVB	160764	191809	4.62%	0.435%
4	5.593	592	596	600	rBV	3994690	4079589	98.25%	9.254%
5	6.592	760	766	770	rBV	4349993	4152210	100.00%	9.419%
6	6.745	787	792	795	rBV	4533570	4106531	98.90%	9.315%
7	6.975	828	831	835	rVB	1577957	1319252	31.77%	2.993%
8	7.134	854	858	861	rBV	3785284	3108301	74.86%	7.051%
9	7.534	922	926	930	rBV	2564213	2465612	59.38%	5.593%
10	8.257	1046	1049	1052	rBV	1808077	1590162	38.30%	3.607%
11	8.281	1052	1053	1056	rVB	87276	45181	1.09%	0.102%
12	8.969	1167	1170	1174	rVB	82378	71256	1.72%	0.162%
13	9.069	1183	1187	1191	rBV	123936	127070	3.06%	0.288%
14	9.333	1228	1232	1235	rVB	4478902	3583650	86.31%	8.129%
15	9.592	1273	1276	1281	rBV3	47859	68795	1.66%	0.156%
16	9.675	1286	1290	1292	rBV	86231	91024	2.19%	0.206%
17	9.722	1296	1298	1302	rVB	442478	320642	7.72%	0.727%
18	9.786	1306	1309	1311	rBV	51882	52425	1.26%	0.119%
19	9.933	1328	1334	1338	rBV	50863	44819	1.08%	0.102%
20	10.016	1341	1348	1352	rVV	1639243	1464664	35.27%	3.322%
21	10.051	1352	1354	1357	rVB	95686	68983	1.66%	0.156%
22	10.433	1413	1419	1423	rBV3	66647	105501	2.54%	0.239%
23	10.563	1437	1441	1447	rVB2	69416	70519	1.70%	0.160%
24	10.804	1478	1482	1486	rBV	2097437	1767499	42.57%	4.009%
25	10.910	1497	1500	1501	rBV	62227	51158	1.23%	0.116%
26	11.357	1573	1576	1579	rBV	56852	52827	1.27%	0.120%
27	11.404	1579	1584	1589	rVB	102107	113241	2.73%	0.257%
28	11.510	1598	1602	1604	rBV	1392598	1287135	31.00%	2.920%
29	11.533	1604	1606	1609	rVV	483751	383912	9.25%	0.871%
30	11.580	1610	1614	1617	rVB	91496	86243	2.08%	0.196%
31	11.839	1655	1658	1663	rVB	76458	64262	1.55%	0.146%
32	11.886	1663	1666	1669	rBV	720133	524383	12.63%	1.190%
33	11.922	1669	1672	1675	rBV	47126	50628	1.22%	0.115%
34	12.016	1684	1688	1690	rBV3	258898	310250	7.47%	0.704%

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Misc :
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Instrument : BNA_F
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Integration Parameters: rteint.p
Integrator: RTE
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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.033	1690	1691	1697	rVB	163434	136651	3.29%	0.310%
36	12.121	1702	1706	1708	rVV2	152285	191309	4.61%	0.434%
37	12.145	1708	1710	1713	rVB	105376	85962	2.07%	0.195%
38	12.192	1716	1718	1723	rBV2	48200	62619	1.51%	0.142%
39	12.304	1734	1737	1739	rBV2	67698	63339	1.53%	0.144%
40	12.327	1739	1741	1747	rVB4	63312	77374	1.86%	0.176%
41	12.574	1780	1783	1785	rBV	1369526	1158957	27.91%	2.629%
42	12.598	1785	1787	1792	rVB	1504006	1248046	30.06%	2.831%
43	12.645	1792	1795	1798	rBV3	42933	55994	1.35%	0.127%
44	12.680	1798	1801	1804	rVB	318671	237346	5.72%	0.538%
45	12.721	1804	1808	1812	rBV	435019	393747	9.48%	0.893%
46	12.804	1820	1822	1827	rVB4	59188	61667	1.49%	0.140%
47	12.874	1832	1834	1836	rVV	58695	46004	1.11%	0.104%
48	12.951	1842	1847	1853	rVB	471510	466989	11.25%	1.059%
49	13.092	1867	1871	1874	rBV	3290768	2787457	67.13%	6.323%
50	13.280	1900	1903	1906	rVB3	89721	86127	2.07%	0.195%
51	13.651	1964	1966	1969	rBV	64750	72045	1.74%	0.163%
52	13.974	2018	2021	2027	rVB3	334376	380862	9.17%	0.864%
53	14.151	2047	2051	2054	rBV	1658310	1555267	37.46%	3.528%
54	14.174	2054	2055	2058	rVB	180283	94740	2.28%	0.215%
55	14.604	2125	2128	2135	rVB4	210718	278215	6.70%	0.631%
56	14.927	2180	2183	2186	rVB	119681	123426	2.97%	0.280%
57	15.280	2240	2243	2250	rVB	232915	270862	6.52%	0.614%
58	15.674	2305	2310	2318	rBV2	937785	1472037	35.45%	3.339%

Sum of corrected areas: 44084275

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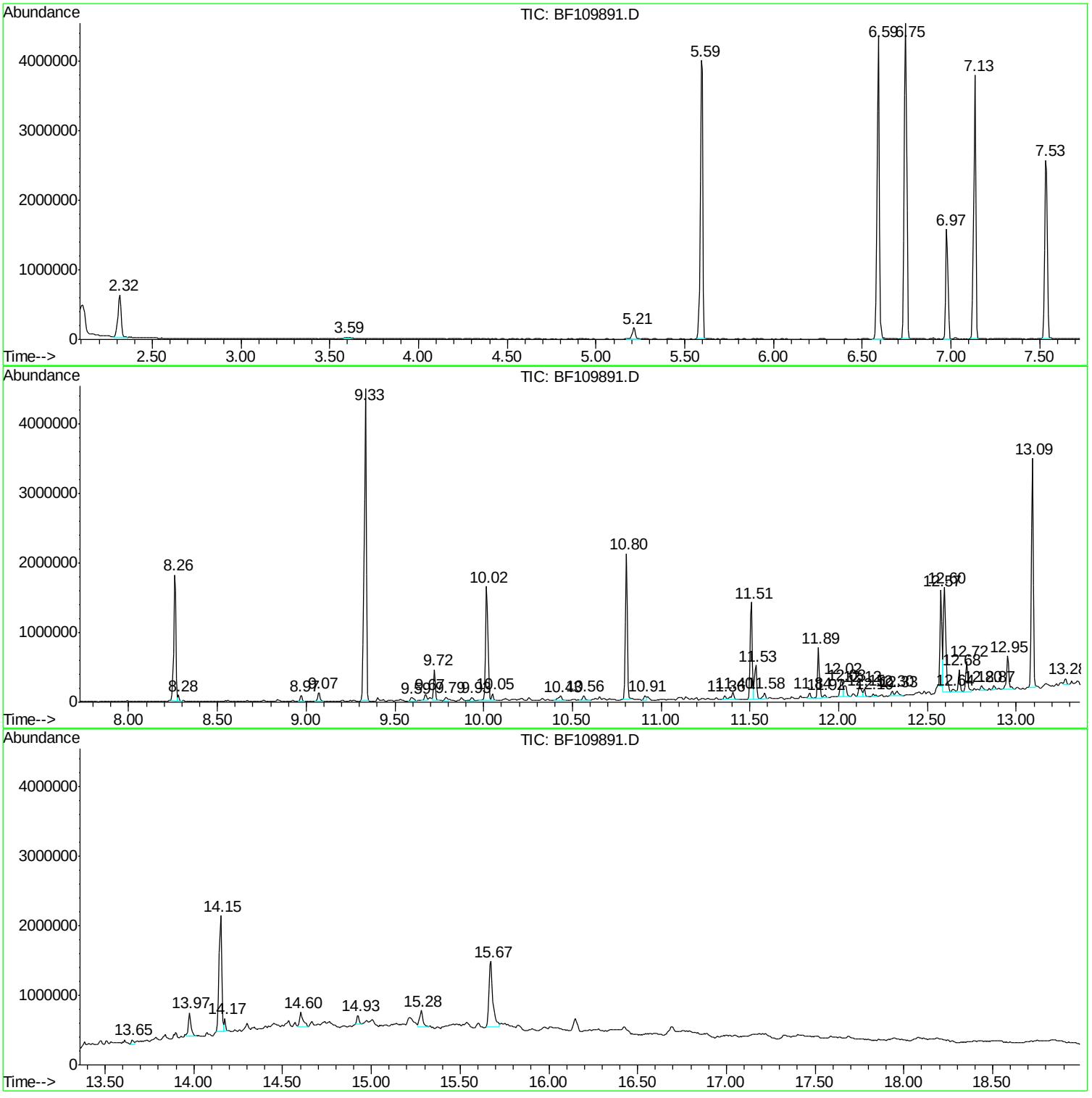
Instrument :
BNA_F
ClientSampleId :
CL-02-101218-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101518.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

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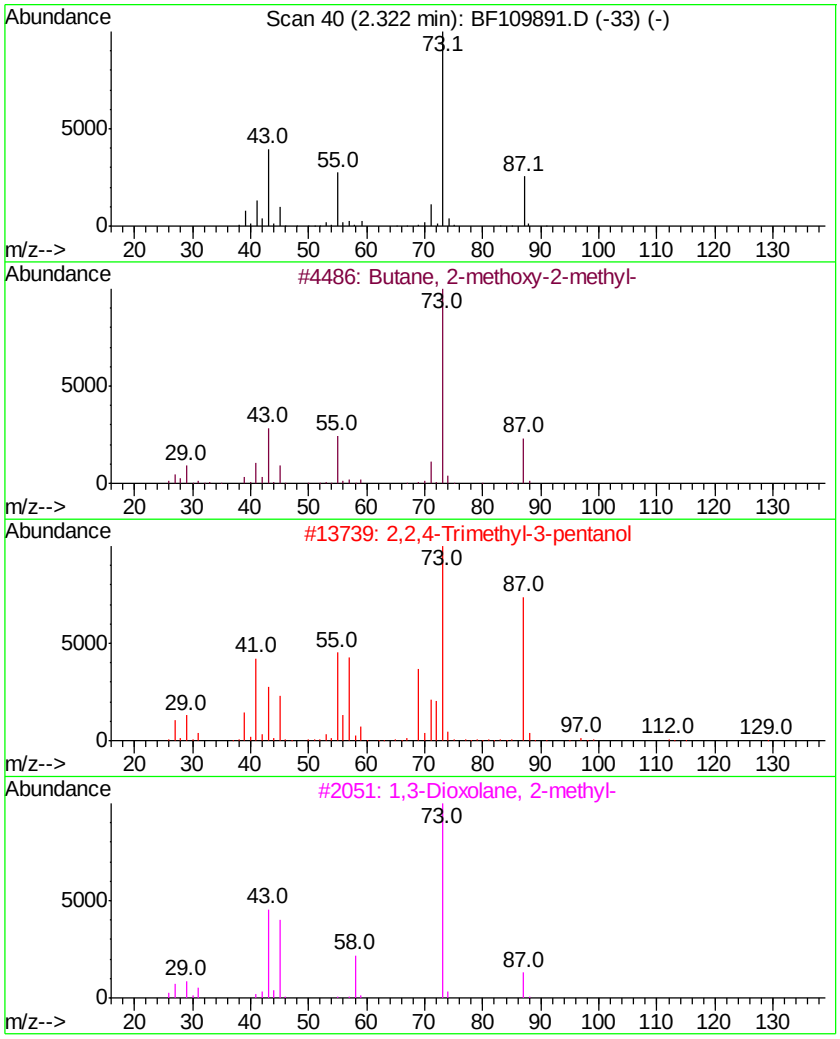
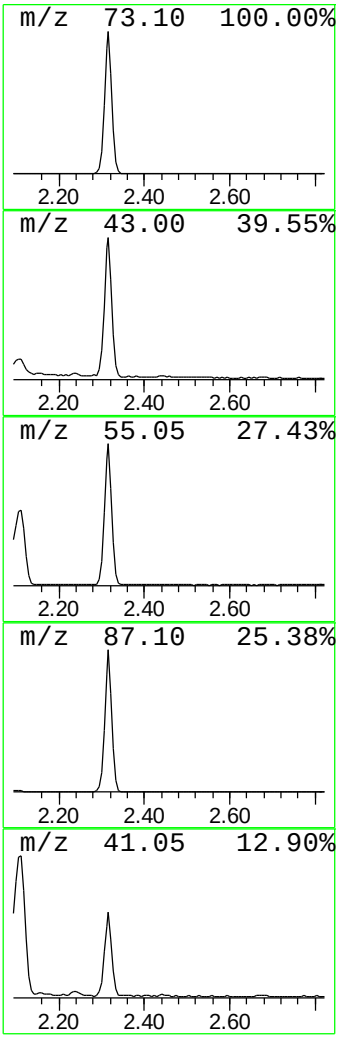
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.32	12.21 ng	805468	1,4-Dichlorobenzene-d4	6.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	72
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	38
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	38
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	10





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Sample : J5198-13
Misc :
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Instrument : BNA_F
ClientSampleId : CL-02-101218-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101518.M
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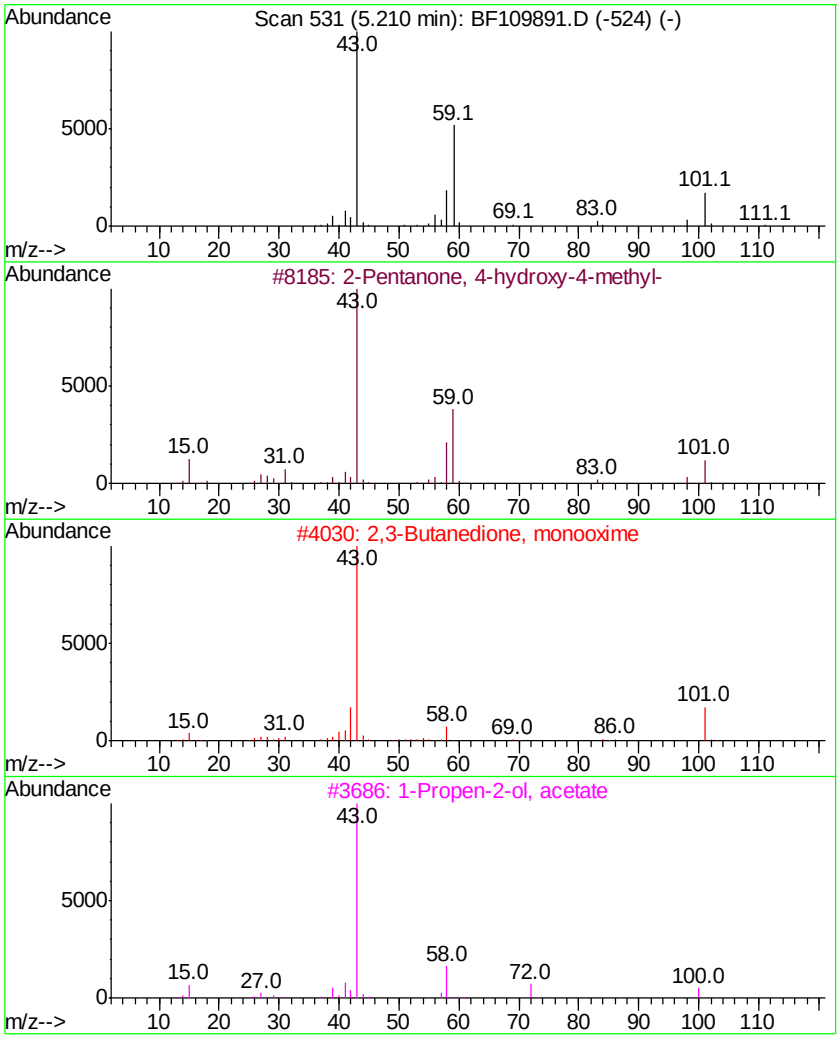
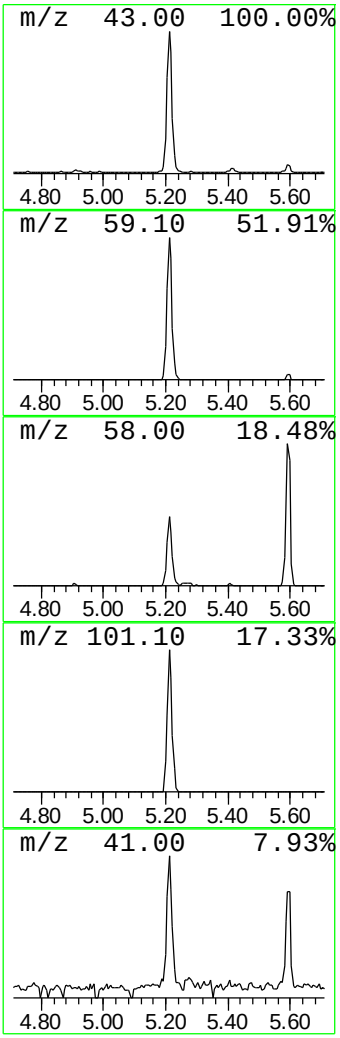
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.21	2.91 ng	191809	1,4-Dichlorobenzene-d4	6.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	16
3	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
4	5-Hexen-2-one	98	C6H10O	000109-49-9	10
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





Library Search Compound Report

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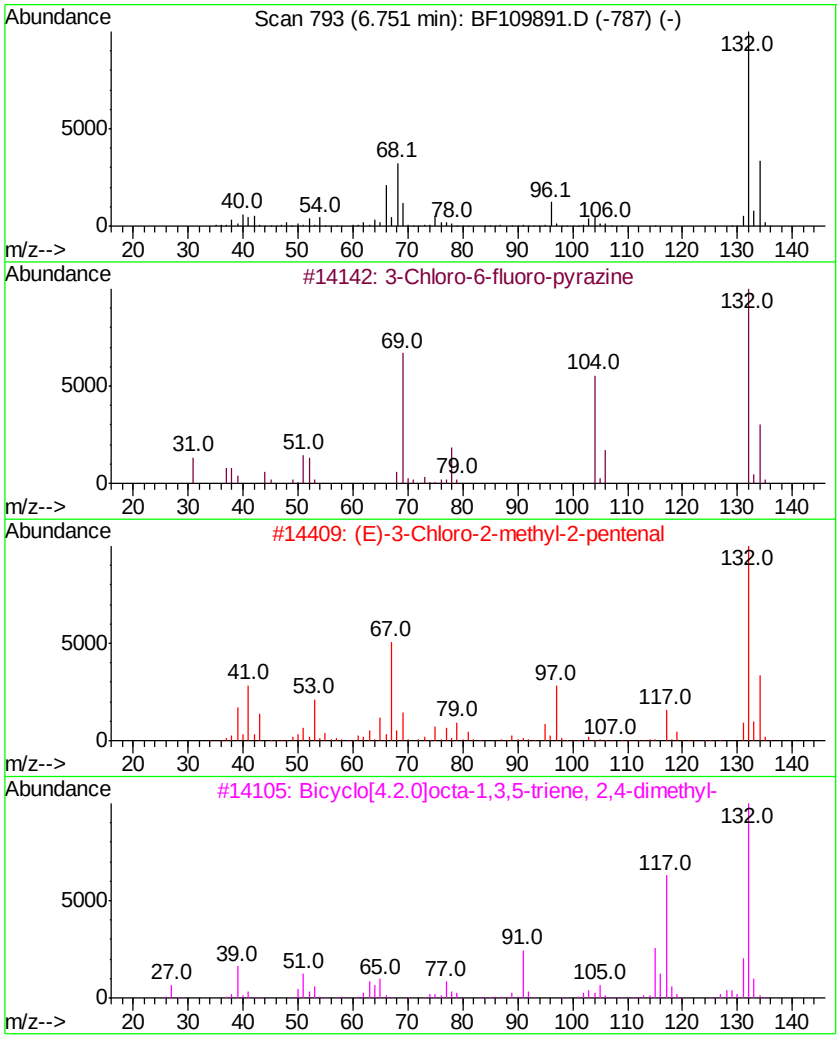
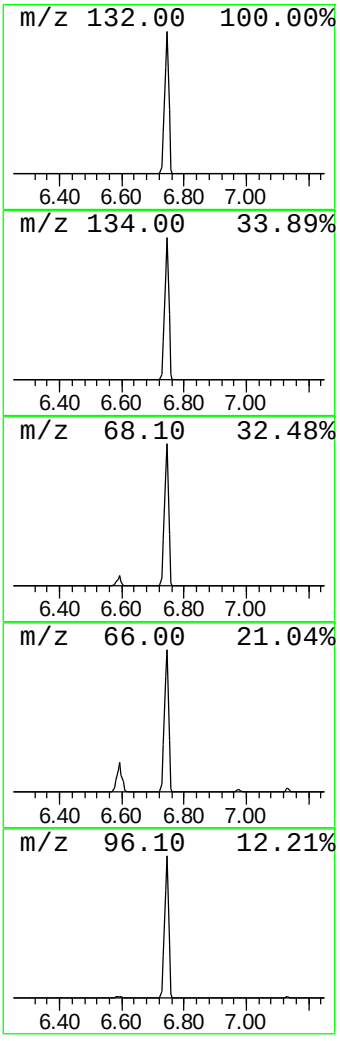
****

Peak Number 3 unknown6.75 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.75	62.26 ng	4106530	1,4-Dichlorobenzene-d4	6.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
3	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
4	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
5	4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9





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Instrument : BNA_F
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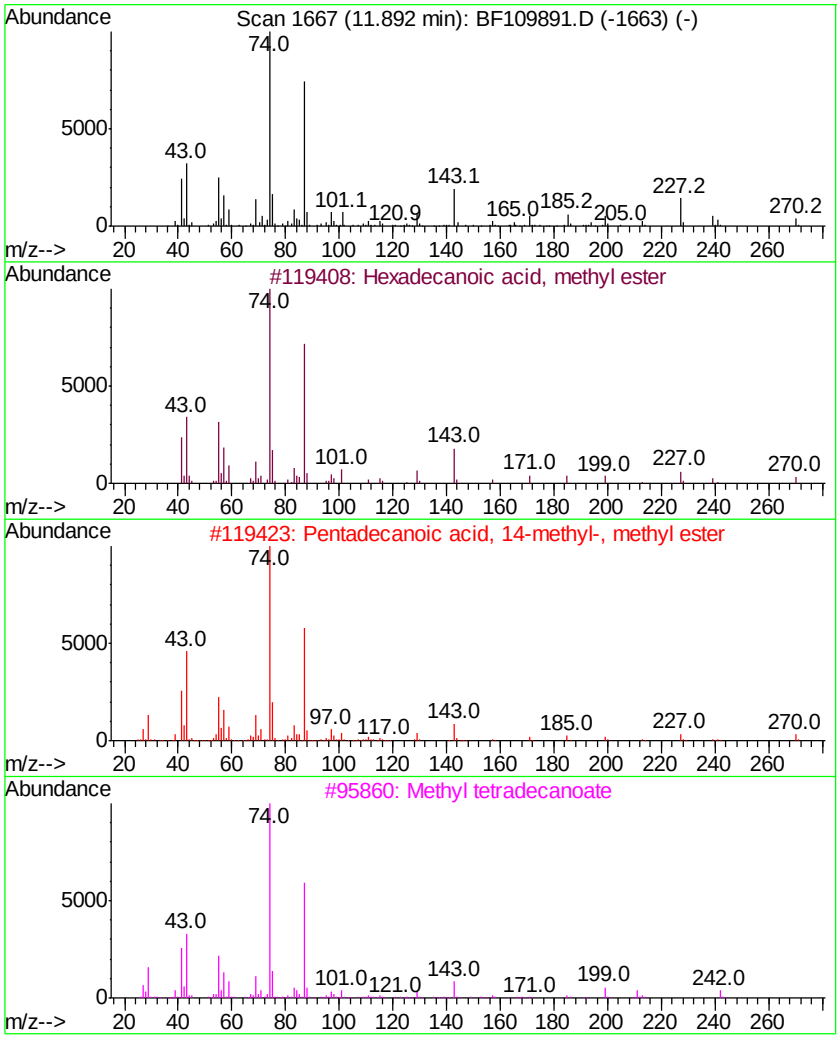
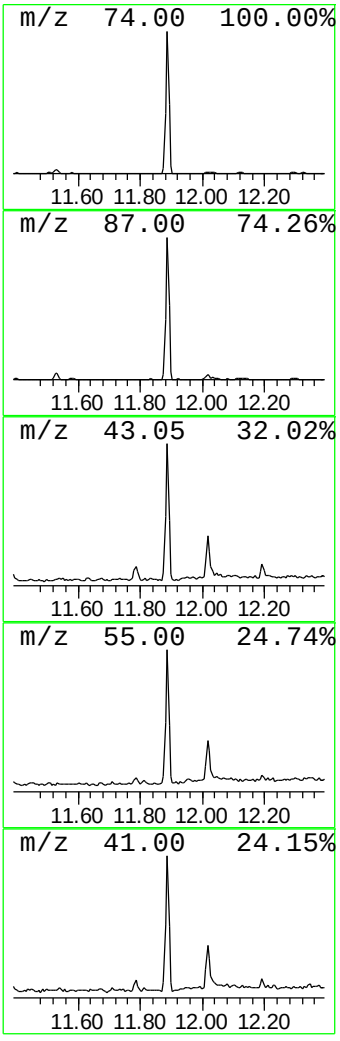
****
Peak Number 5 Hexadecanoic acid, methyl e... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.89	8.15 ng	524383	Phenanthrene-d10	11.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	98
2	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	87
3	Methyl tetradecanoate	242	C15H30O2	000124-10-7	87
4	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	86
5	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	80





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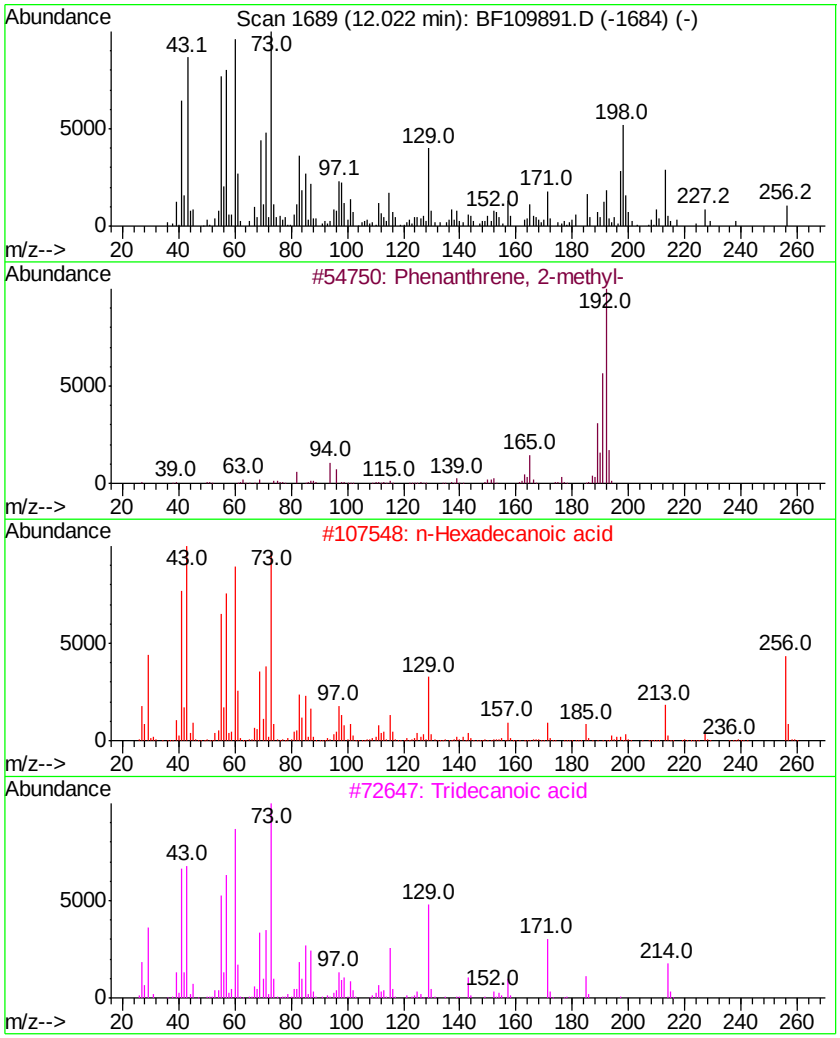
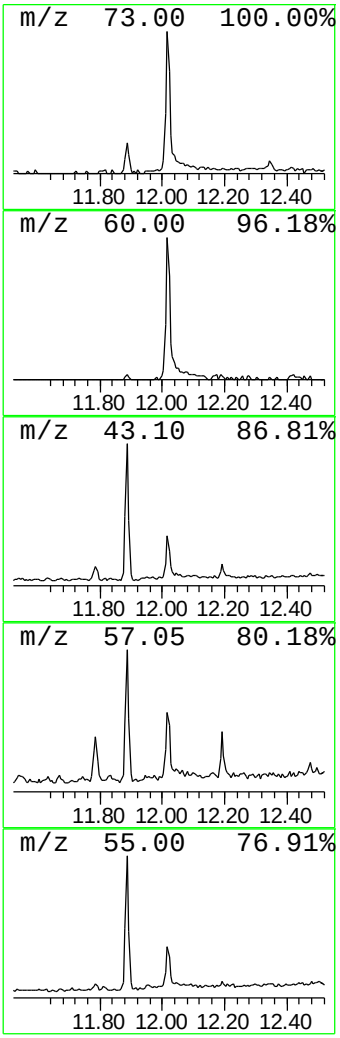
Peak Number 6 n-Hexadecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.02	4.82 ng	310250	Phenanthrene-d10	11.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	92
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91
3	Tridecanoic acid	214	C13H26O2	000638-53-9	89
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	87
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	78





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TIC Library : C:\DATABASE\NIST11.L
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****

Peak Number 7 Phenanthrene, 2-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.03	2.12 ng	136651	Phenanthrene-d10	11.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
2	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	93
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	92
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	91
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	90