LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120417\
Data File : BF101093.D
Acq On : 4 Dec 2017 13:09
Operator : SJ/JU
Sample : I6620-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-4(0-2)-20171128

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-BF113017.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	5.075	504	508	517	rBV	53319	65803	5.64%	0.596%
2	5.469	570	575	578	rBV	1074319	955542	81.88%	8.657%
3	6.481	742	747	759	rBV	1041557	1008633	86.43%	9.138%
4	6.616	766	770	773	rBV	1174046	1021764	87.55%	9.257%
5	6.845	806	809	813	rBV	351975	280131	24.00%	2.538%
6	7.004	832	836	839	rBV	952352	798960	68.46%	7.238%
7	7.410	901	905	908	rBV	646562	608045	52.10%	5.509%
8	8.127	1023	1027	1030	rBV	466199	363530	31.15%	3.294%
9	9.204	1205	1210	1213	rBV	1452939	1167056	100.00%	10.573%
10	9.592	1271	1276	1279	rBV	65278	58841	5.04%	0.533%
11	9.804	1308	1312	1316	rVB	37179	30401	2.60%	0.275%
12	9.886	1320	1326	1329	rBV	443938	403216	34.55%	3.653%
13	10.304	1394	1397	1400	rVB	33316	23526	2.02%	0.213%
14	10.674	1456	1460	1463	rBV	774954	647501	55.48%	5.866%
15	10.774	1474	1477	1488	rVB	24632	31831	2.73%	0.288%
16	11.374	1575	1579	1581	rBV	463969	397358	34.05%	3.600%
17	11.398	1581	1583	1586	rVV	119236	95327	8.17%	0.864%
18	11.445	1589	1591	1594	rVB	23337	19394	1.66%	0.176%
19	11.874	1659	1664	1665	rBV	15553	18875	1.62%	0.171%
20	11.904	1667	1669	1674	rVB2	21582	21567	1.85%	0.195%
21	11.986	1679	1683	1685	rBV2	22100	23887	2.05%	0.216%
22	12.586	1782	1785	1789	rVB	229107	180963	15.51%	1.639%
23	12.815	1818	1824	1827	rBV	191121	184194	15.78%	1.669%
24	12.957	1841	1848	1851	rBV	1092874	937487	80.33%	8.493%
25	13.033	1858	1861	1865	rVB2	10642	14877	1.27%	0.135%
26	13.145	1873	1880	1883	rVB2	14360	22394	1.92%	0.203%
27	13.251	1893	1898	1900	rBV2	14493	15348	1.32%	0.139%
28	13.651	1963	1966	1969	rVB	17836	17165	1.47%	0.156%
29	13.762	1980	1985	1988	rBV	19727	22999	1.97%	0.208%
30	13.839	1995	1998	2000	rBV3	42841	40591	3.48%	0.368%
31	13.862	2000	2002	2007	rVB	25375	23129	1.98%	0.210%
32	13.980	2019	2022	2024	rBV2	23202	22323	1.91%	0.202%
33	14.015	2024	2028	2031	rVV2	396892	422210	36.18%	3.825%
34	14.039	2031	2032	2036	rVB	85472	55481	4.75%	0.503%

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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	14.121	2041	2046	2050	rBV4	19370	27618	2.37%	0.250%
36	14.162	2050	2053	2056	rBV5	18175	18118	1.55%	0.164%
37	14.245	2063	2067	2070	rVB3	10082	15589	1.34%	0.141%
38	14.398	2089	2093	2096	rBV2	18861	21142	1.81%	0.192%
39	14.468	2103	2105	2108	rBV3	13321	19318	1.66%	0.175%
40	14.756	2151	2154	2159	rBV6	14458	20411	1.75%	0.185%
41	14.892	2174	2177	2180	rBV3	9889	14737	1.26%	0.134%
42	15.056	2201	2205	2208	rBV	99467	135440	11.61%	1.227%
43	15.162	2220	2223	2228	rVB	25333	28725	2.46%	0.260%
44	15.362	2253	2257	2262	rVB	59969	79049	6.77%	0.716%
45	15.427	2264	2268	2273	rVB	76083	92517	7.93%	0.838%
46	15.492	2273	2279	2283	rBV	258024	348606	29.87%	3.158%
47	15.915	2348	2351	2357	rVB	59727	84392	7.23%	0.765%
48	16.962	2524	2529	2534	rBV2	33940	66925	5.73%	0.606%
49	17.409	2599	2605	2614	rVB2	26723	64774	5.55%	0.587%

Sum of corrected areas: 11037710

LSC Report - Integrated Chromatogram

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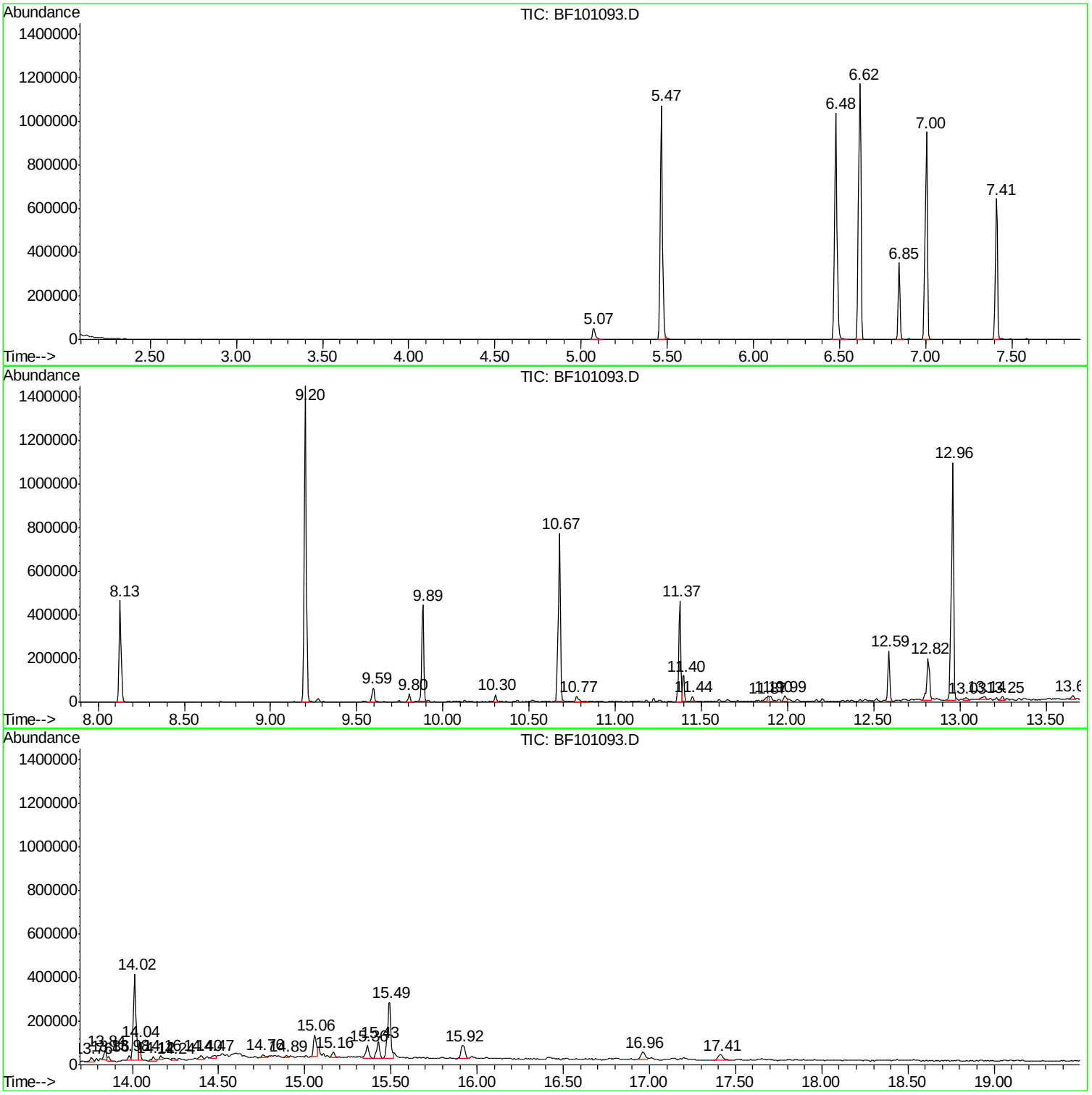
Instrument : BNA_F
ClientSampleId : SB-4(0-2)-20171128

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113017.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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Data File : BF101093.D
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Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-4(0-2)-20171128

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113017.M
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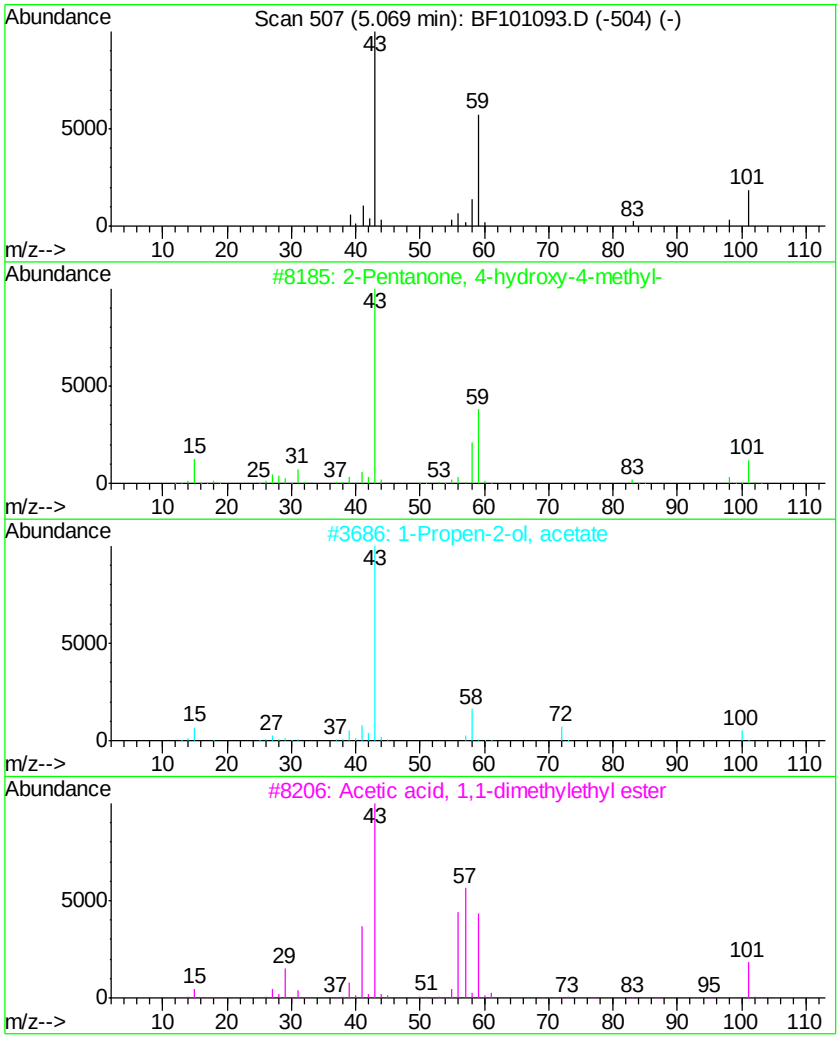
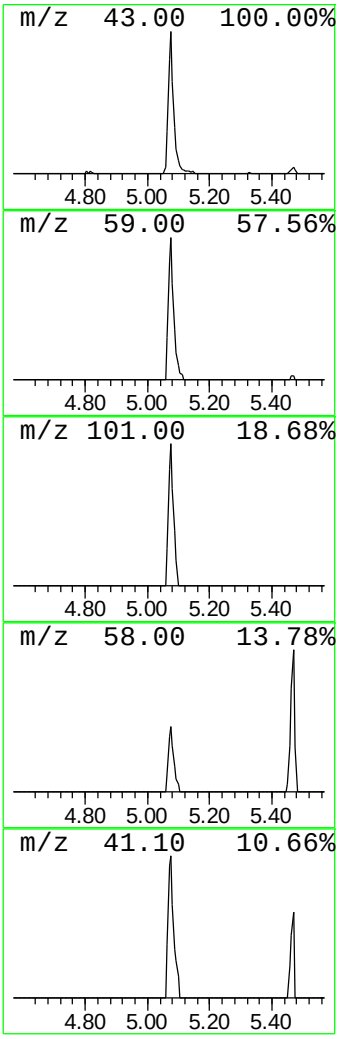
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.07	4.70 ng	65803	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	56
2	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	9
3	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	9
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	7
5	Diacetamide	101	C4H7NO2	000625-77-4	7





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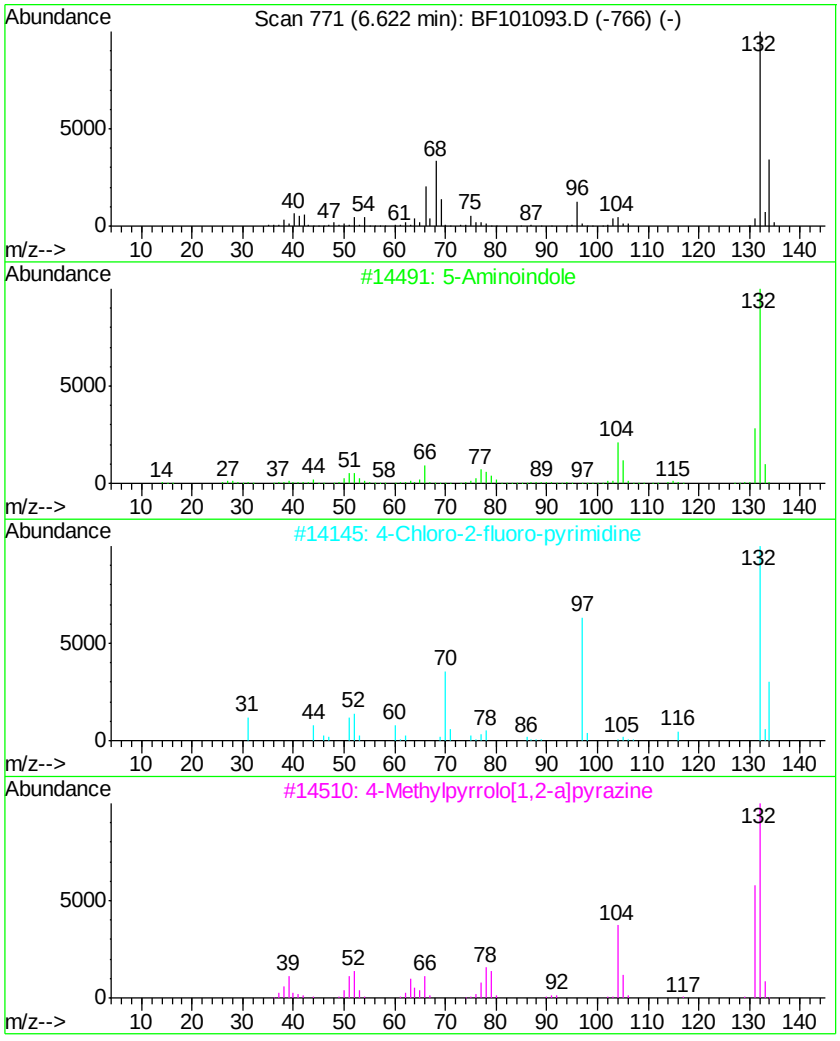
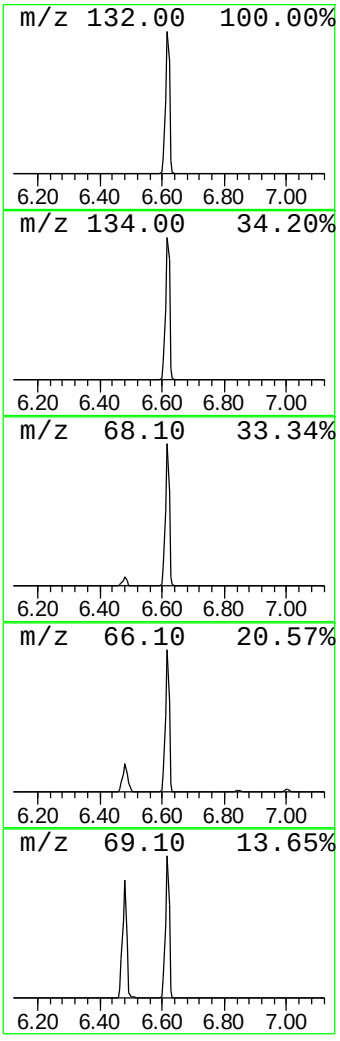
Peak Number 2 unknown6.62 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.62	72.95 ng	1021760	1,4-Dichlorobenzene-d4	6.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Aminoindole	132	C8H8N2	005192-03-0	12
2	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
3	4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9
4	1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9
5	1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9





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Instrument : BNA_F
ClientSampleId : SB-4(0-2)-20171128

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113017.M
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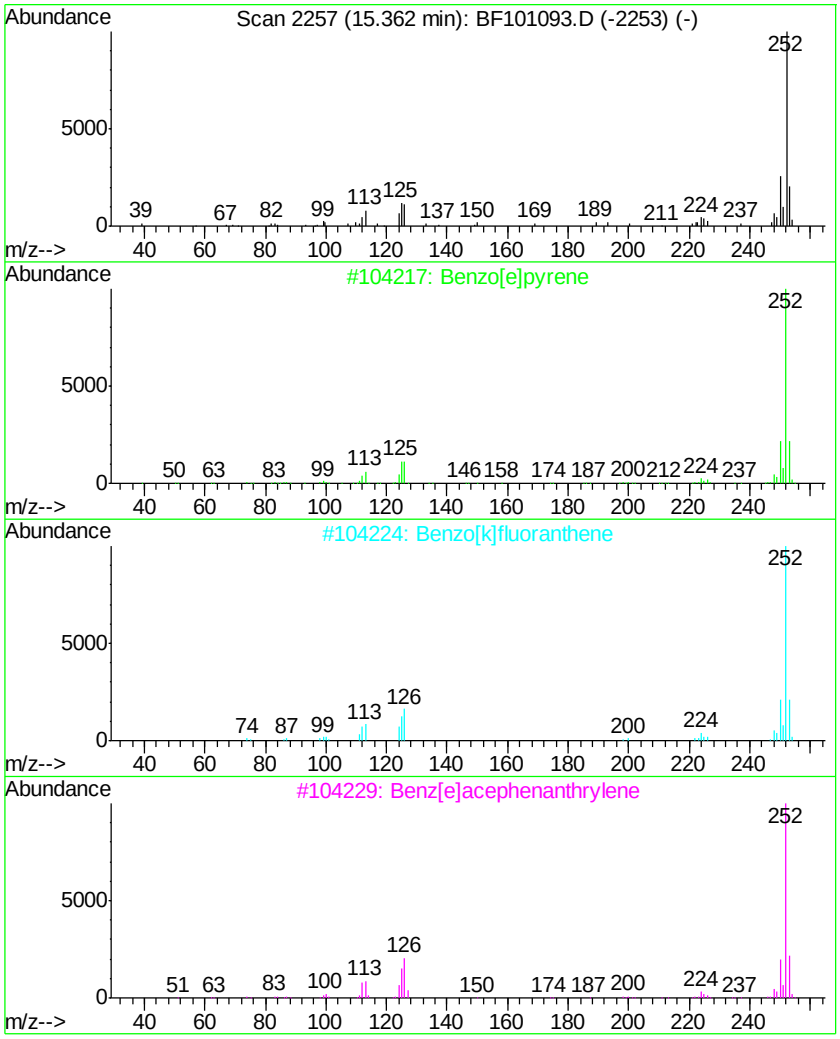
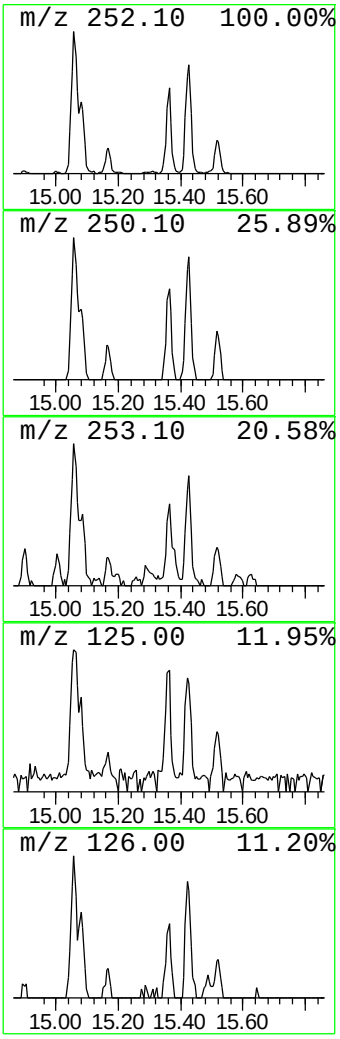
Peak Number 4 Benzo[e]pyrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.36	4.54 ng	79049	Perylene-d12	15.49

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	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	93
4	Perylene	252	C20H12	000198-55-0	93
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	93





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

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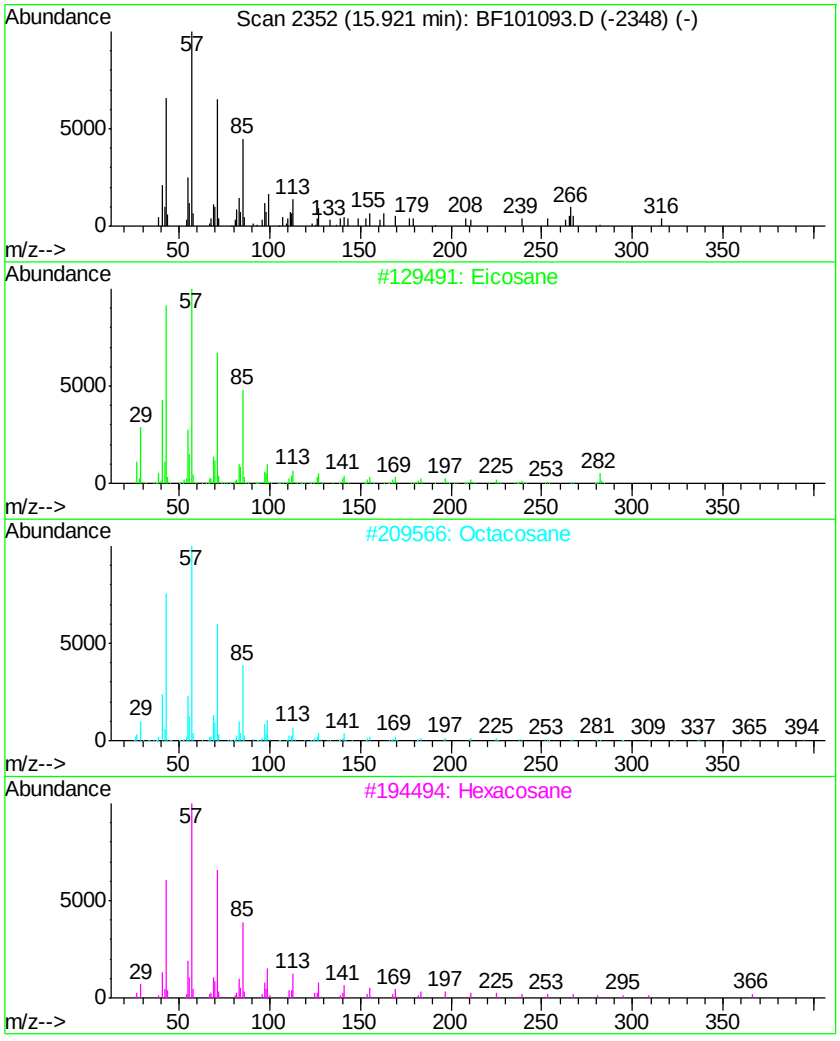
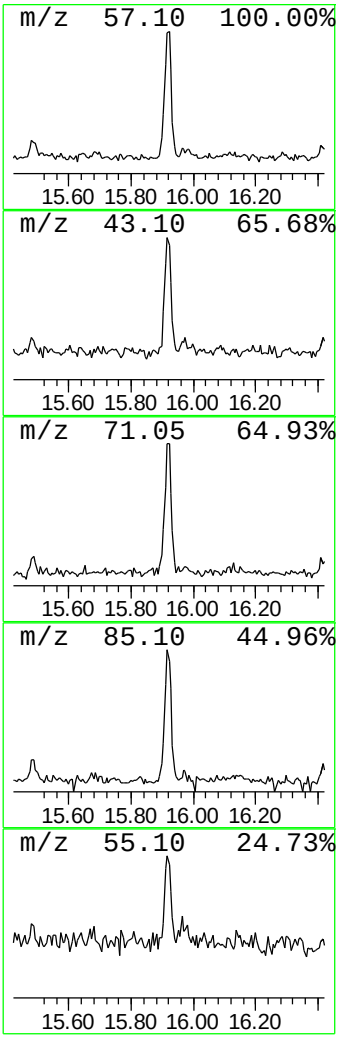
Peak Number 5 Eicosane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.92	4.84 ng	84392	Perylene-d12	15.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	89
2	Octacosane	394	C28H58	000630-02-4	76
3	Hexacosane	366	C26H54	000630-01-3	76
4	Pentacosane	352	C25H52	000629-99-2	76
5	Triacontane	422	C30H62	000638-68-6	68





Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	5.07	4.7	ng	65803	1	6.85	280131	20.0
unknown6.62	6.62	73.0	ng	1021760	1	6.85	280131	20.0
Benzo[e]pyrene	15.36	4.5	ng	79049	6	15.49	348606	20.0
Eicosane	15.92	4.8	ng	84392	6	15.49	348606	20.0