LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092916\
Data File : BF090290.D
Acq On : 29 Sep 2016 13:43
Operator : UM/SJ
Sample : H4982-12 2X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S-33

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-BF092016.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	1.644	3	5	52	rVB	2092317	5891210	100.00%	25.168%
2	4.513	254	256	268	rVB	166777	230392	3.91%	0.984%
3	5.004	297	299	313	rBV	1078718	1179464	20.02%	5.039%
4	6.113	394	396	398	rBV	1351324	1278906	21.71%	5.464%
5	6.216	403	405	408	rBV	1046076	1236549	20.99%	5.283%
6	6.456	424	426	429	rBV	843627	749878	12.73%	3.204%
7	6.616	437	440	442	rBV	986416	1051868	17.85%	4.494%
8	7.027	474	476	484	rBV	837844	783461	13.30%	3.347%
9	7.747	537	539	541	rBV	1169626	1013318	17.20%	4.329%
10	8.833	631	634	636	rBV	1647564	1574429	26.73%	6.726%
11	9.233	667	669	671	rBV	318846	275030	4.67%	1.175%
12	9.496	690	692	694	rBV	1090422	1078018	18.30%	4.605%
13	10.273	758	760	763	rBV	752521	709937	12.05%	3.033%
14	10.422	772	773	777	rVB	49476	65517	1.11%	0.280%
15	10.959	818	820	824	rBV	857875	989355	16.79%	4.227%
16	11.039	824	827	834	rVB	48772	80228	1.36%	0.343%
17	11.531	868	870	872	rVV2	63508	90014	1.53%	0.385%
18	11.565	872	873	878	rVB	56243	84724	1.44%	0.362%
19	12.159	923	925	929	rVB	382396	345702	5.87%	1.477%
20	12.308	936	938	942	rBV3	67874	110977	1.88%	0.474%
21	12.388	942	945	947	rBV	289185	367312	6.23%	1.569%
22	12.548	957	959	961	rBV	1104206	1054916	17.91%	4.507%
23	12.719	970	974	976	rVB2	49229	88024	1.49%	0.376%
24	12.822	981	983	985	rBV2	37418	59741	1.01%	0.255%
25	13.462	1038	1039	1043	rBV3	109541	173226	2.94%	0.740%
26	13.577	1046	1049	1055	rVV2	778115	1177934	19.99%	5.032%
27	14.102	1092	1095	1097	rBV4	128965	222658	3.78%	0.951%
28	14.560	1133	1135	1140	rBV	237246	461861	7.84%	1.973%
29	14.800	1154	1156	1159	rVB	151666	171621	2.91%	0.733%
30	14.845	1159	1160	1163	rBV	124277	200895	3.41%	0.858%
31	14.903	1163	1165	1170	rVB	482896	610469	10.36%	2.608%

Sum of corrected areas: 23407634

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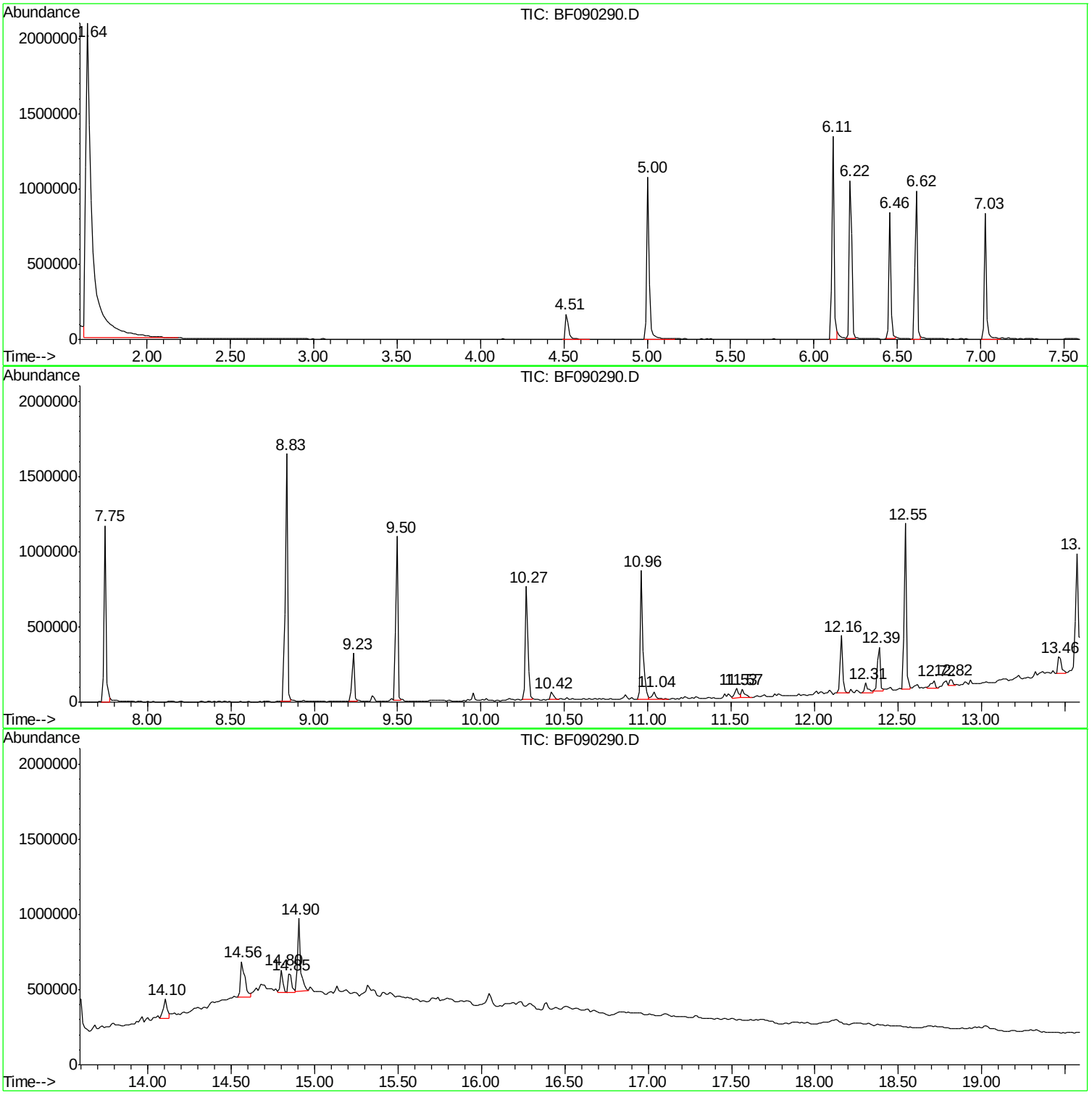
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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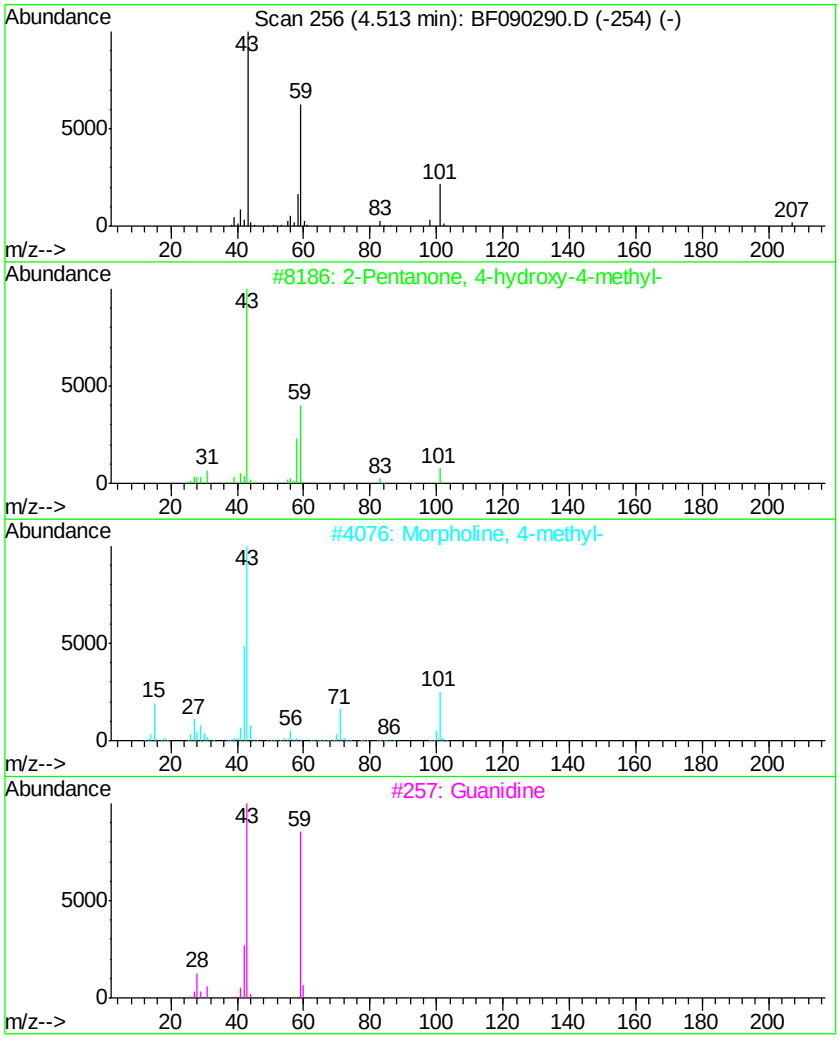
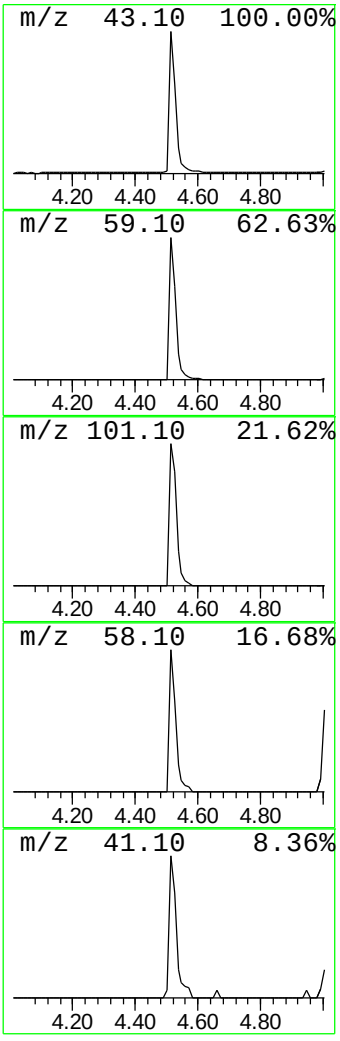
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.51	6.14 ng	230392	1,4-Dichlorobenzene-d4	6.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
3	Guanidine	59	CH5N3	000113-00-8	9
4	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9
5	Acetone	58	C3H6O	000067-64-1	9





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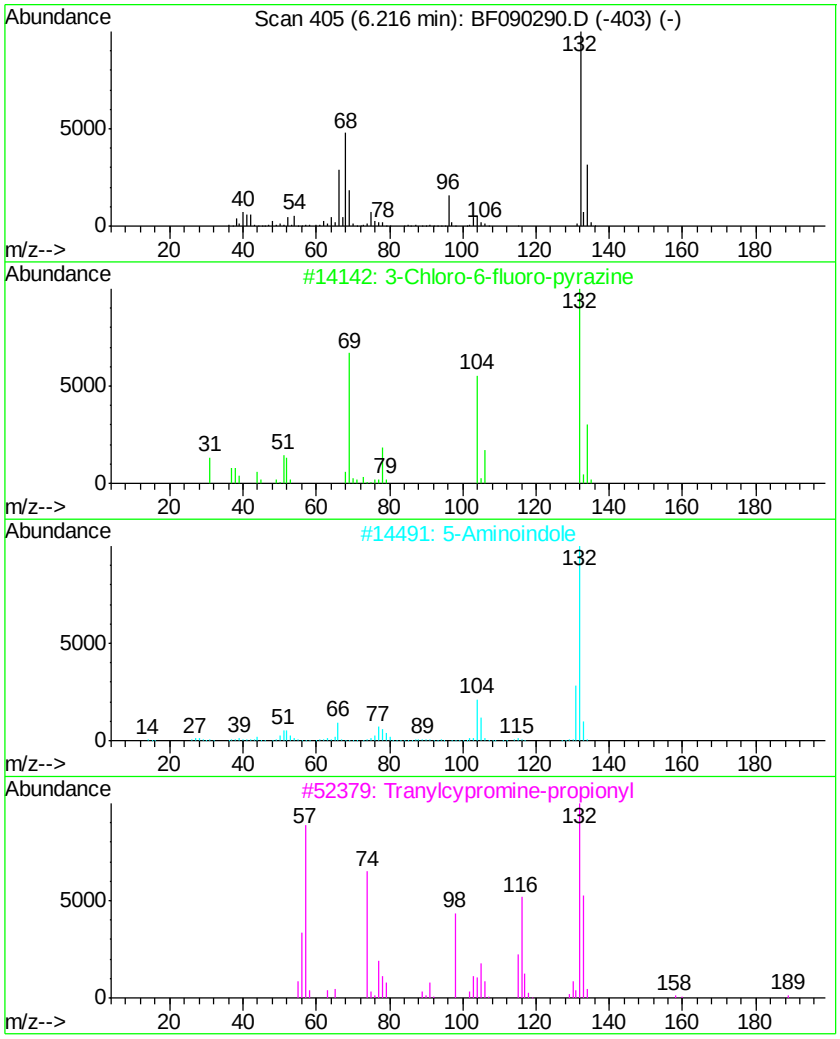
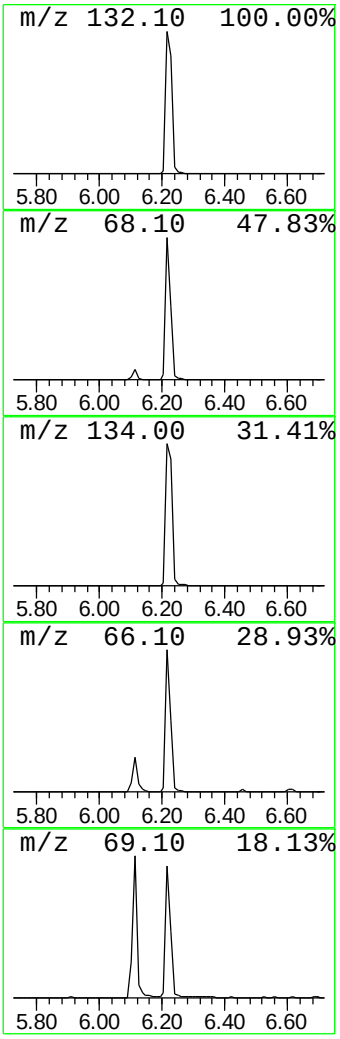
Peak Number 3 unknown6.22 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.22	32.98 ng	1236550	1,4-Dichlorobenzene-d4	6.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	5-Aminoindole	132	C8H8N2	005192-03-0	12
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9





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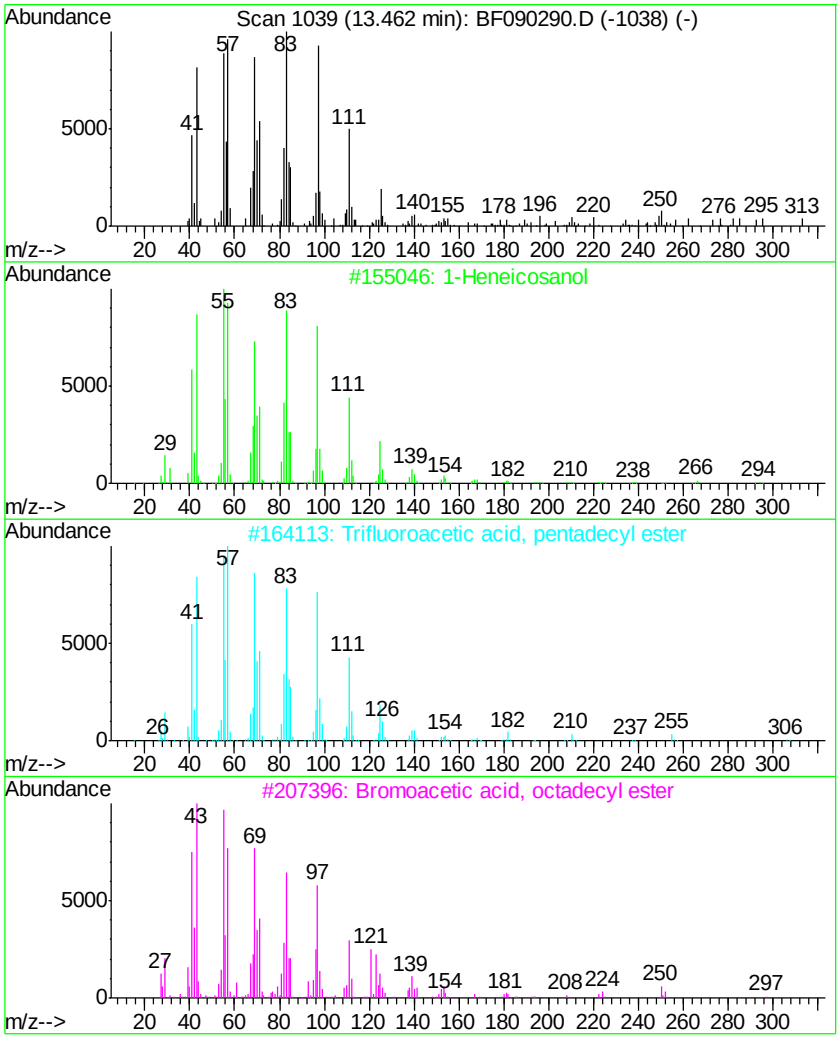
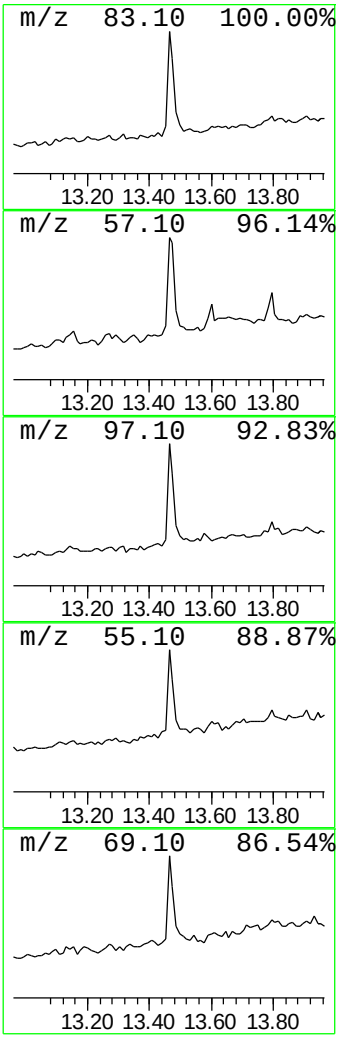
Peak Number 5 1-Heneicosanol Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.46	2.94 ng	173226	Chrysene-d12	13.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosanol	312	C21H44O	015594-90-8	94
2	Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	91
3	Bromoacetic acid, octadecyl ester	390	C20H39BrO2	018992-03-5	91
4	n-Nonadecanol-1	284	C19H40O	001454-84-8	90
5	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	90





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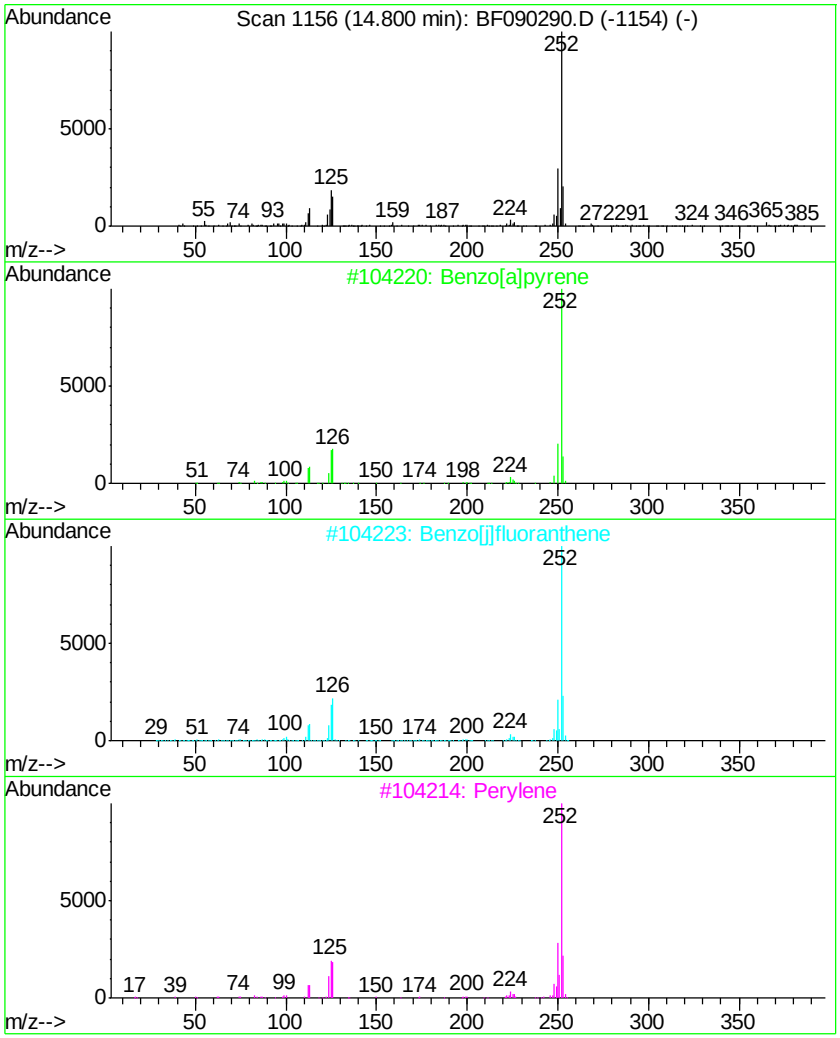
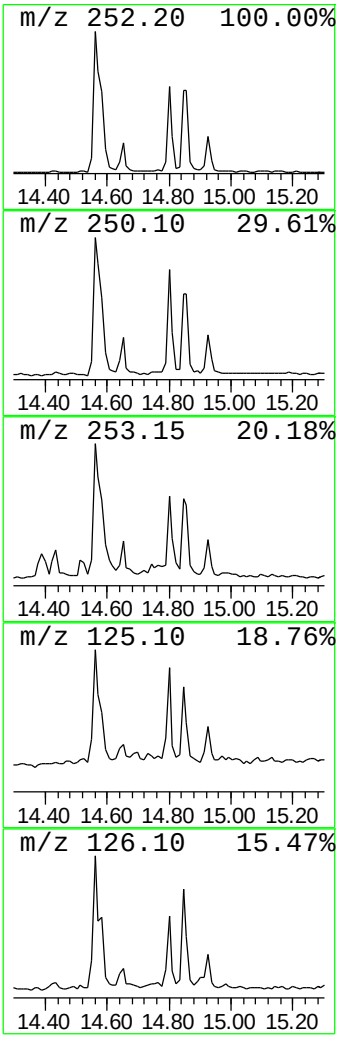
Peak Number 7 Benzo[a]pyrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.80	5.62 ng	171621	Perylene-d12	14.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[a]pyrene	252	C20H12	000050-32-8	96
2	Benzo[j]fluoranthene	252	C20H12	000205-82-3	94
3	Perylene	252	C20H12	000198-55-0	94
4	Benzo[e]pyrene	252	C20H12	000192-97-2	94
5	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	93





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...	4.51	6.1	ng	230392	1	6.46	749878	20.0
unknown6.22	6.22	33.0	ng	1236550	1	6.46	749878	20.0
1-Heneicosanol	13.46	2.9	ng	173226	5	13.58	1177930	20.0
Benzo[a]pyrene	14.80	5.6	ng	171621	6	14.90	610469	20.0