LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092816\
Data File : BF090284.D
Acq On : 28 Sep 2016 18:21
Operator : UM/SJ
Sample : H4982-03 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S-7

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	47	rVB	4414661	15320528	100.00%	53.514%
2	5.016	298	300	311	rBV	465996	621143	4.05%	2.170%
3	6.113	394	396	403	rBV	610043	670316	4.38%	2.341%
4	6.227	403	406	409	rVV	791636	714224	4.66%	2.495%
5	6.467	425	427	429	rBV	922815	906784	5.92%	3.167%
6	6.616	438	440	443	rBV	505172	543588	3.55%	1.899%
7	7.039	474	477	479	rBV	323909	380364	2.48%	1.329%
8	7.759	537	540	542	rBV	1209878	1227094	8.01%	4.286%
9	8.833	632	634	637	rVB	751557	796341	5.20%	2.782%
10	9.245	668	670	672	rBV	127705	164441	1.07%	0.574%
11	9.496	690	692	694	rBV	998167	1275779	8.33%	4.456%
12	9.931	726	730	735	rBV	184081	325211	2.12%	1.136%
13	10.285	758	761	763	rBV	406353	439209	2.87%	1.534%
14	10.548	783	784	788	rVV2	100527	191364	1.25%	0.668%
15	10.662	792	794	796	rVV2	128651	158966	1.04%	0.555%
16	10.696	796	797	800	rVV	125009	184031	1.20%	0.643%
17	10.971	819	821	825	rBV	1285443	1267215	8.27%	4.426%
18	12.171	924	926	929	rBV	225801	222910	1.45%	0.779%
19	12.319	937	939	943	rBV	284980	367630	2.40%	1.284%
20	12.388	943	945	948	rVV	187089	238713	1.56%	0.834%
21	12.548	957	959	962	rBV	448169	594325	3.88%	2.076%
22	13.588	1047	1050	1052	rBV	830170	1060701	6.92%	3.705%
23	14.571	1134	1136	1140	rBV	100265	213758	1.40%	0.747%
24	14.914	1163	1166	1168	rBV	641284	744399	4.86%	2.600%

Sum of corrected areas: 28629034

LSC Report - Integrated Chromatogram

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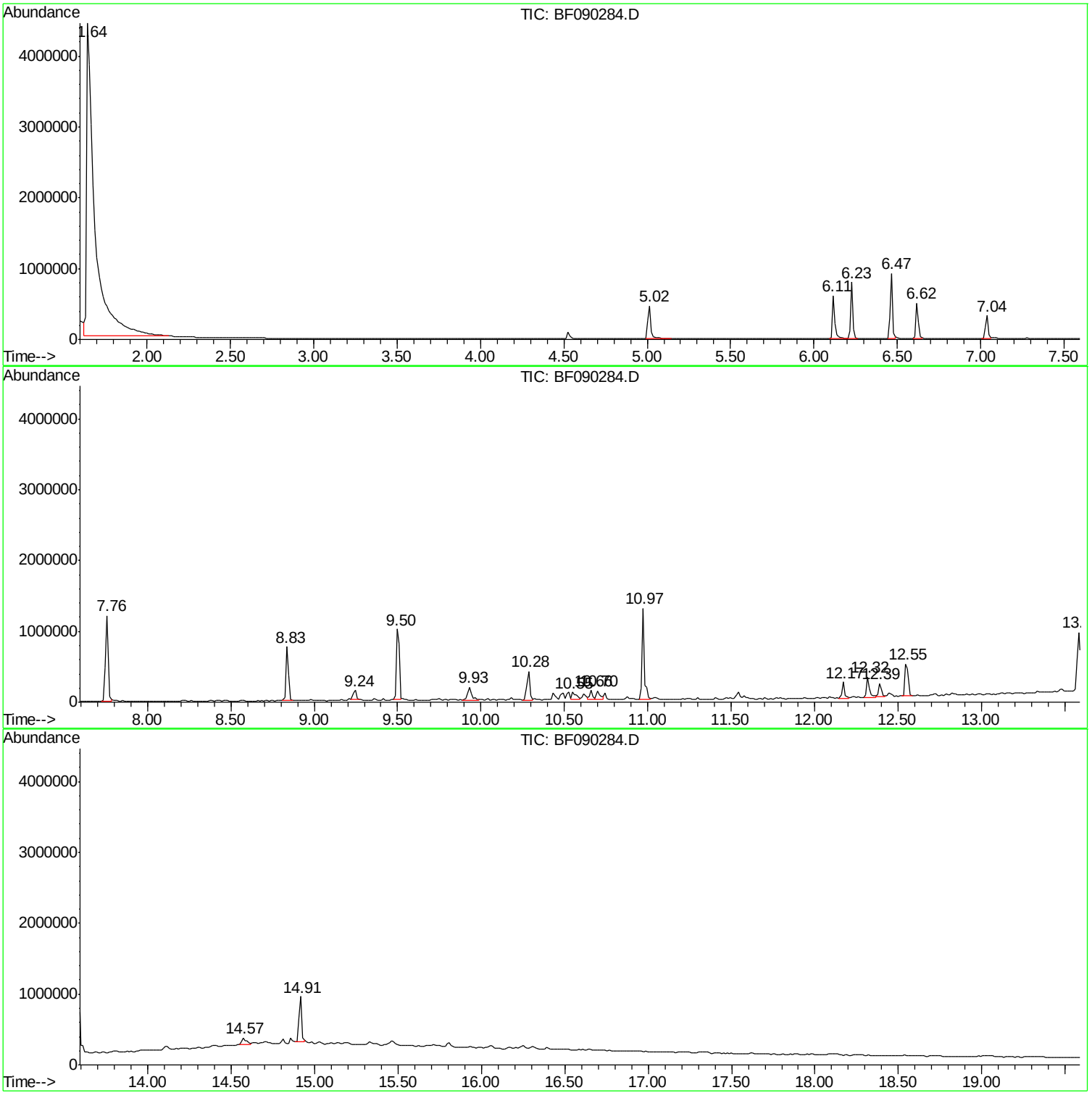
Instrument : BNA_F
ClientSampleId : S-7

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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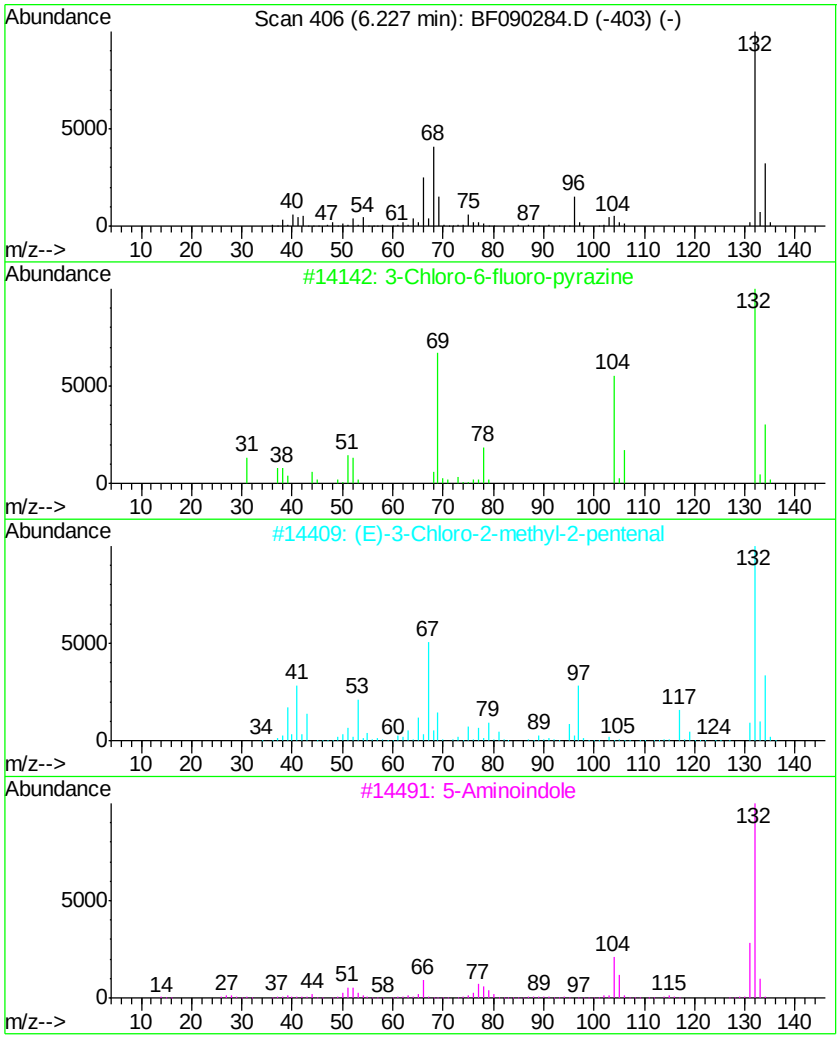
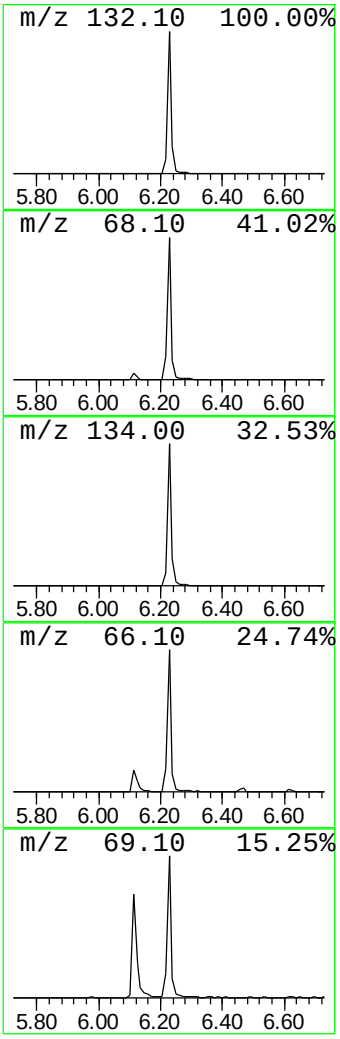
Peak Number 2 unknown6.23 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.23	15.75 ng	714224	1,4-Dichlorobenzene-d4	6.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
3	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9
5	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	9





Library Search Compound Report

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Instrument : BNA_F
ClientSampleId : S-7

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092016.M
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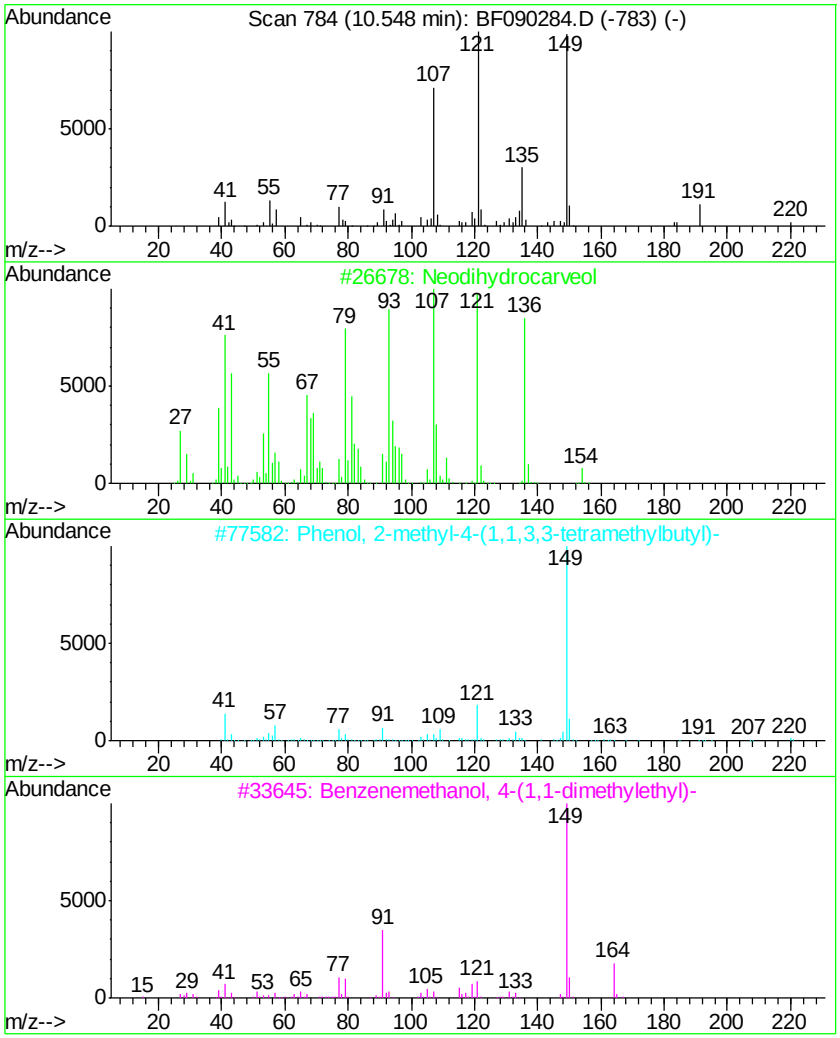
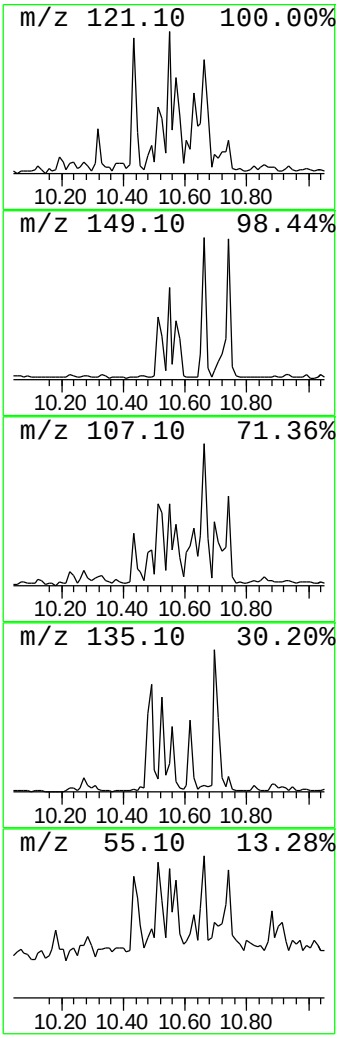
Peak Number 4 unknown10.55 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.55	3.02 ng	191364	Phenanthrene-d10	10.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Neodihydrocarveol	154	C10H18O	018675-34-8	35
2	Phenol, 2-methyl-4-(1,1,3,3-tetr...	220	C15H24O	002219-84-3	35
3	Benzenemethanol, 4-(1,1-dimethyl...	164	C11H16O	000877-65-6	27
4	Benzene, 1-methoxy-4-propyl-	150	C10H14O	000104-45-0	25
5	1H-1,2,3,4-Tetrazole-1,5-diamine...	220	C9H12N6O	1000349-95-8	25





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Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S-7

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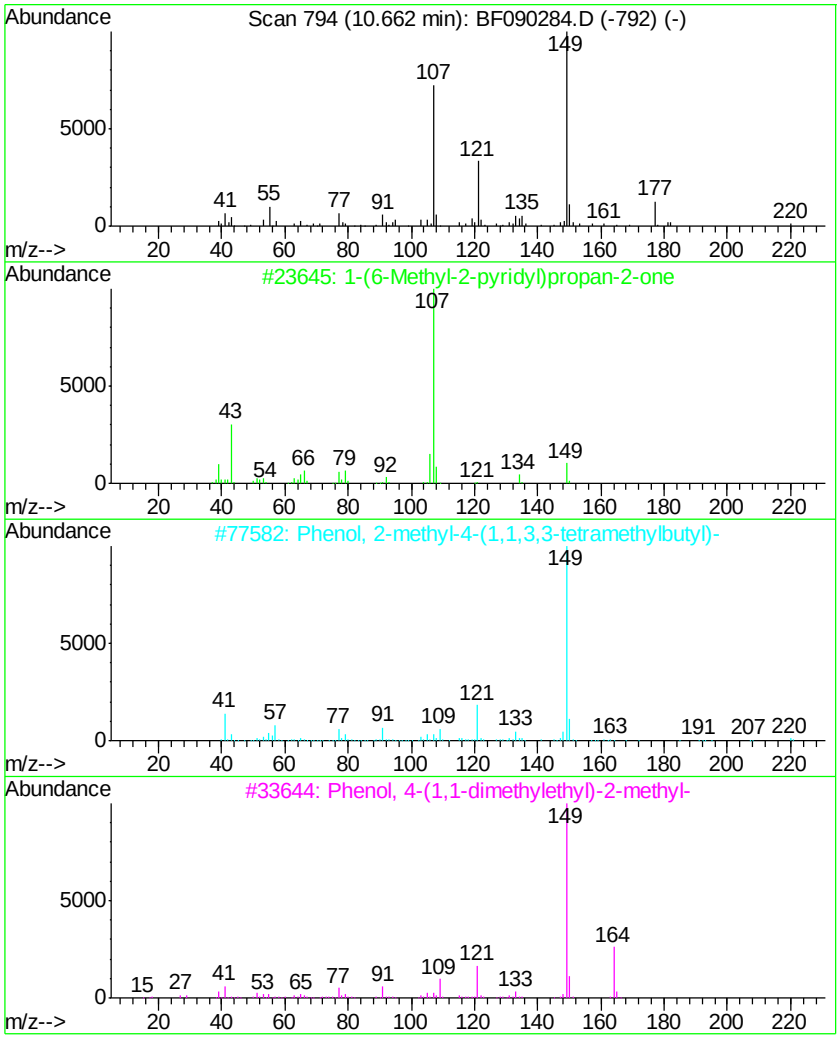
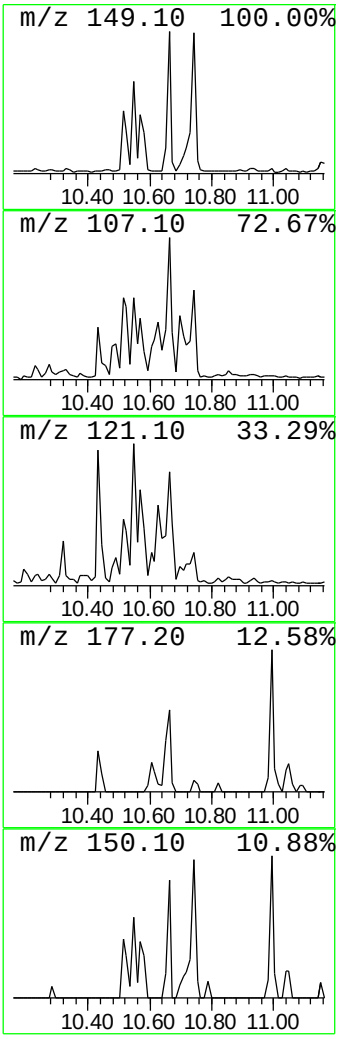
Peak Number 5 1-(6-Methyl-2-pyridyl)propa... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.66	2.51 ng	158966	Phenanthrene-d10	10.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-(6-Methyl-2-pyridyl)propan-2-one	149	C9H11NO	065702-08-1	59
2	Phenol, 2-methyl-4-(1,1,3,3-tetr...	220	C15H24O	002219-84-3	52
3	Phenol, 4-(1,1-dimethylethyl)-2-...	164	C11H16O	000098-27-1	50
4	Phthalic acid, ethyl isopropyl e...	236	C13H16O4	1000314-99-6	47
5	Phthalic acid, entyl undec-2-en-...	346	C21H30O4	1000315-41-3	47





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Instrument : BNA_F
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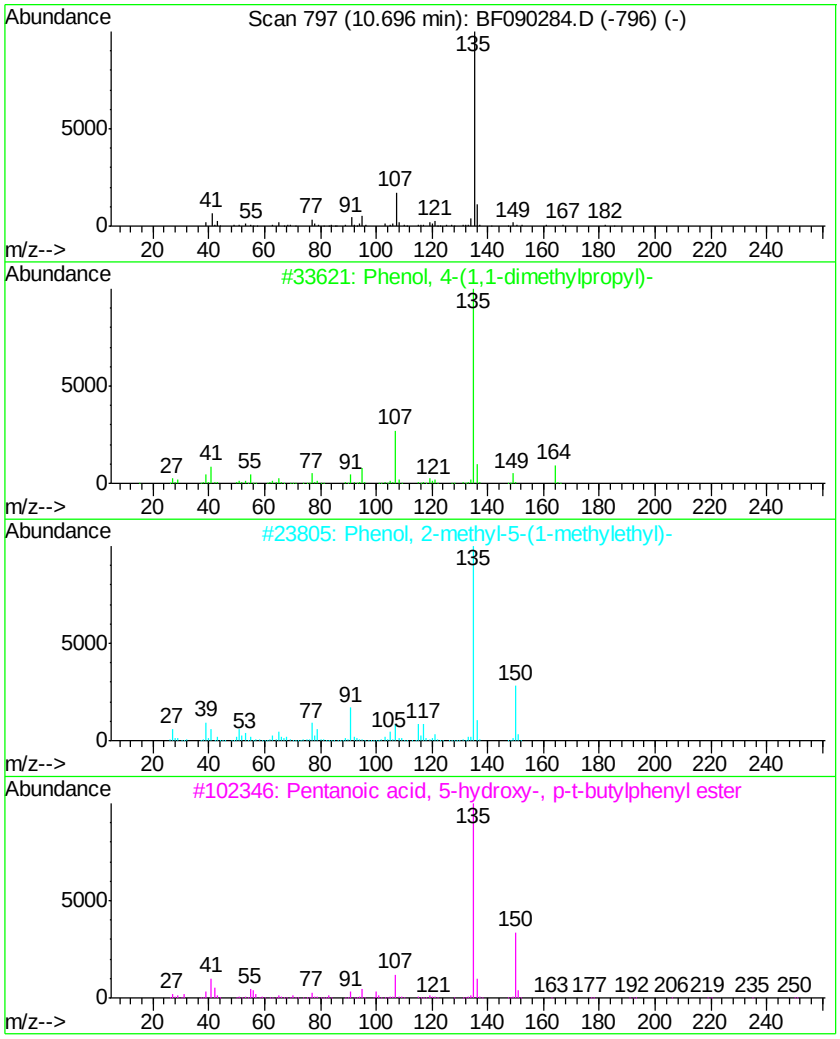
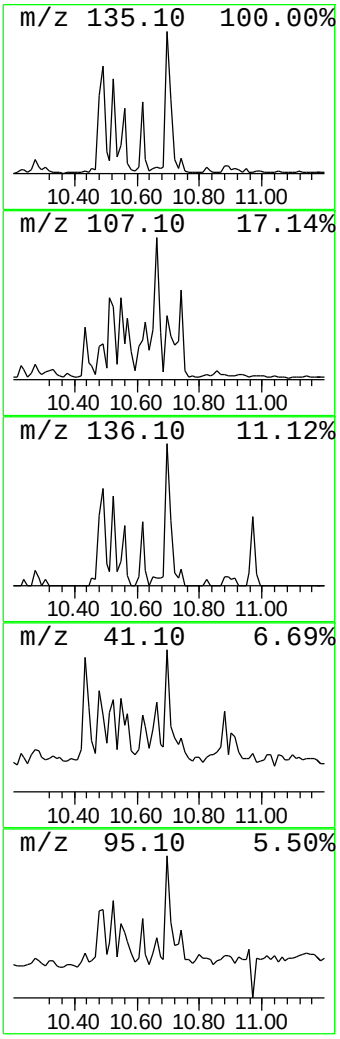
Peak Number 6 Phenol, 4-(1,1-dimethylprop... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.70	2.90 ng	184031	Phenanthrene-d10	10.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4-(1,1-dimethylpropyl)-	164	C11H16O	000080-46-6	74
2	Phenol, 2-methyl-5-(1-methylethyl)-	150	C10H14O	000499-75-2	72
3	Pentanoic acid, 5-hydroxy-, p-t-...	250	C15H22O3	166273-37-6	72
4	Hexestrol	270	C18H22O2	000084-16-2	72
5	1-Adamantanecarboxylic acid, 3,4...	324	C17H18Cl2O2	1000307-66-4	59





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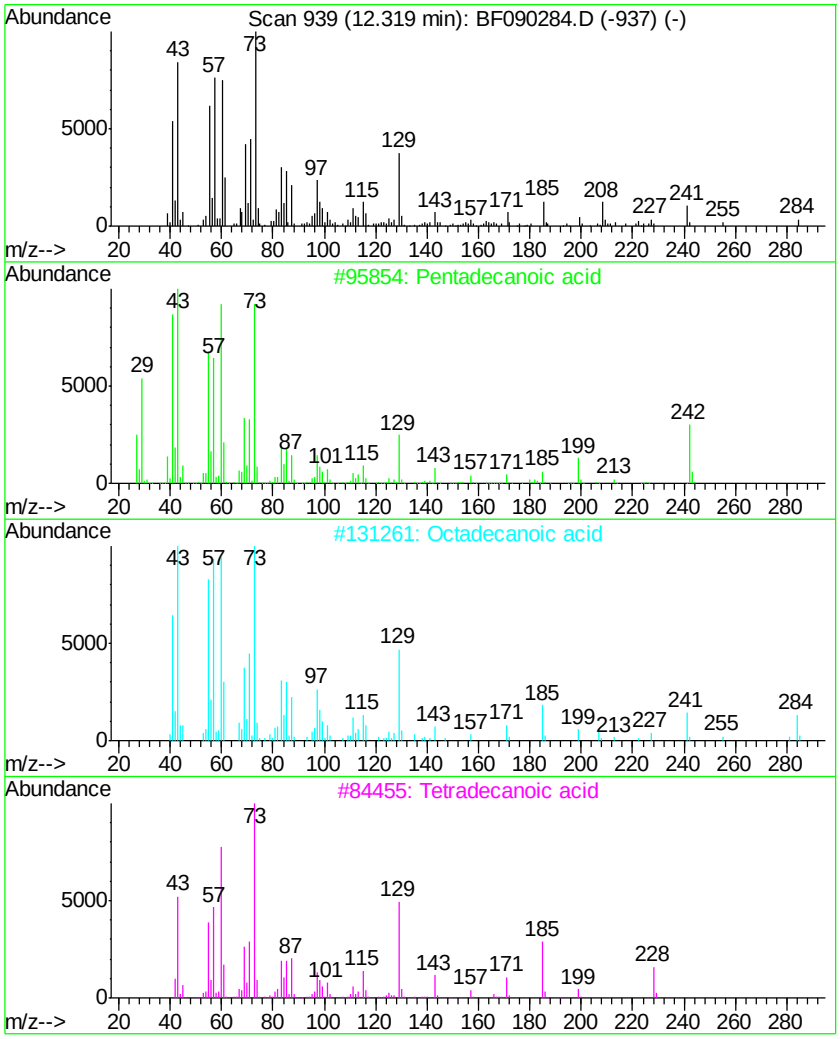
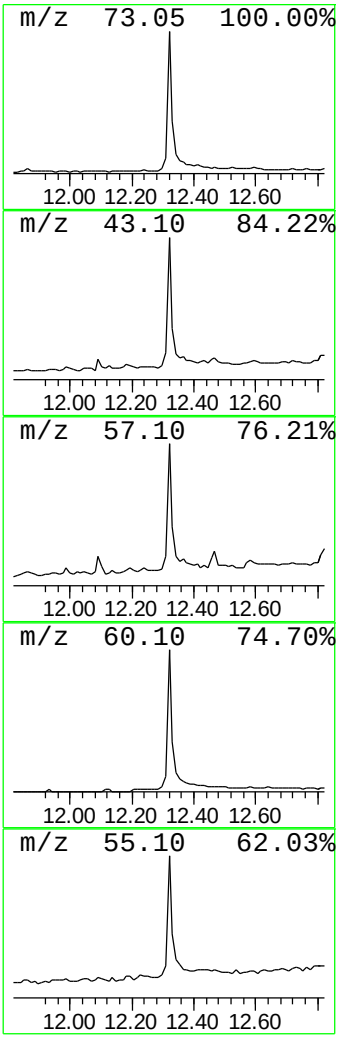
****

Peak Number 7 Pentadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.32	6.93 ng	367630	Chrysene-d12	13.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecanoic acid	242	C15H30O2	001002-84-2	94
2	Octadecanoic acid	284	C18H36O2	000057-11-4	94
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	89
4	n-Decanoic acid	172	C10H20O2	000334-48-5	68
5	Hexadecane	226	C16H34	000544-76-3	59





Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown6.23	6.23	15.8	ng	714224	1	6.47	906784	20.0
unknown10.55	10.55	3.0	ng	191364	4	10.97	1267220	20.0
1-(6-Methyl-2-pyr...	10.66	2.5	ng	158966	4	10.97	1267220	20.0
Phenol, 4-(1,1-di...	10.70	2.9	ng	184031	4	10.97	1267220	20.0
Pentadecanoic acid	12.32	6.9	ng	367630	5	13.59	1060700	20.0