LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090816\
Data File : BF090037.D
Acq On : 8 Sep 2016 21:14
Operator : UM/SJ
Sample : H4704-08
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-8-7.0-8.0

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-BF083116.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	1.724	10	12	56	rVB	4797187	12831700	100.00%	24.941%
2	4.718	272	274	285	rBV	578266	986042	7.68%	1.917%
3	5.176	311	314	316	rBV	3387984	3615990	28.18%	7.028%
4	6.250	405	408	410	rBV	3421657	4212331	32.83%	8.187%
5	6.364	415	418	420	rBV	3921677	3873917	30.19%	7.530%
6	6.593	436	438	444	rBV	807192	1091265	8.50%	2.121%
7	6.753	449	452	455	rBV	3180410	3016106	23.51%	5.862%
8	7.164	485	488	491	rBV	1911650	2233702	17.41%	4.342%
9	7.884	549	551	561	rBV	1660619	1556864	12.13%	3.026%
10	8.970	643	646	648	rBV	3939613	4676525	36.45%	9.090%
11	9.359	678	680	683	rBV	1035439	1098045	8.56%	2.134%
12	9.633	701	704	706	rBV	1615176	1614263	12.58%	3.138%
13	10.410	769	772	775	rBV	2108347	2362641	18.41%	4.592%
14	10.559	783	785	789	rVB	94366	164211	1.28%	0.319%
15	11.096	830	832	843	rVB	1309091	1496884	11.67%	2.909%
16	12.685	968	971	973	rBV	3530939	3567307	27.80%	6.934%
17	13.588	1048	1050	1055	rBV	146972	216518	1.69%	0.421%
18	13.714	1058	1061	1068	rBV	1248622	1425003	11.11%	2.770%
19	15.051	1176	1178	1182	rBV	728768	1012779	7.89%	1.969%
20	17.600	1394	1401	1410	rBV	75325	396732	3.09%	0.771%

Sum of corrected areas: 51448825

LSC Report - Integrated Chromatogram

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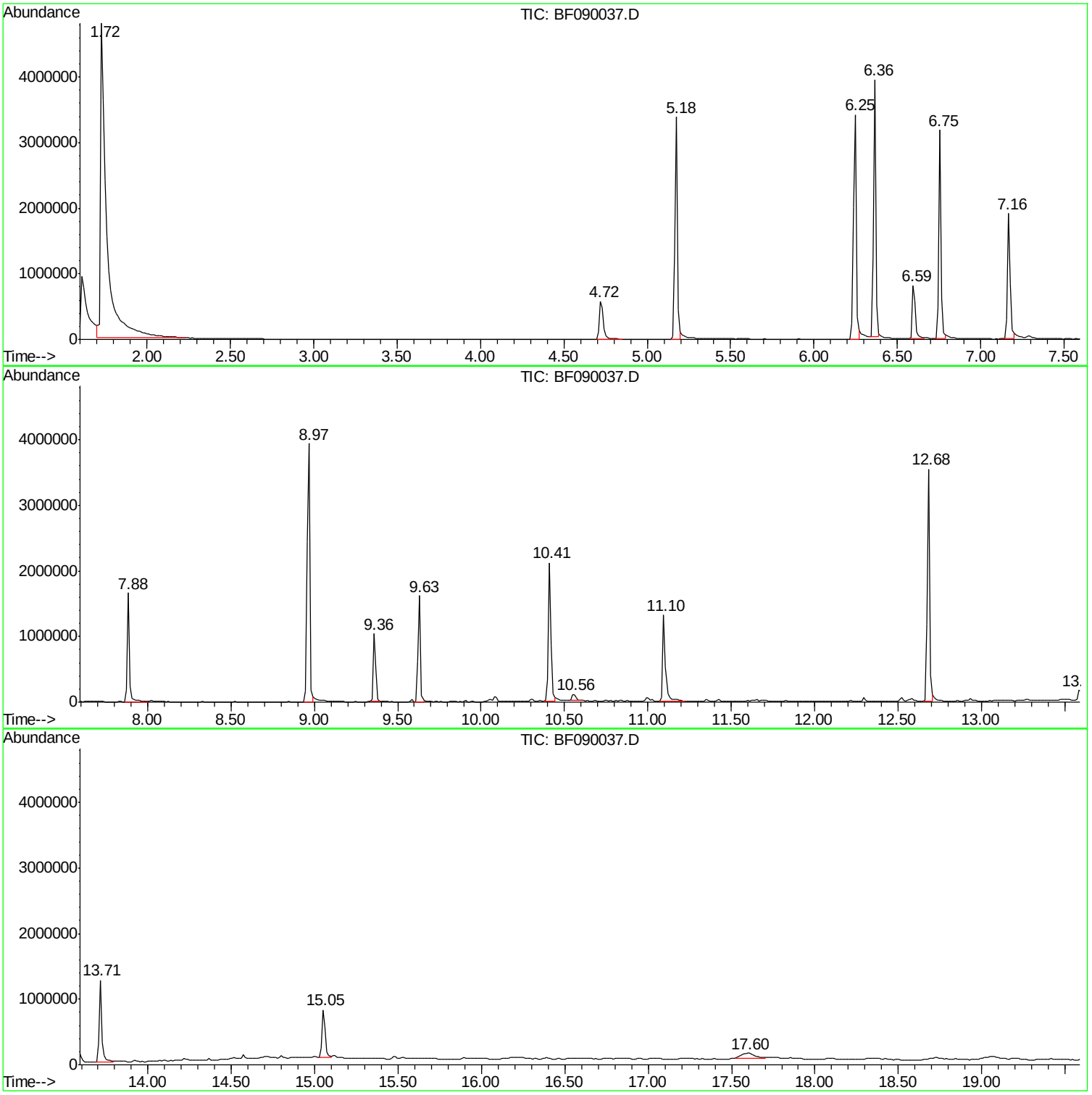
Instrument : BNA_F
ClientSampleId : SB-8-7.0-8.0

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF083116.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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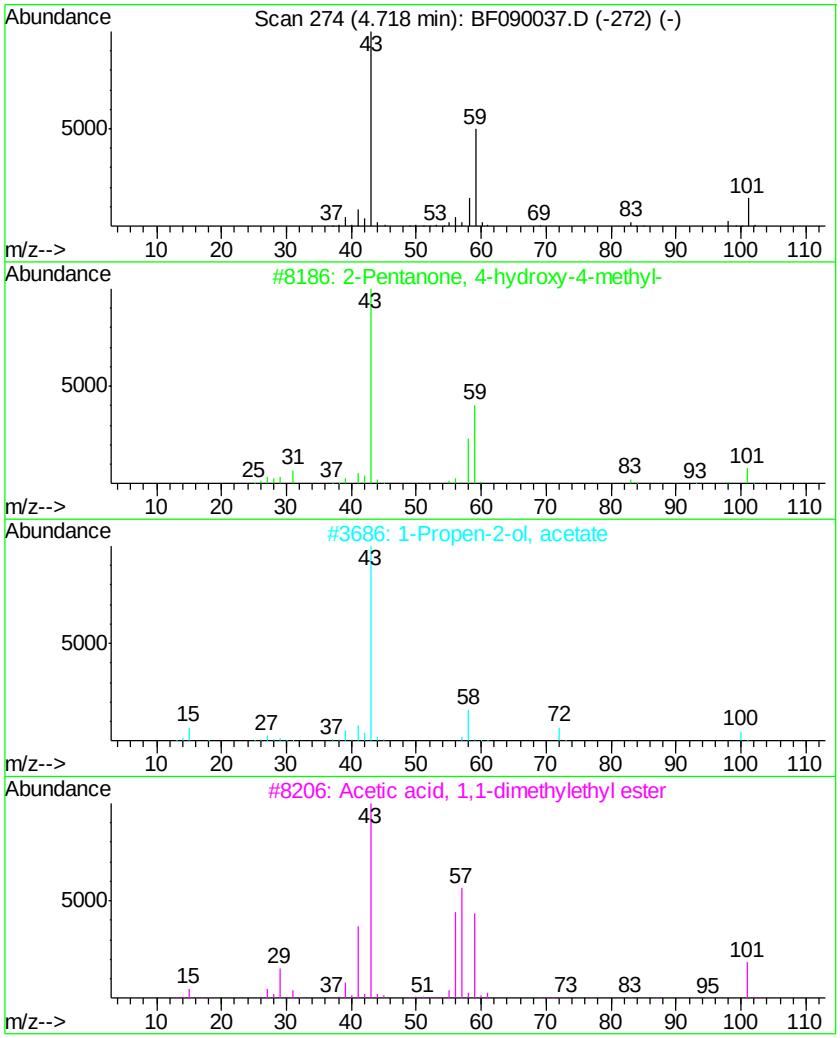
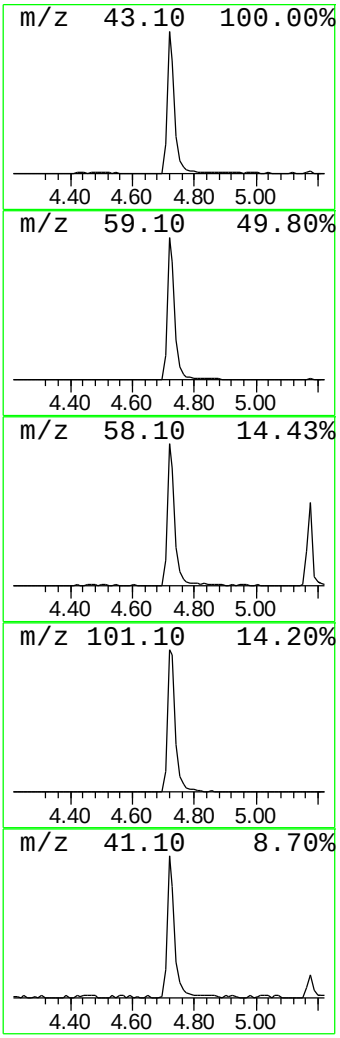
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.72	18.07 ng	986042	1,4-Dichlorobenzene-d4	6.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
3	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	9
4	2-Propanone, 1-(1-methylethoxy)-	116	C6H12O2	042781-12-4	9
5	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	7





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090816\
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Acq On : 8 Sep 2016 21:14
Operator : UM/SJ
Sample : H4704-08
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-8-7.0-8.0

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF083116.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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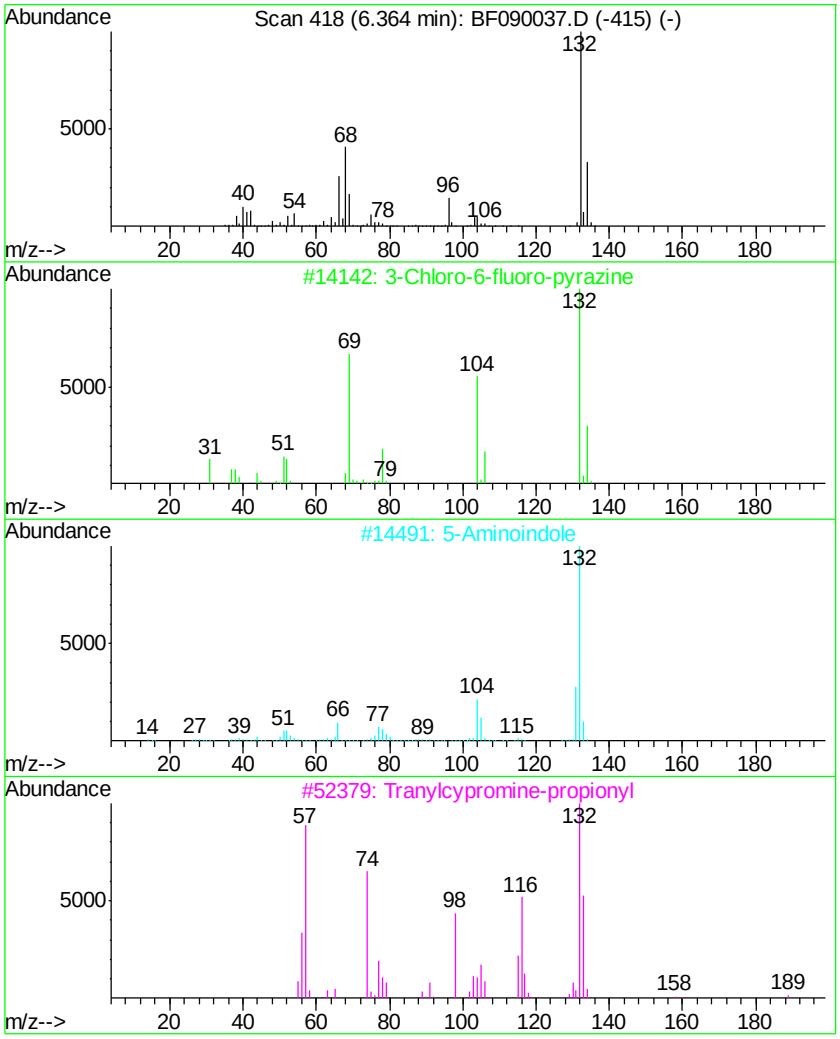
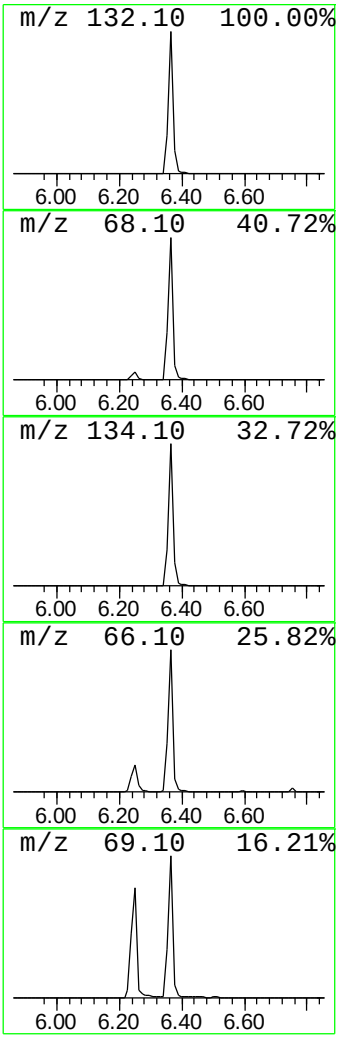
Peak Number 3 unknown6.36 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.36	71.00 ng	3873920	1,4-Dichlorobenzene-d4	6.59

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	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9





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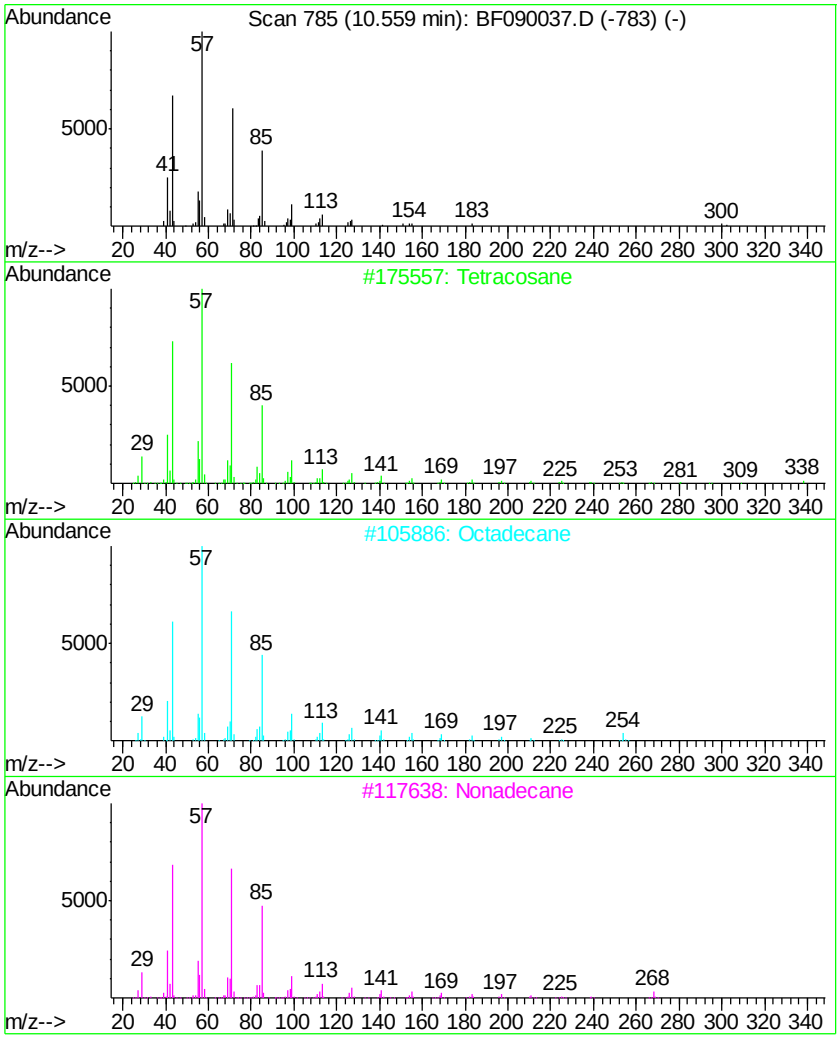
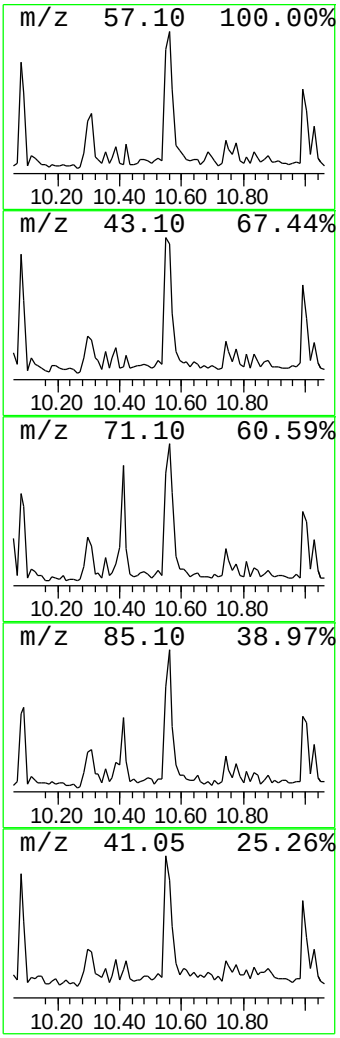
Peak Number 5 Tetracosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.56	2.19 ng	164211	Phenanthrene-d10	11.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	91
2	Octadecane	254	C18H38	000593-45-3	90
3	Nonadecane	268	C19H40	000629-92-5	90
4	Hexadecane	226	C16H34	000544-76-3	90
5	Heptadecane	240	C17H36	000629-78-7	90





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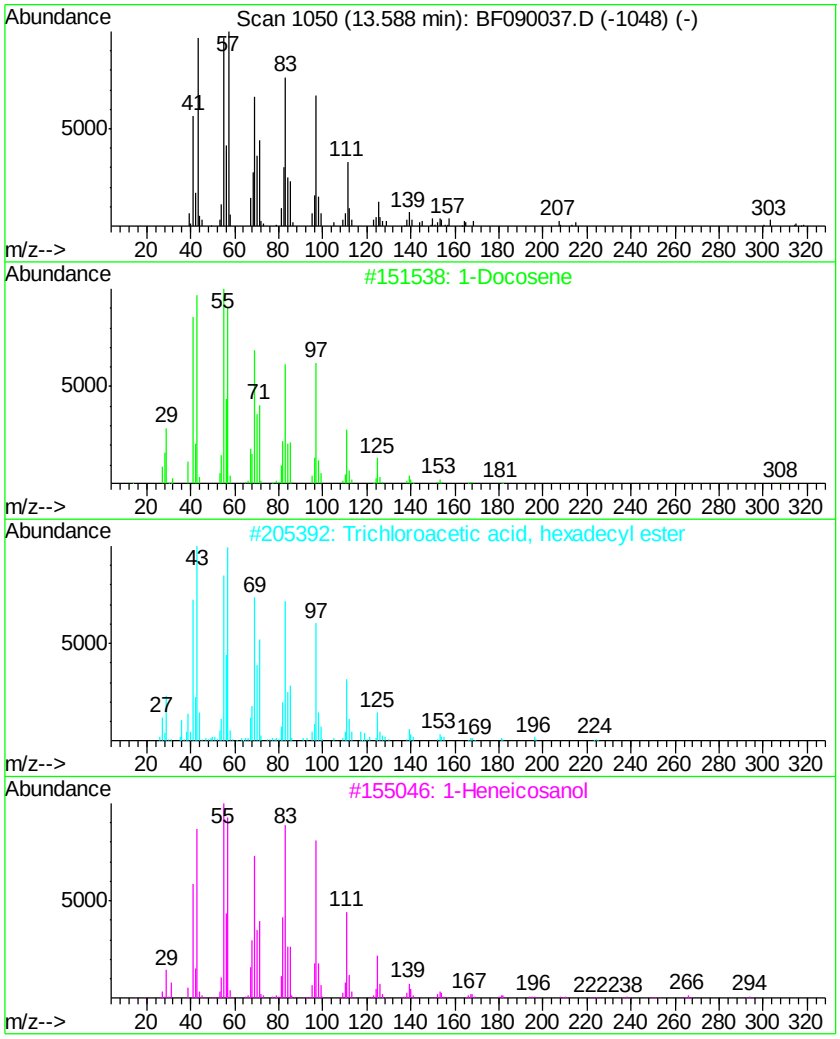
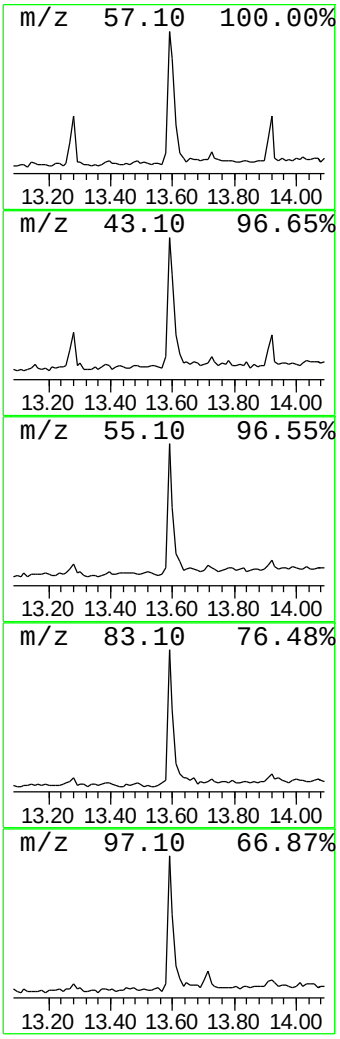
Peak Number 6 1-Docosene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.59	3.04 ng	216518	Chrysene-d12	13.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosene	308	C22H44	001599-67-3	95
2	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	95
3	1-Heneicosanol	312	C21H44O	015594-90-8	94
4	Bromoacetic acid, pentadecyl ester	348	C17H33BrO2	131143-01-6	93
5	n-Tetracosanol-1	354	C24H50O	000506-51-4	91





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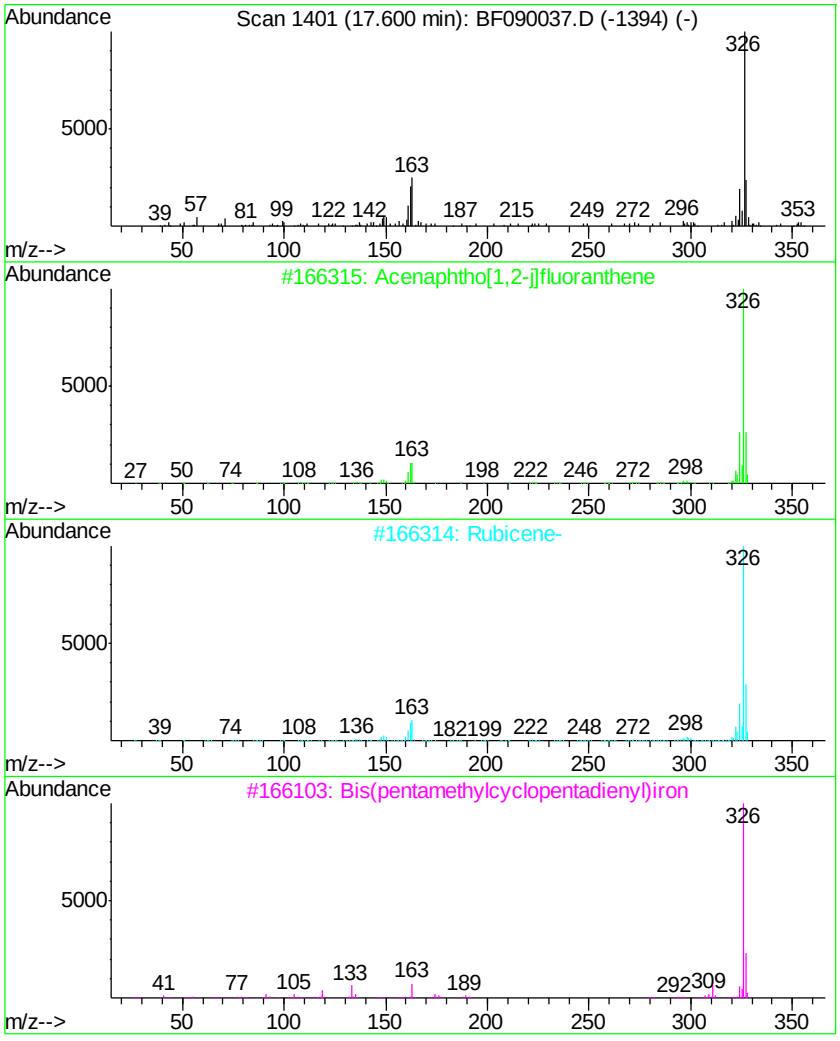
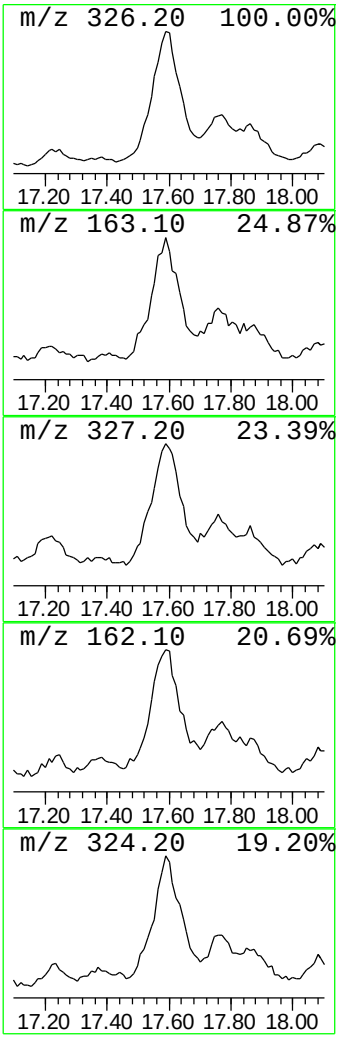
Peak Number 7 Acenaphtho[1,2-j]fluoranthene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.60	7.83 ng	396732	Perylene-d12	15.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acenaphtho[1,2-j]fluoranthene	326	C26H14	000193-21-5	81
2	Rubicene-	326	C26H14	000197-61-5	60
3	Bis(pentamethylcyclopentadienyl)...	326	C20H30Fe	012126-50-0	47
4	2-(4-Biphenylyl)imidazo[2,1-b]be...	326	C21H14N2S	038956-29-5	47
5	Alizarin, 1,2-O-(phenylboranediyl)-	326	C20H11BO4	1000161-74-3	46





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...	4.72	18.1	ng	986042	1	6.59	1091270	20.0
unknown6.36	6.36	71.0	ng	3873920	1	6.59	1091270	20.0
Tetracosane	10.56	2.2	ng	164211	4	11.10	1496880	20.0
1-Docosene	13.59	3.0	ng	216518	5	13.71	1425000	20.0
Acenaphtho[1,2-j]...	17.60	7.8	ng	396732	6	15.05	1012780	20.0