LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072216\
Data File : BF089192.D
Acq On : 22 Jul 2016 12:41
Operator : UM/SJ
Sample : H4074-10
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-03-COMP

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-BF072016.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	52	rVB	824841	1835274	100.00%	14.601%
2	4.718	272	274	283	rBV	39459	61462	3.35%	0.489%
3	5.176	312	314	339	rBV	891901	1115455	60.78%	8.874%
4	6.250	406	408	415	rBV	966332	1201160	65.45%	9.556%
5	6.364	415	418	420	rBV	853349	1139718	62.10%	9.067%
6	6.593	436	438	449	rBV	235662	274492	14.96%	2.184%
7	6.742	449	451	454	rBV	810557	830069	45.23%	6.604%
8	7.164	485	488	490	rBV	594505	738463	40.24%	5.875%
9	7.873	548	550	561	rBV	427419	402033	21.91%	3.198%
10	8.947	642	644	647	rBV	1003739	1171856	63.85%	9.323%
11	9.347	677	679	682	rBV	365252	401478	21.88%	3.194%
12	9.622	700	703	705	rBV	350984	427447	23.29%	3.401%
13	10.399	769	771	774	rBV2	554720	723596	39.43%	5.757%
14	10.536	781	783	789	rVB	16999	19521	1.06%	0.155%
15	11.085	829	831	834	rBV	291157	404296	22.03%	3.216%
16	12.514	954	956	959	rVB	48279	43912	2.39%	0.349%
17	12.674	968	970	972	rBV	988845	928174	50.57%	7.384%
18	13.588	1047	1050	1055	rBV2	22220	40441	2.20%	0.322%
19	13.714	1058	1061	1063	rBV	264159	324231	17.67%	2.579%
20	14.697	1145	1147	1152	rVB	10876	19520	1.06%	0.155%
21	15.051	1176	1178	1181	rBV	206962	282583	15.40%	2.248%
22	16.342	1289	1291	1300	rVB5	7408	31200	1.70%	0.248%
23	16.651	1314	1318	1323	rBV8	5258	21407	1.17%	0.170%
24	17.794	1410	1418	1429	rBV4	18801	131859	7.18%	1.049%

Sum of corrected areas: 12569647

LSC Report - Integrated Chromatogram

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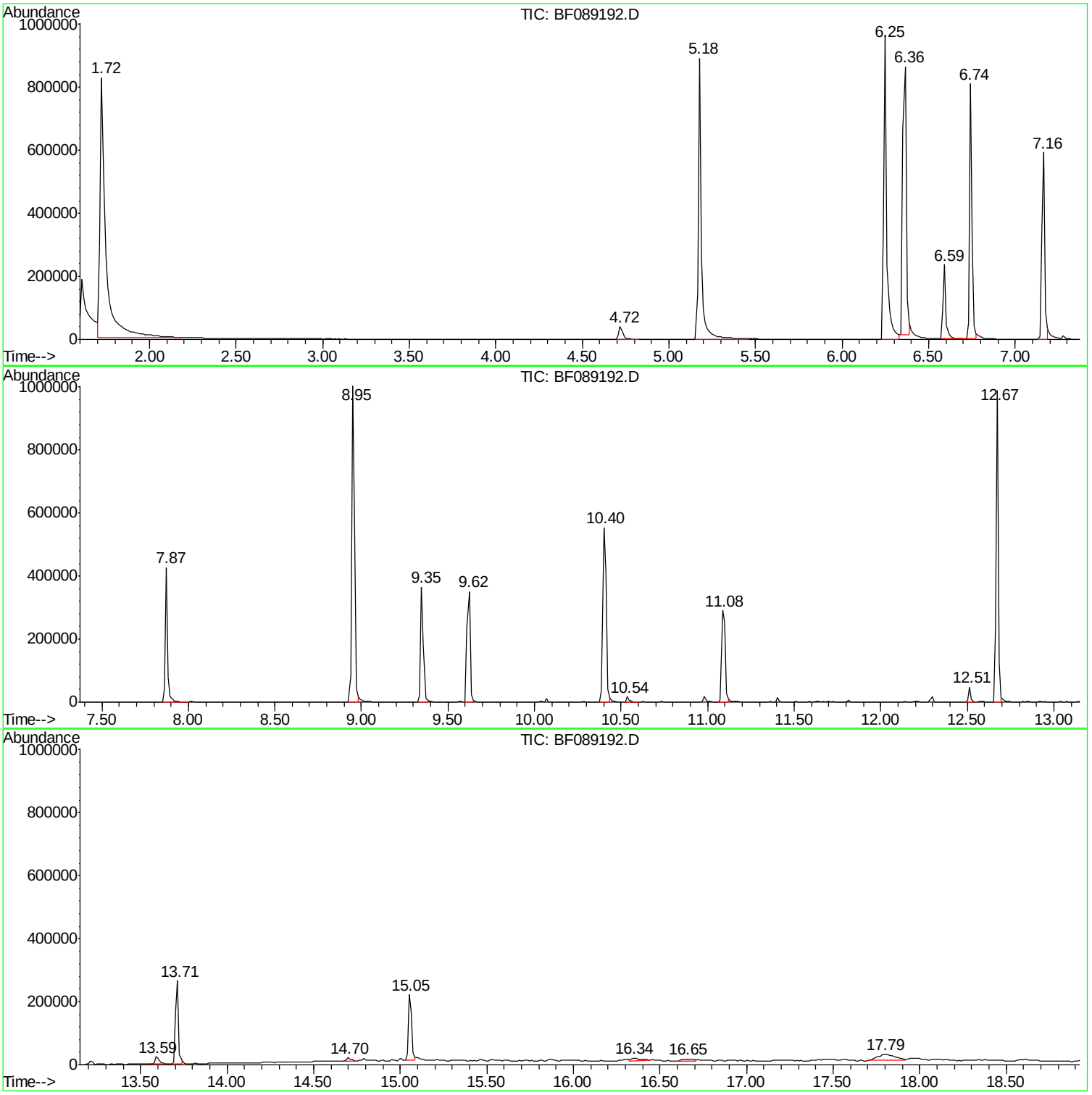
Instrument :
BNA_F
ClientSampleId :
SB-03-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072016.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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TIC Library : C:\Database\NIST11.L
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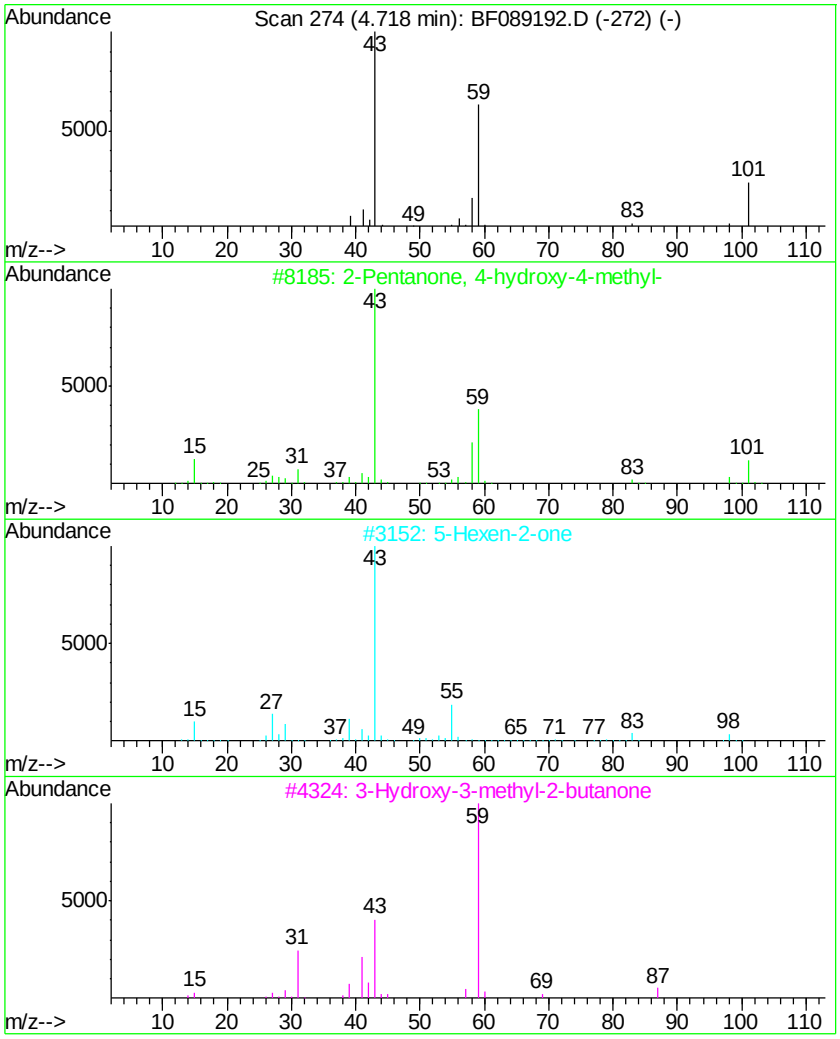
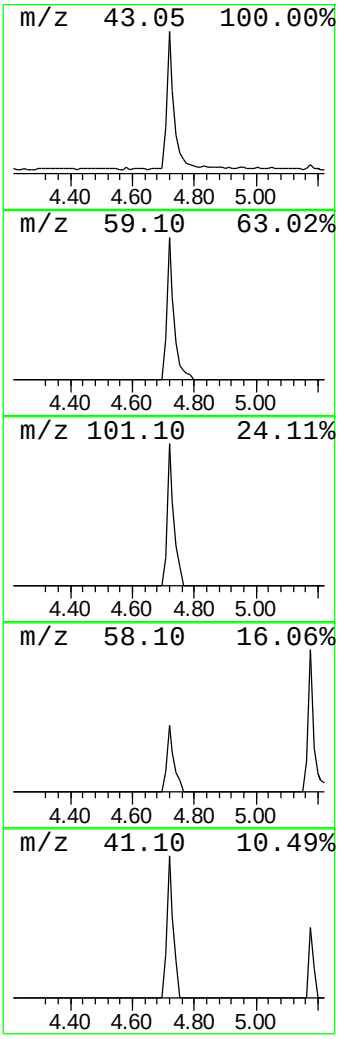
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.72	4.48 ng	61462	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	56
2	5-Hexen-2-one	98	C6H10O	000109-49-9	9
3	3-Hydroxy-3-methyl-2-butanone	102	C5H10O2	000115-22-0	9
4	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	9
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072216\
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Misc :
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Instrument : BNA_F
ClientSampleId : SB-03-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072016.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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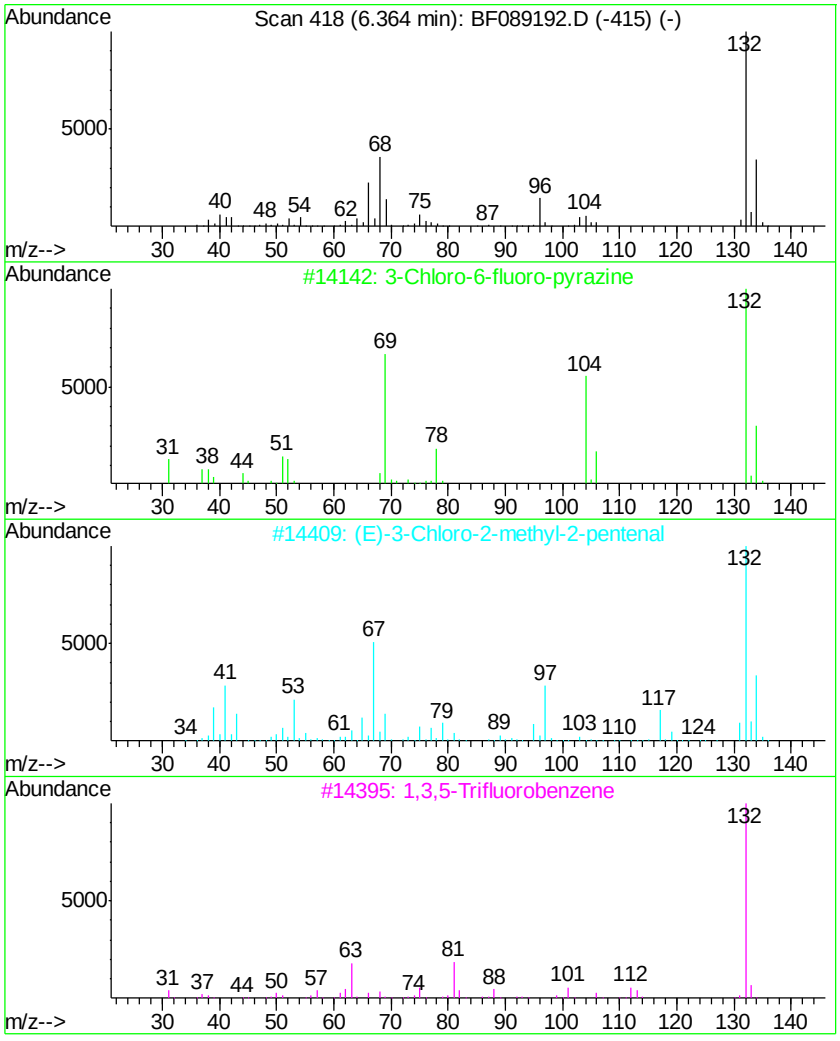
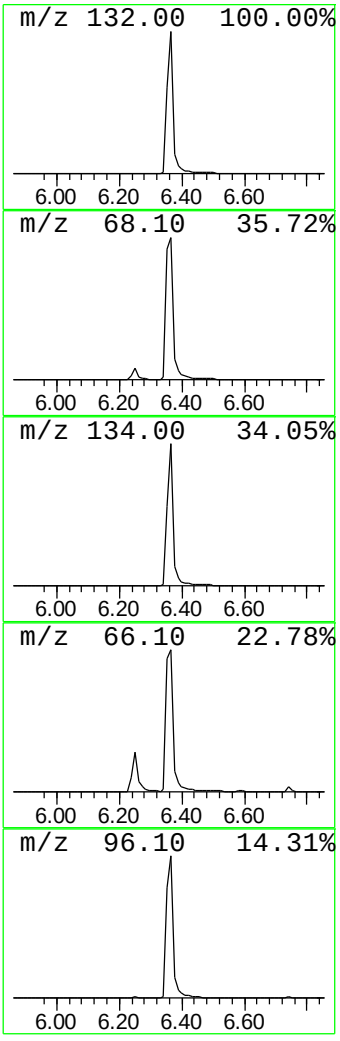
Peak Number 3 unknown6.36 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.36	83.04 ng	1139720	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	38
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3	1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9
4	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9
5	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	9





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Instrument : BNA_F
ClientSampleId : SB-03-COMP

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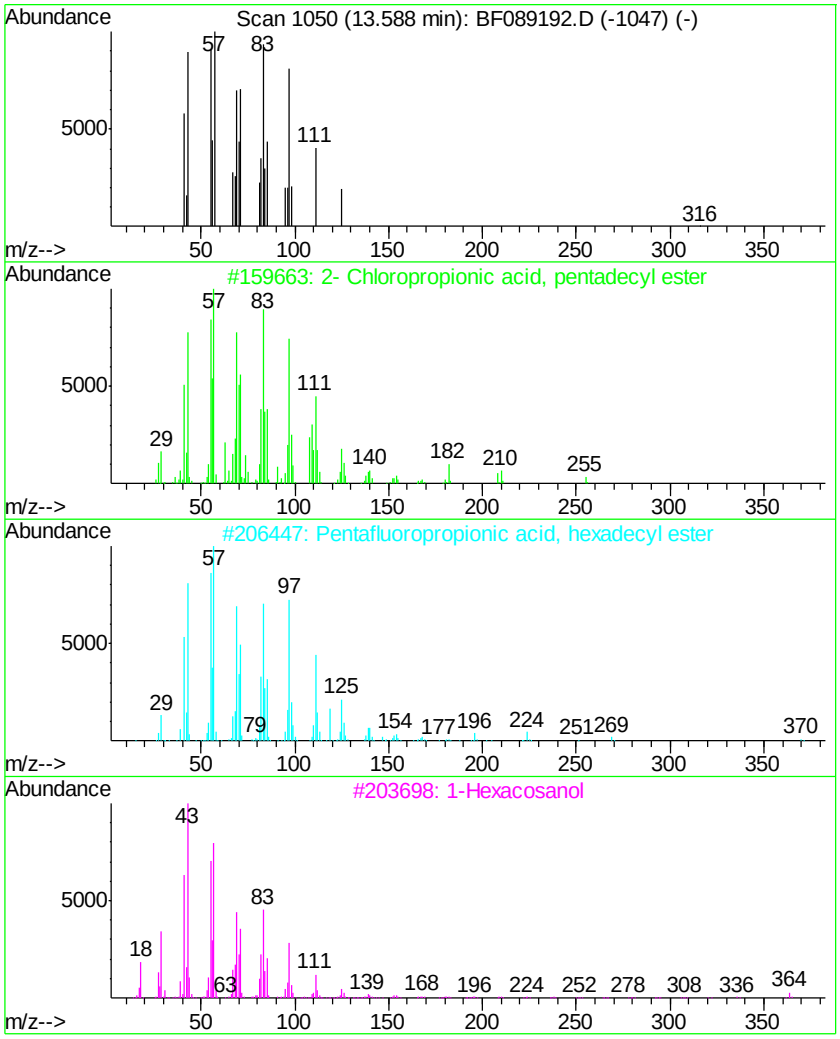
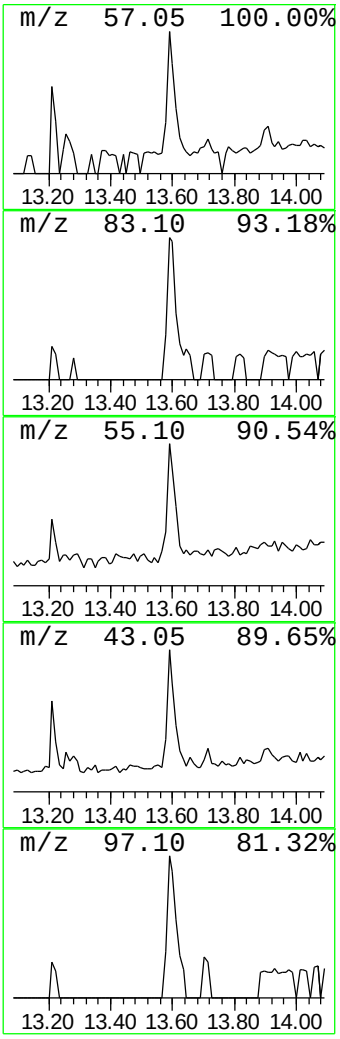
Peak Number 6 2- Chloropropionic acid, pe... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.59	2.49 ng	40441	Chrysene-d12	13.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2- Chloropropionic acid, pentade...	318	C18H35ClO2	1000292-44-1	91
2	Pentafluoropropionic acid, hexad...	388	C19H33F5O2	006222-07-7	91
3	1-Hexacosanol	382	C26H54O	000506-52-5	91
4	2- Chloropropionic acid, hexadec...	332	C19H37ClO2	086711-81-1	91
5	Pentafluoropropionic acid, octad...	416	C21H37F5O2	959261-25-7	91





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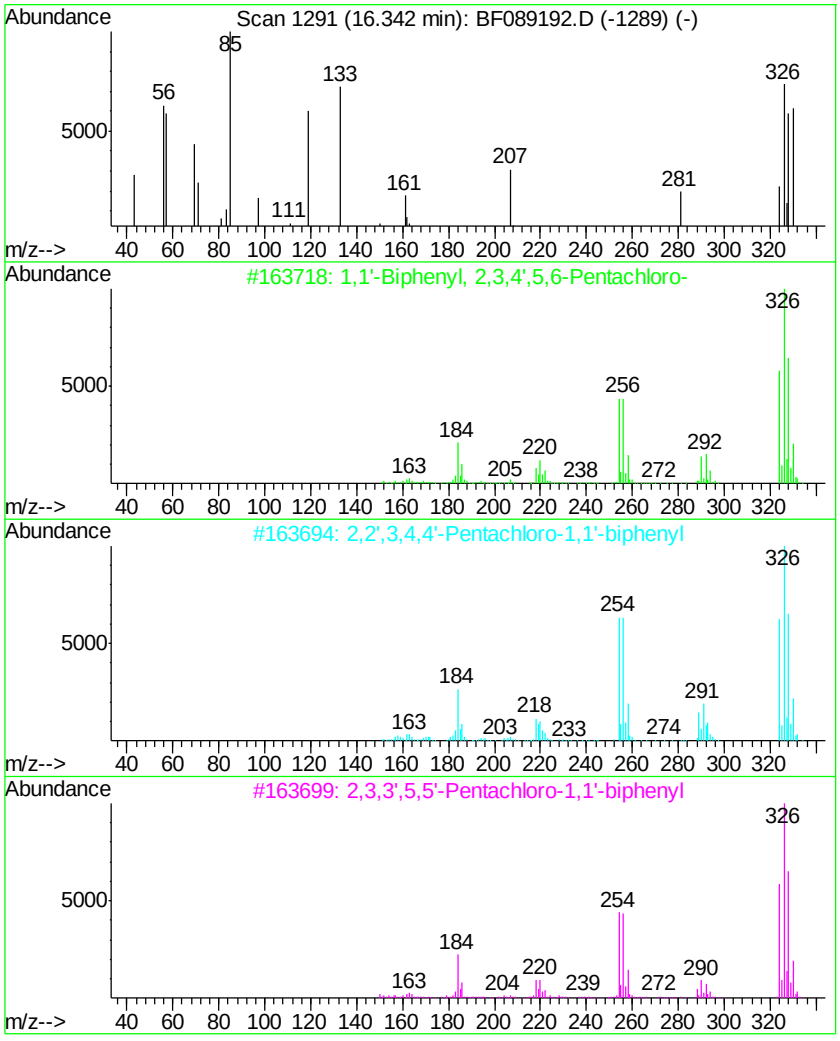
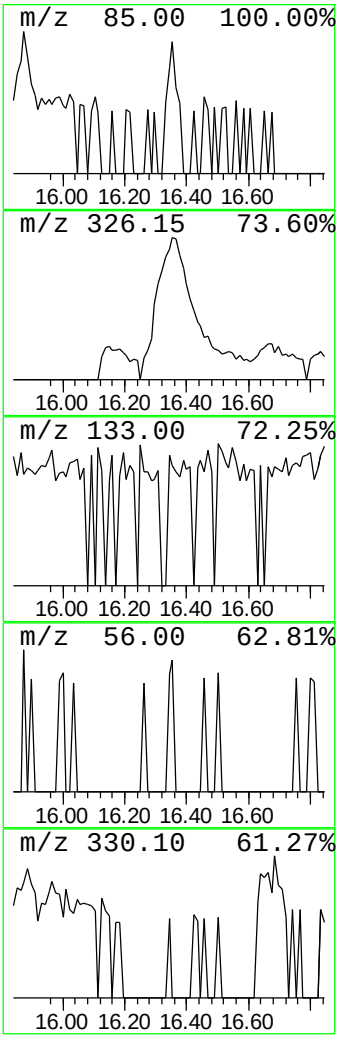
Peak Number 7 unknown16.34 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.34	2.21 ng	31200	Perylene-d12	15.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3,4',5,6-Pentac...	324	C12H5Cl5	068194-11-6	28
2	2,2',3,4,4'-Pentachloro-1,1'-bip...	324	C12H5Cl5	065510-45-4	28
3	2,3,3',5,5'-Pentachloro-1,1'-bip...	324	C12H5Cl5	039635-32-0	28
4	2,2',3,4',6-Pentachloro-1,1'-bip...	324	C12H5Cl5	068194-05-8	28
5	1,1'-Biphenyl, 2,3',4,4',5-penta...	324	C12H5Cl5	031508-00-6	10





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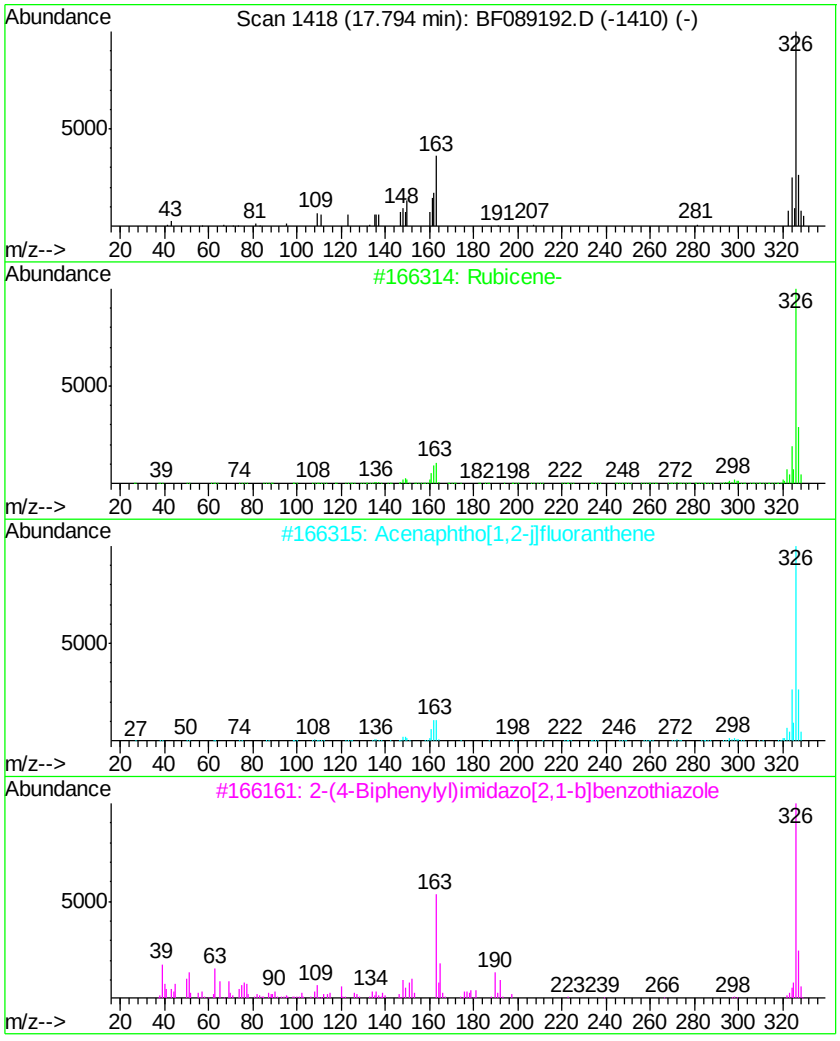
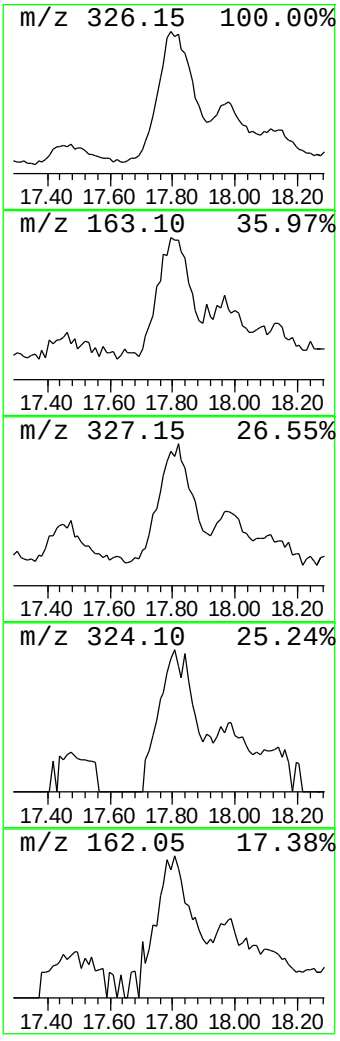
Peak Number 8 Rubicene- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.79	9.33 ng	131859	Perylene-d12	15.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Rubicene-	326	C26H14	000197-61-5	68
2	Acenaphtho[1,2-j]fluoranthene	326	C26H14	000193-21-5	59
3	2-(4-Biphenylyl)imidazo[2,1-b]be...	326	C21H14N2S	038956-29-5	59
4	Silane, (estra-1,3,5(10),16-tetr...	326	C21H30OSi	069688-27-3	50
5	Benzothiophene-3-carbonitrile, 4...	326	C18H18N2O2S	329722-10-3	47





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	4.5	ng	61462	1	6.59	274492	20.0
unknown6.36	6.36	83.0	ng	1139720	1	6.59	274492	20.0
2- Chloropropioni...	13.59	2.5	ng	40441	5	13.71	324231	20.0
unknown16.34	16.34	2.2	ng	31200	6	15.05	282583	20.0
Rubicene-	17.79	9.3	ng	131859	6	15.05	282583	20.0