LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030816\
Data File : BF085272.D
Acq On : 8 Mar 2016 23:03
Operator : UM/SJ
Sample : H1704-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LAR-9899-B

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-BF030316.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	5.167	249	252	261	rVB	850855	1438671	26.05%	3.291%
2	5.579	284	288	290	rBV	3206404	4305560	77.95%	9.849%
3	6.584	373	376	379	rVB	3268124	3417227	61.86%	7.817%
4	6.733	386	389	391	rBV	4142606	4713043	85.32%	10.781%
5	6.962	407	409	411	rBV	1108674	952706	17.25%	2.179%
6	7.019	412	414	420	rBV	236802	219579	3.98%	0.502%
7	7.122	420	423	425	rBV	3610312	3776823	68.37%	8.640%
8	7.522	455	458	460	rBV	2736903	2771495	50.17%	6.340%
9	7.693	470	473	474	rBV3	229166	316344	5.73%	0.724%
10	7.967	491	497	499	rBV2	116389	191524	3.47%	0.438%
11	8.139	510	512	515	rBV	315748	383365	6.94%	0.877%
12	8.242	519	521	525	rVB	1432243	1374635	24.89%	3.145%
13	8.470	539	541	544	rBV	55365	65225	1.18%	0.149%
14	9.259	609	610	612	rBV	280974	320786	5.81%	0.734%
15	9.328	612	616	618	rBV	4040346	5523751	100.00%	12.636%
16	9.968	669	672	673	rBV	82642	76457	1.38%	0.175%
17	10.002	673	675	677	rBV	1468591	1336554	24.20%	3.057%
18	10.791	741	744	746	rBV	3212761	3220083	58.30%	7.366%
19	11.488	802	805	807	rBV	1261832	1395247	25.26%	3.192%
20	13.077	941	944	946	rBV	4404173	5443566	98.55%	12.452%
21	14.117	1033	1035	1038	rBV	1218537	1059731	19.18%	2.424%
22	14.368	1054	1057	1059	rBV3	289739	269075	4.87%	0.616%
23	14.471	1064	1066	1069	rVB2	264316	372517	6.74%	0.852%
24	15.580	1160	1163	1166	rBV	562776	770691	13.95%	1.763%

Sum of corrected areas: 43714655

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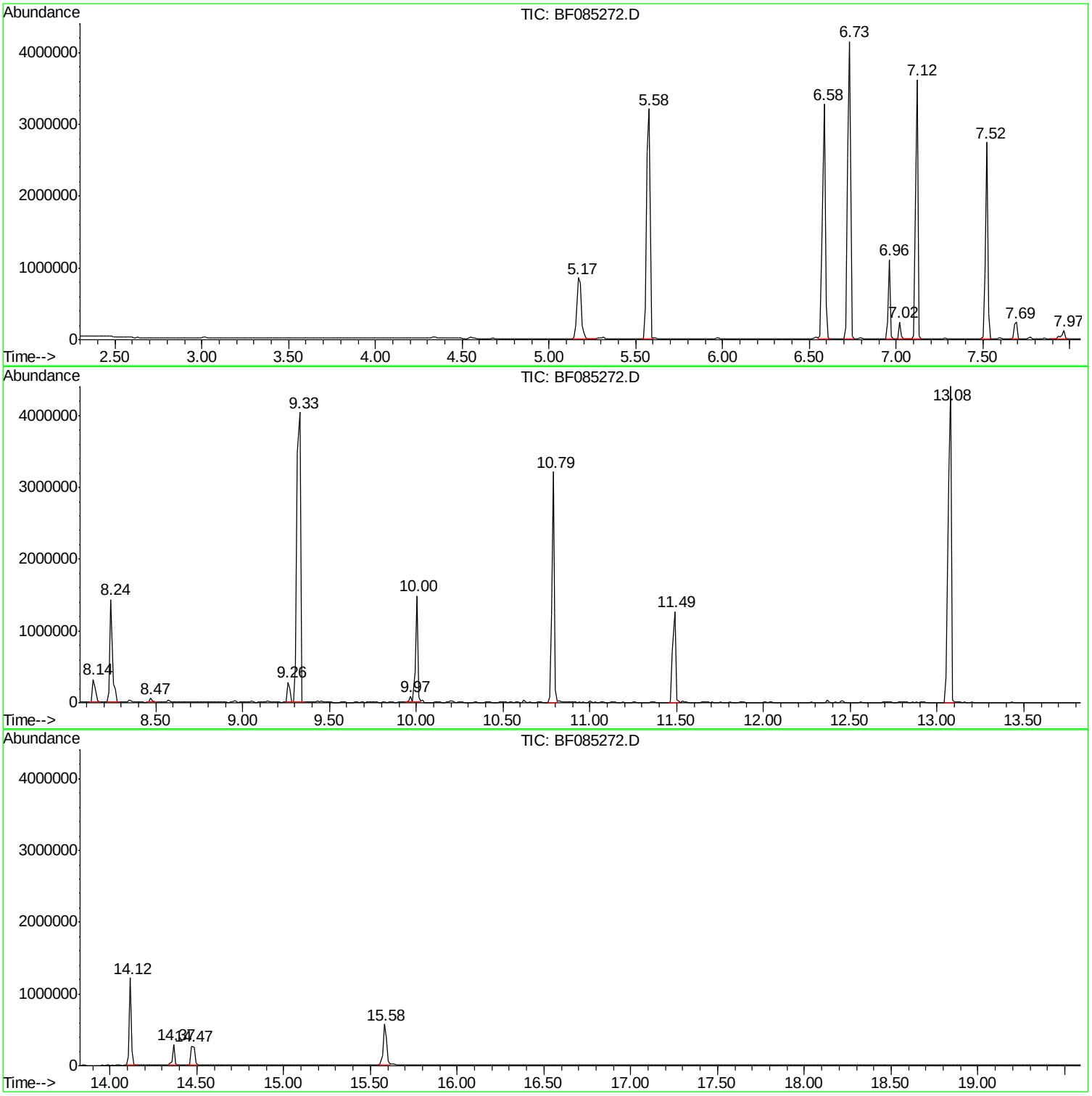
Instrument :
BNA_F
ClientSampleId :
LAR-9899-B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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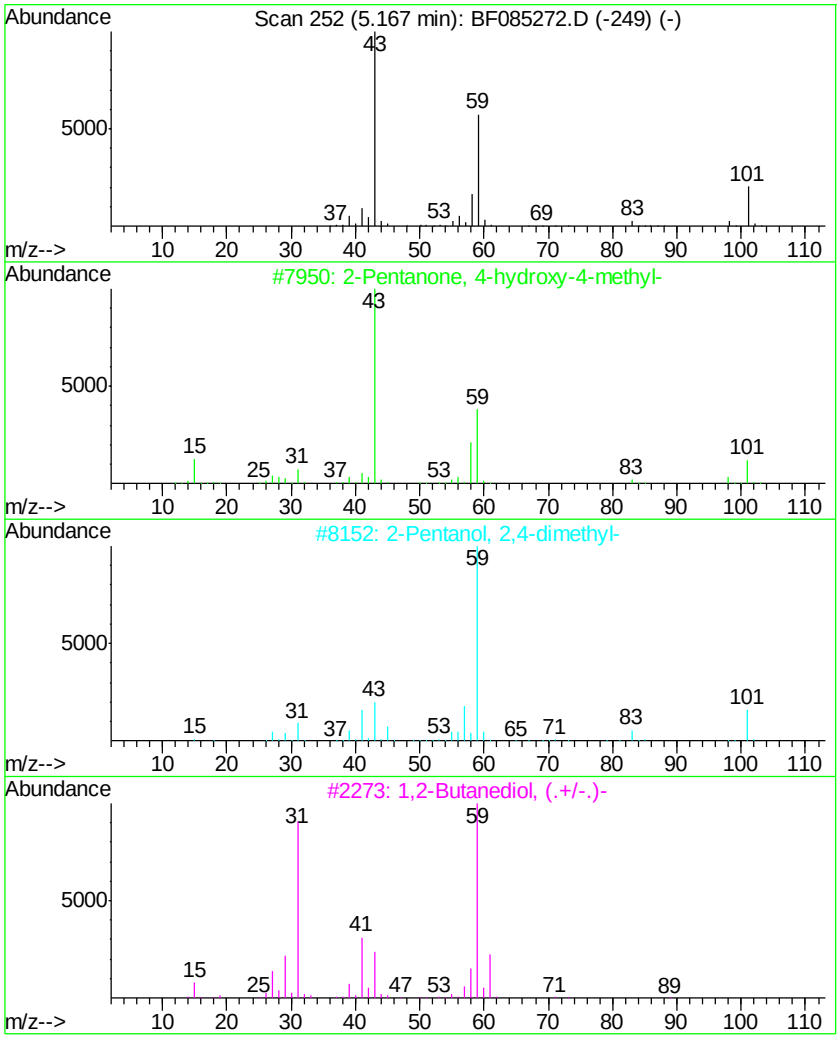
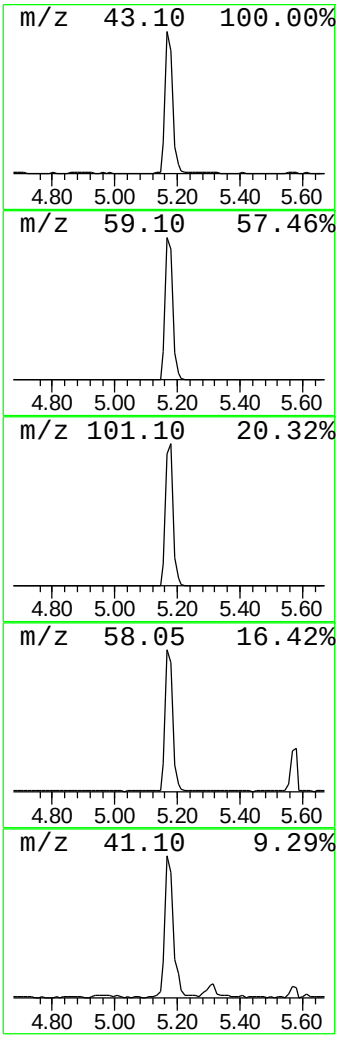
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.17	30.20 ng	1438670	1,4-Dichlorobenzene-d4	6.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	2-Pentanol, 2,4-dimethyl-	116	C7H16O	000625-06-9	42
3	1,2-Butanediol, (.+/-.)-	90	C4H10O2	026171-83-5	25
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
5	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	23





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Instrument : BNA_F
ClientSampleId : LAR-9899-B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.M
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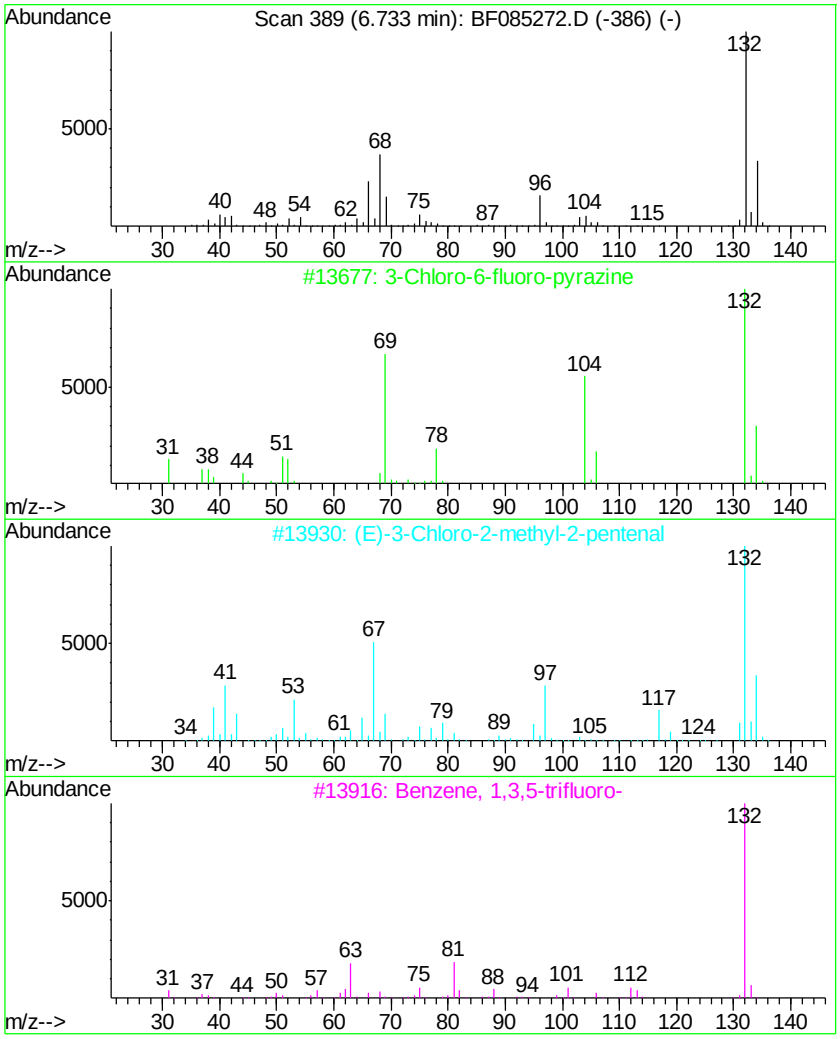
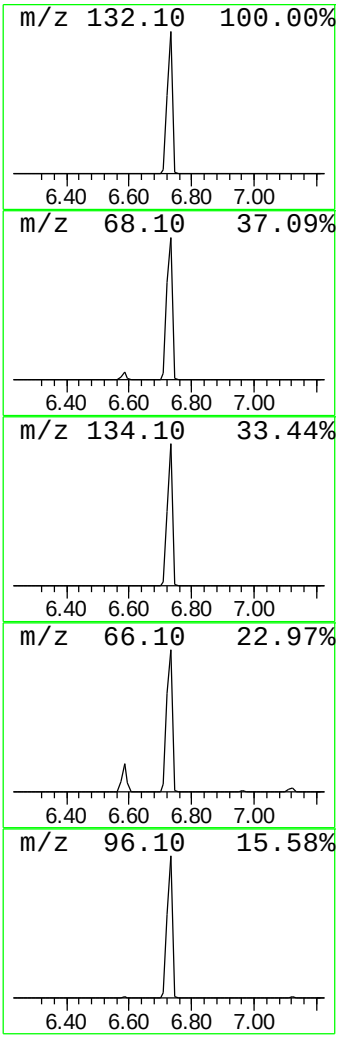
Peak Number 2 unknown6.73 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.73	98.94 ng	4713040	1,4-Dichlorobenzene-d4	6.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	25
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3	Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9
4	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9
5	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9





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Sample : H1704-02
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Instrument : BNA_F
ClientSampleId : LAR-9899-B

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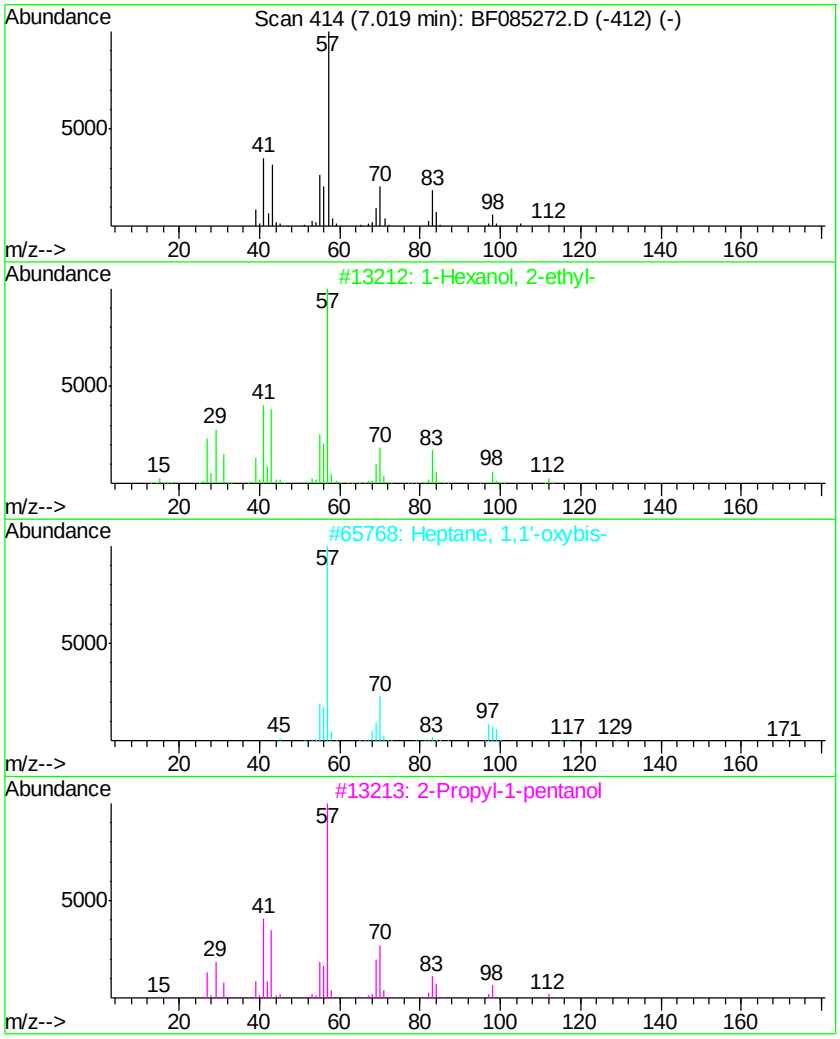
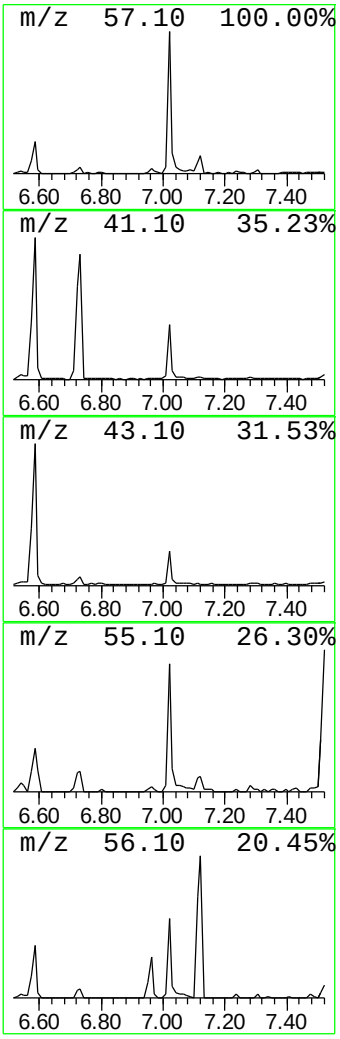
Peak Number 3 1-Hexanol, 2-ethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.02	4.61 ng	219579	1,4-Dichlorobenzene-d4	6.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	83
2	Heptane, 1,1'-oxybis-	214	C14H30O	000629-64-1	64
3	2-Propyl-1-pentanol	130	C8H18O	058175-57-8	53
4	dl-2-Ethylhexyl chloroformate	192	C9H17ClO2	024468-13-1	40
5	1-Pentene, 2,4,4-trimethyl-	112	C8H16	000107-39-1	38





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Operator : UM/SJ
Sample : H1704-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LAR-9899-B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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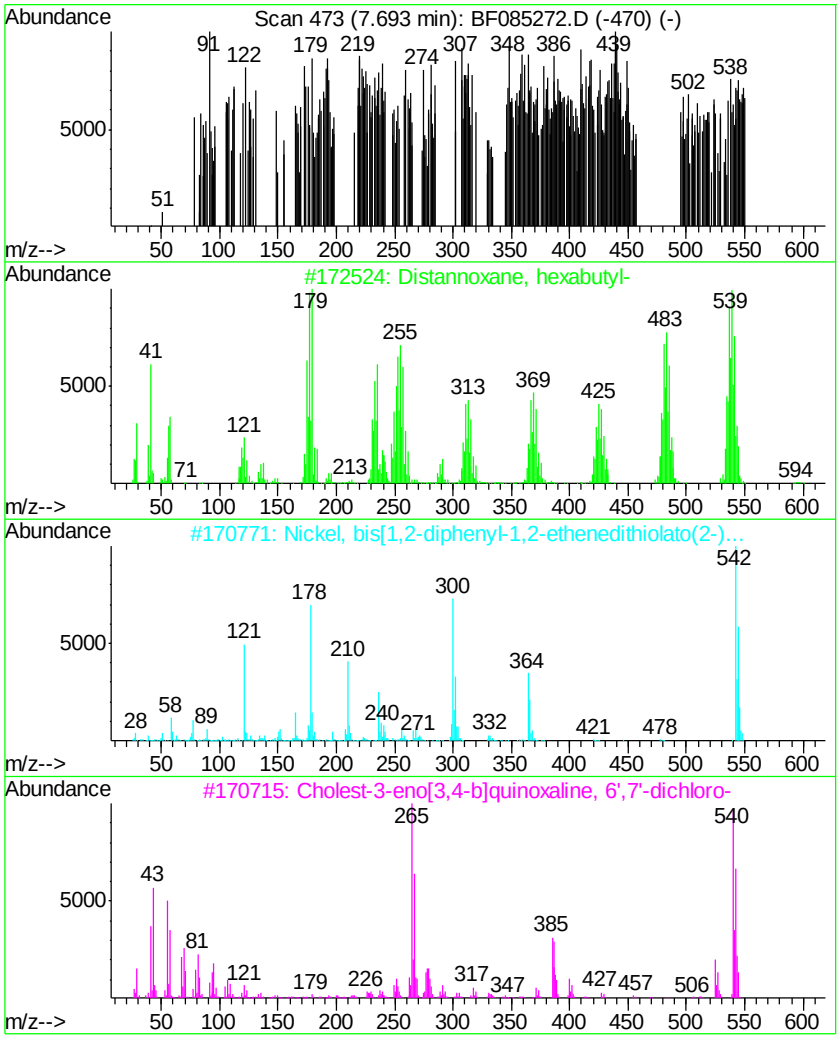
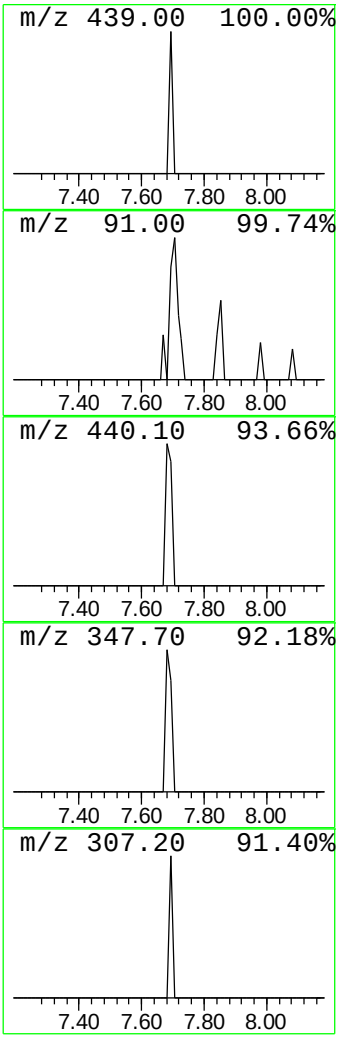
Peak Number 5 Distannoxane, hexabutyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.69	4.60 ng	316344	Naphthalene-d8	8.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Distannoxane, hexabutyl-	598	C24H54OSn2	000056-35-9	91
2	Nickel, bis[1,2-diphenyl-1,2-eth...	542	C28H20NiS4	028984-20-5	9
3	Cholest-3-eno[3,4-b]quinoxaline,...	540	C33H46Cl2N2	1000210-84-3	9
4	21H,23H-Porphine, 2,3,7,8,12,13,...	536	C36H48N4	000991-74-2	9
5	2-(4-Bromobenzoyl)-3-benzyl-4-ph...	517	C28H24BrNO2S	1000286-90-3	9





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Operator : UM/SJ
Sample : H1704-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LAR-9899-B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.M
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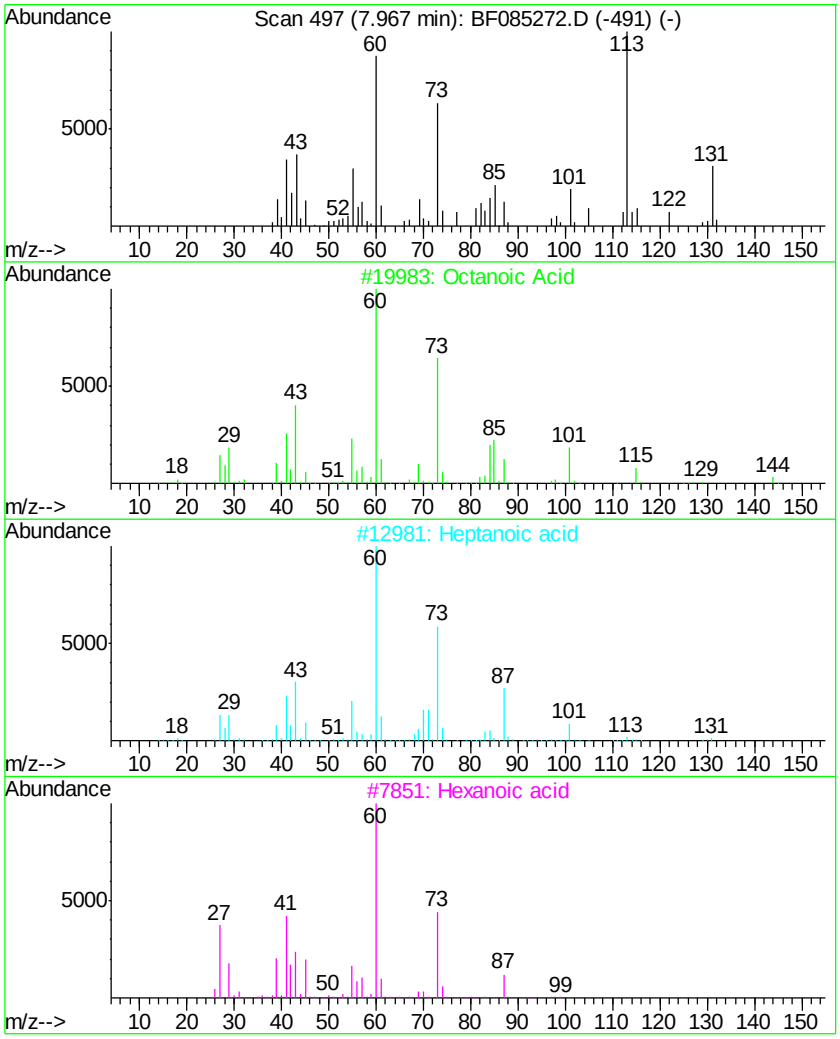
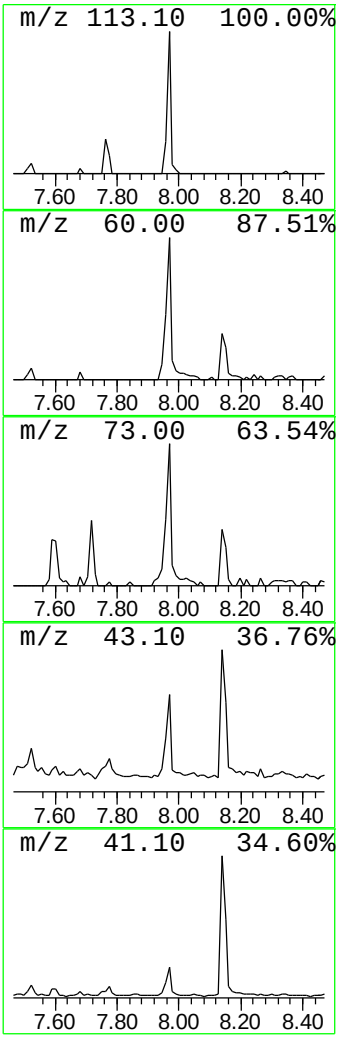
Peak Number 6 unknown7.97 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.97	2.79 ng	191524	Naphthalene-d8	8.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octanoic Acid	144	C8H16O2	000124-07-2	49
2	Heptanoic acid	130	C7H14O2	000111-14-8	38
3	Hexanoic acid	116	C6H12O2	000142-62-1	35
4	Heptanoic acid, anhydride	242	C14H26O3	000626-27-7	32
5	Butanoic acid	88	C4H8O2	000107-92-6	27





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Sample : H1704-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LAR-9899-B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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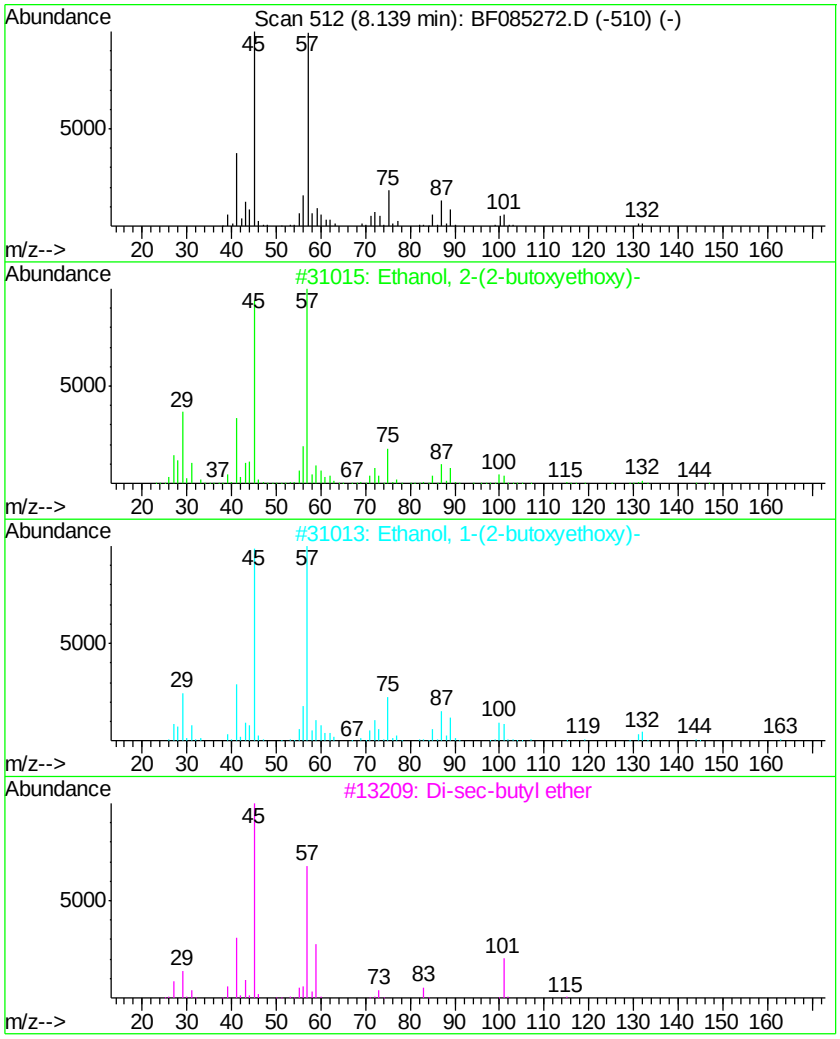
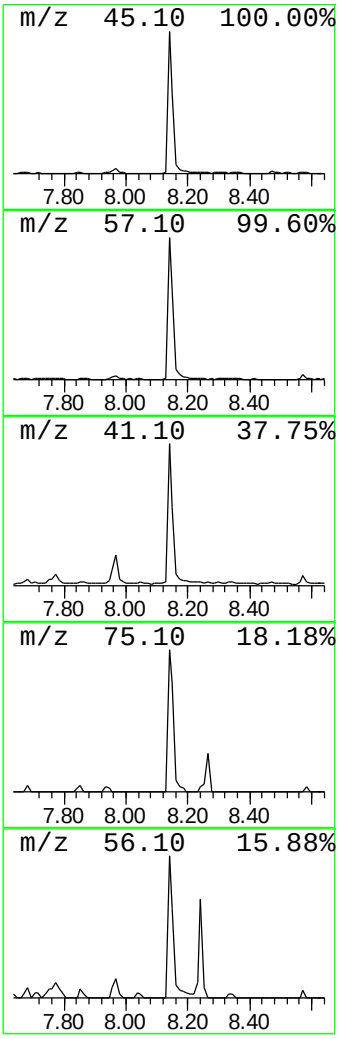
Peak Number 7 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.14	5.58 ng	383365	Naphthalene-d8	8.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	90
2	Ethanol, 1-(2-butoxyethoxy)-	162	C8H18O3	054446-78-5	90
3	Di-sec-butyl ether	130	C8H18O	006863-58-7	53
4	Propanoic acid, 2-(methoxymethoxy)-	134	C5H10O4	081327-29-9	50
5	2-Heptanol, 3-methyl-	130	C8H18O	031367-46-1	50





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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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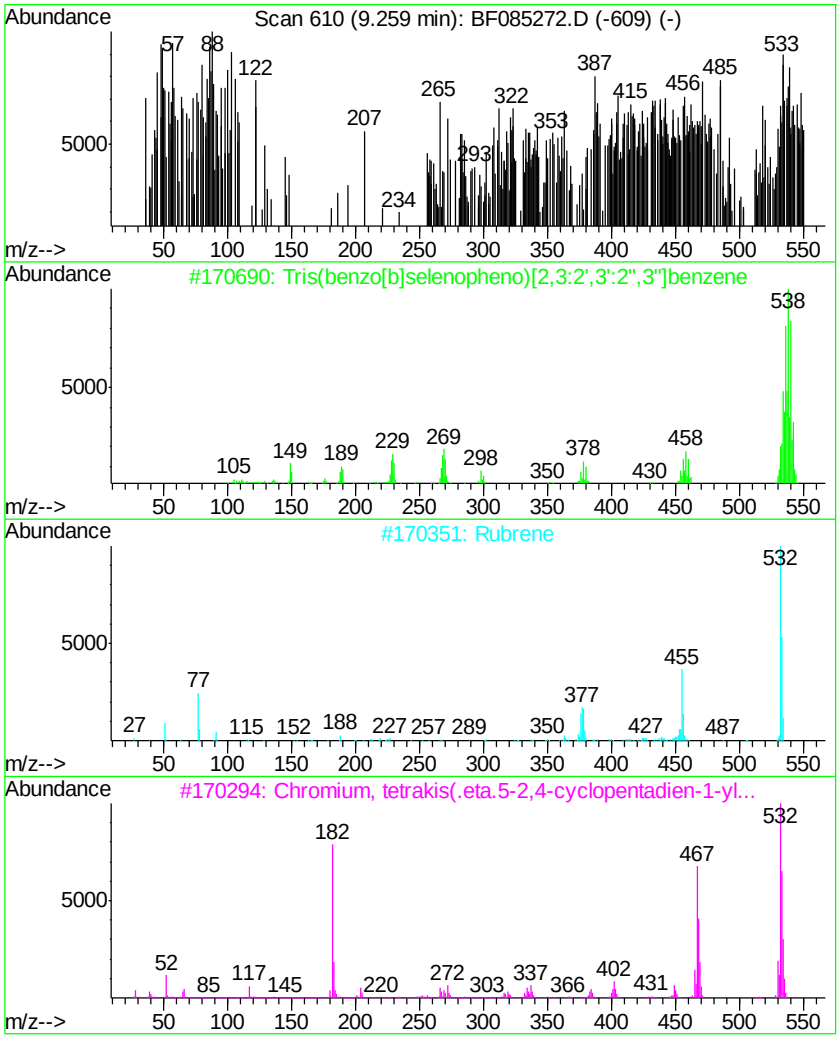
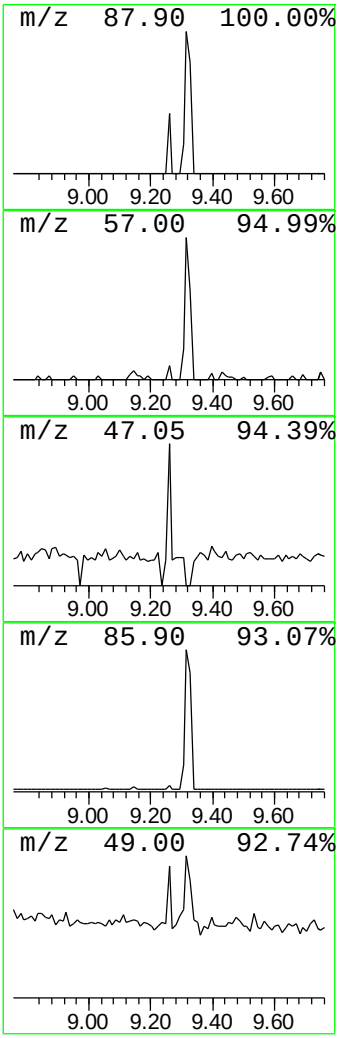
Peak Number 8 unknown9.26 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.26	4.80 ng	320786	Acenaphthene-d10	10.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tris(benzo[b]selenopheno)[2,3:2'...	540	C24H12Se3	107210-82-2	25
2	Rubrene	532	C42H28	000517-51-1	11
3	Chromium, tetrakis(.eta.5-2,4-cy...	532	C20H20Cr4O4	079417-63-3	11
4	5-Methyl-4-triphenylsilyl-2-(1-b...	531	C32H26BrNSi	037965-29-0	10
5	Thiophene, 5-hexadecyl-3-methyl-...	533	C36H68S	059782-75-1	10





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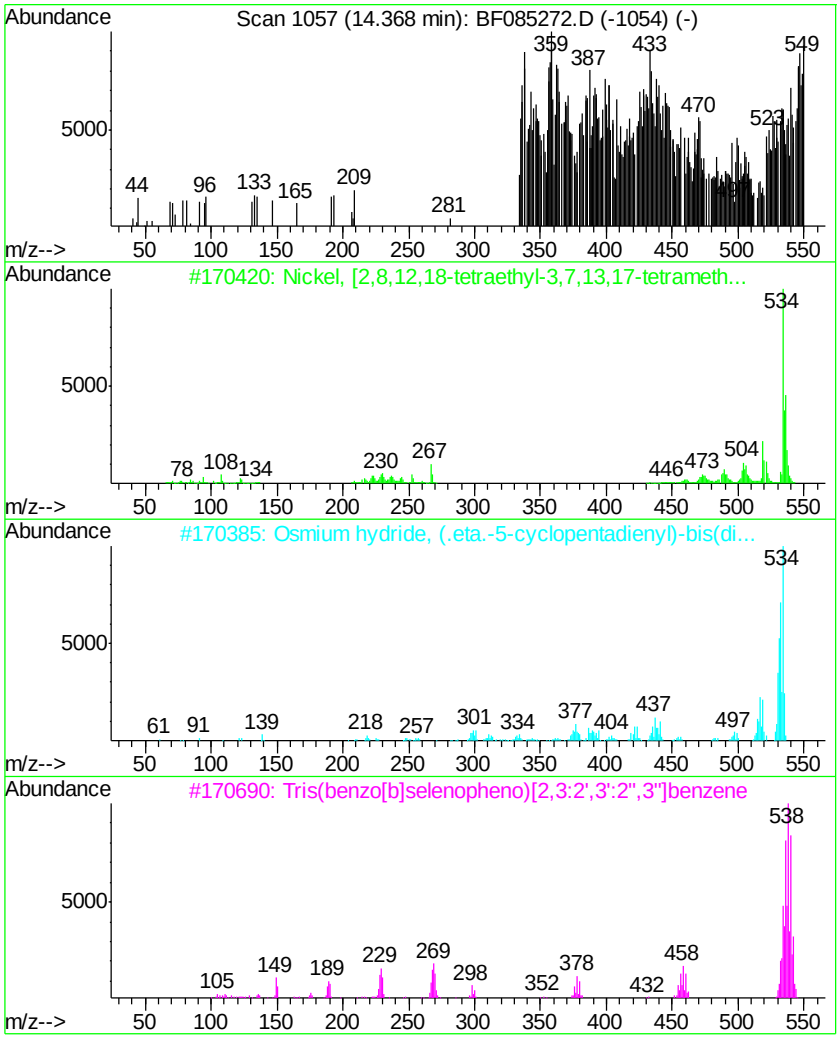
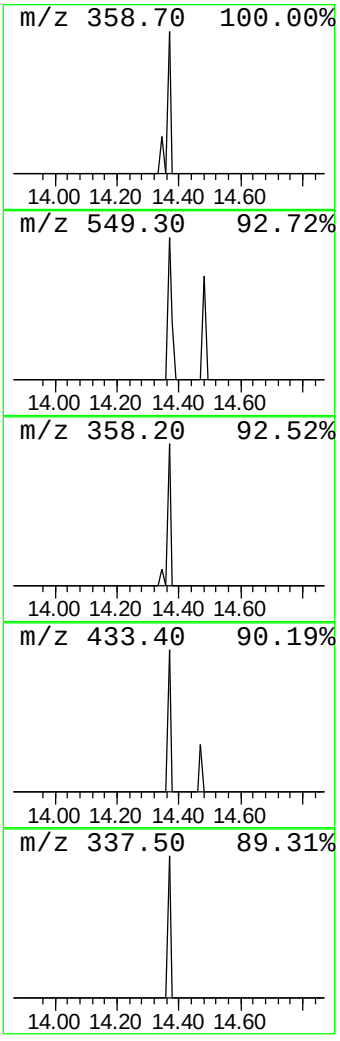
Peak Number 9 unknown14.37 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.37	5.08 ng	269075	Chrysene-d12	14.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nickel, [2,8,12,18-tetraethyl-3,...	534	C32H36N4Ni	022925-21-9	25
2	Osmium hydride, (.eta.-5-cyclope...	534	C21H28OsP2	1000158-66-2	11
3	Tris(benzo[b]selenopheno)[2,3:2'...	540	C24H12Se3	107210-82-2	10
4	3-(7,8,12,13,17,18-Hexaethyl-3-m...	545	C36H43N5	1000188-65-2	9
5	Benzenamine, 4-trifluoromethoxy-...	544	C23H15BrF6N2O2	284495-96-1	9





Tentatively Identified Compound (LSC) summary

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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	5.17	30.2	ng	1438670	1	6.96	952706	20.0
unknown6.73	6.73	98.9	ng	4713040	1	6.96	952706	20.0
1-Hexanol, 2-ethyl-	7.02	4.6	ng	219579	1	6.96	952706	20.0
Distannoxane, hex...	7.69	4.6	ng	316344	2	8.24	1374640	20.0
unknown7.97	7.97	2.8	ng	191524	2	8.24	1374640	20.0
Ethanol, 2-(2-but...	8.14	5.6	ng	383365	2	8.24	1374640	20.0
unknown9.26	9.26	4.8	ng	320786	3	10.00	1336550	20.0
unknown14.37	14.37	5.1	ng	269075	5	14.12	1059730	20.0