LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052022\
Data File : BF128389.D
Acq On : 21 May 2022 03:30
Operator : CG\JU
Sample : N2943-13
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-26

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:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052022.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF128389.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.205	150	156	161	rBV	37471	67055	1.89%	0.373%
2	5.099	474	478	483	rBV	28006	38723	1.09%	0.215%
3	5.487	540	544	554	rBV	1917548	1824562	51.32%	10.152%
4	6.493	711	715	728	rBV	1377228	1377051	38.73%	7.662%
5	6.857	773	777	784	rBV	679036	557934	15.69%	3.104%
6	7.428	869	874	877	rBV	2273809	2218246	62.40%	12.342%
7	7.710	916	922	929	rVB2	70876	83214	2.34%	0.463%
8	8.139	991	995	1003	rBV	822463	703810	19.80%	3.916%
9	9.216	1173	1178	1181	rBV	3668079	3555092	100.00%	19.781%
10	9.610	1242	1245	1249	rBV	234308	172723	4.86%	0.961%
11	9.804	1275	1278	1286	rBV	44304	50690	1.43%	0.282%
12	9.898	1290	1294	1297	rVB	880447	740659	20.83%	4.121%
13	10.692	1425	1429	1433	rBV	2126773	1973900	55.52%	10.983%
14	11.392	1544	1548	1551	rBV	706498	650423	18.30%	3.619%
15	12.980	1813	1818	1821	rBV	2943586	2708351	76.18%	15.069%
16	13.886	1969	1972	1979	rVB2	34432	53486	1.50%	0.298%
17	14.039	1994	1998	2002	rBV	576183	497440	13.99%	2.768%
18	14.139	2011	2015	2019	rVB	60238	61662	1.73%	0.343%
19	15.527	2245	2251	2263	rVB	444254	594893	16.73%	3.310%
20	15.957	2320	2324	2331	rVB	27299	42549	1.20%	0.237%

Sum of corrected areas: 17972463

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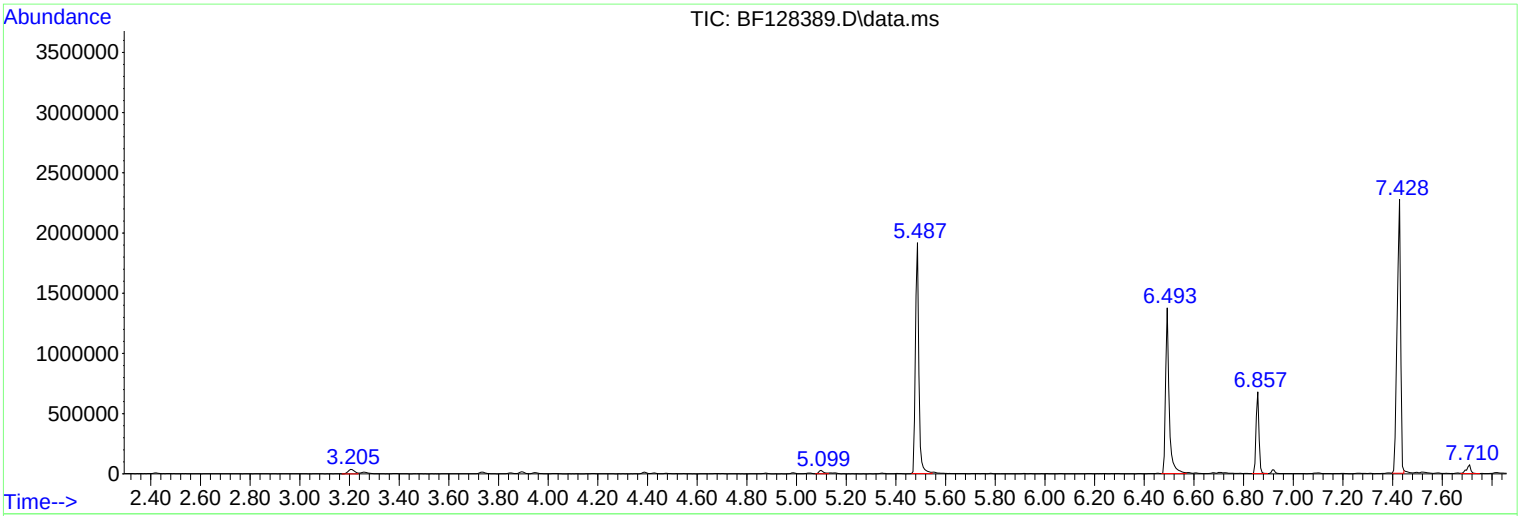
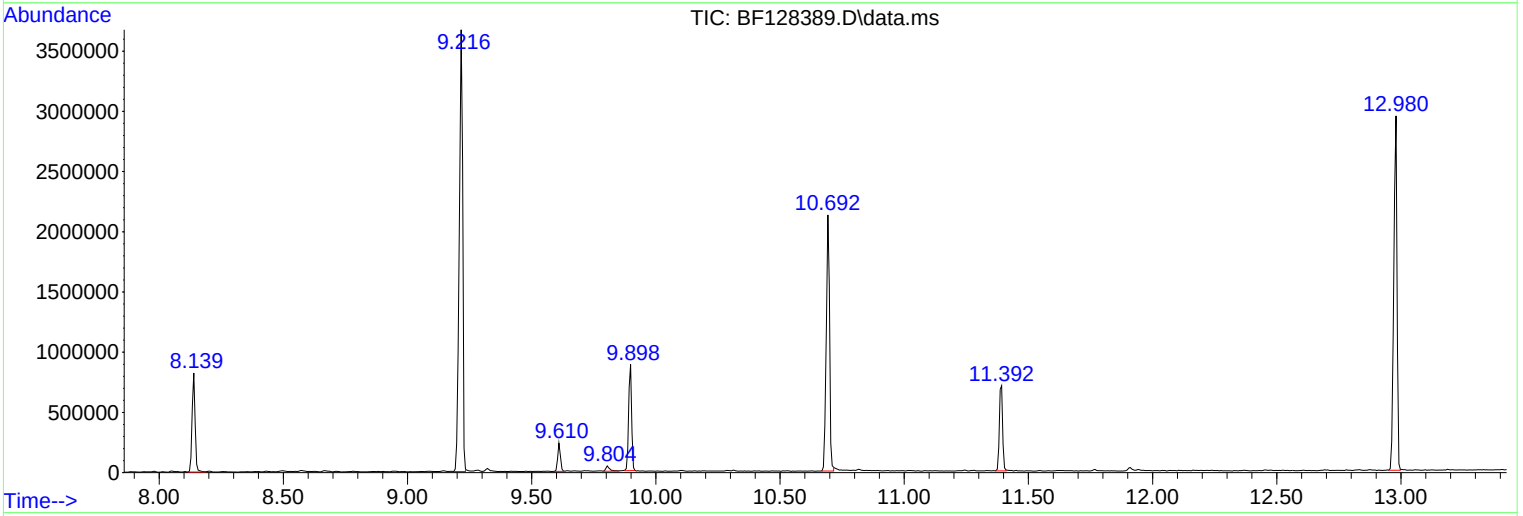
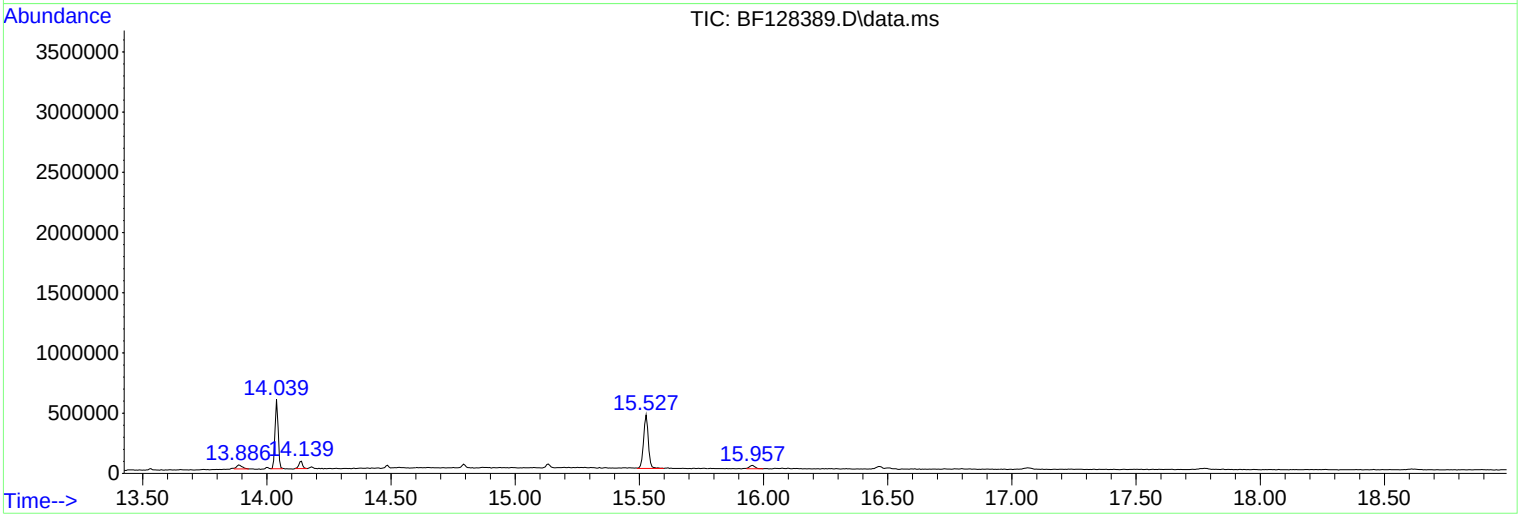
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052022.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P







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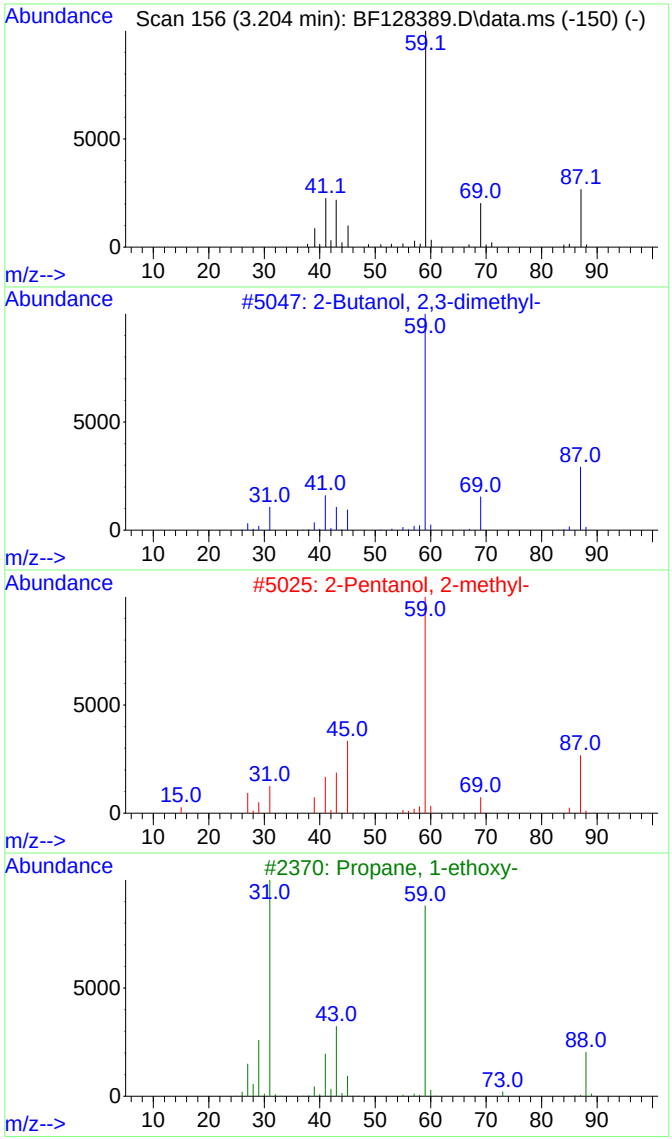
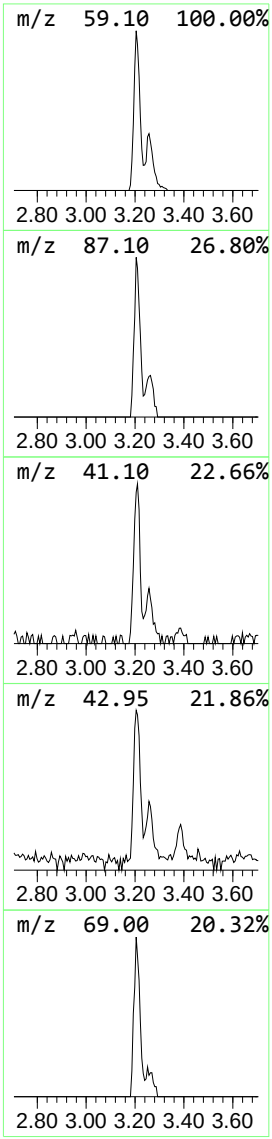
Peak Number 1 2-Butanol, 2,3-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.204	2.40 ng	67055	1,4-Dichlorobenzene-d4	6.857

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Butanol, 2,3-dimethyl-	102	C6H14O	000594-60-5	83
2	2-Pentanol, 2-methyl-	102	C6H14O	000590-36-3	56
3	Propane, 1-ethoxy-	88	C5H12O	000628-32-0	53
4	3-Heptanol	116	C7H16O	000589-82-2	40
5	3-Pentanol, 2,2-dimethyl-	116	C7H16O	003970-62-5	40





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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TIC Integration Parameters: LSCINT.P

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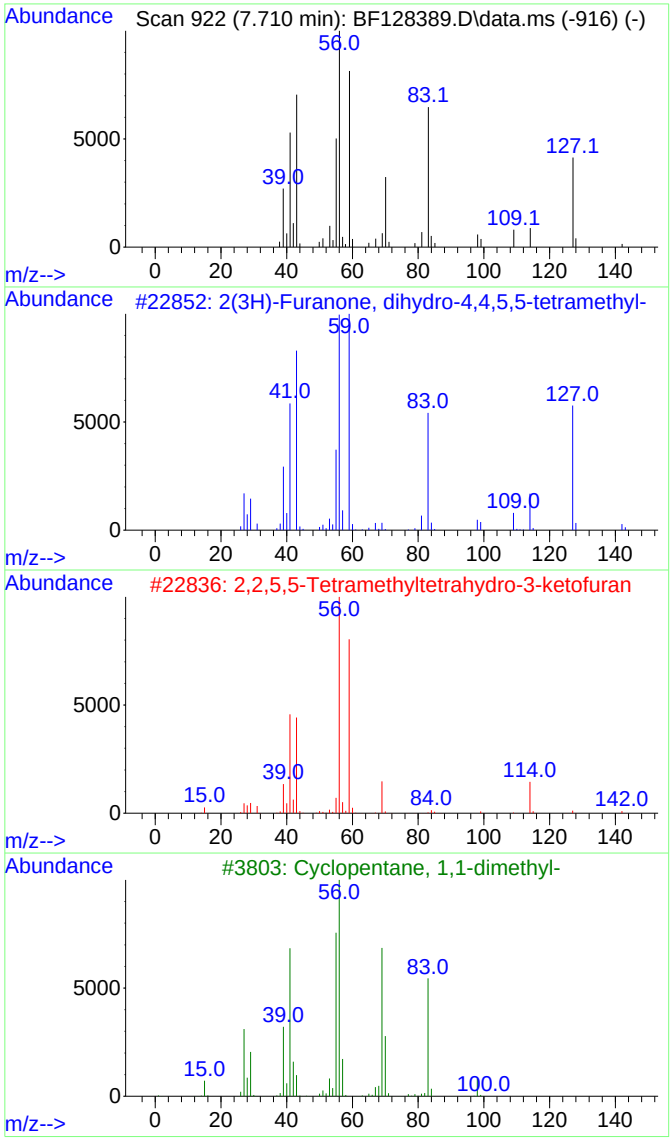
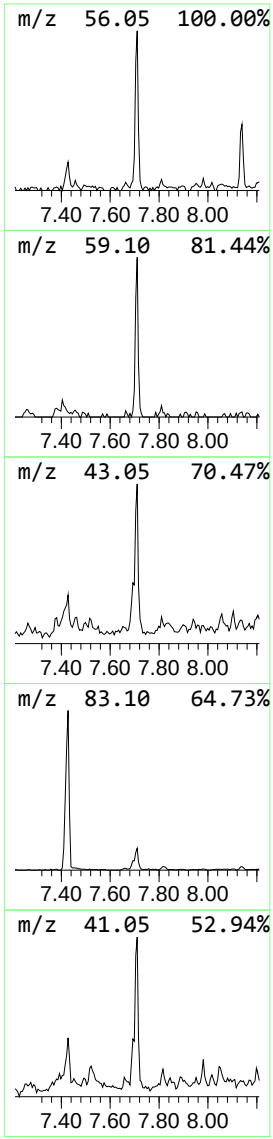
Peak Number 2 2(3H)-Furanone, dihydro-4,4... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.710	2.36 ng	83214	Naphthalene-d8	8.139

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2(3H)-Furanone, dihydro-4,4,5,5-...	142	C8H14O2	016466-24-3	90
2	2,2,5,5-Tetramethyltetrahydro-3-...	142	C8H14O2	005455-94-7	43
3	Cyclopentane, 1,1-dimethyl-	98	C7H14	001638-26-2	38
4	1-Hexene, 5-methyl-	98	C7H14	003524-73-0	30
5	4-Methylpiperidine-2,6-dione	127	C6H9NO2	025077-26-3	25





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Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-26

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052022.M
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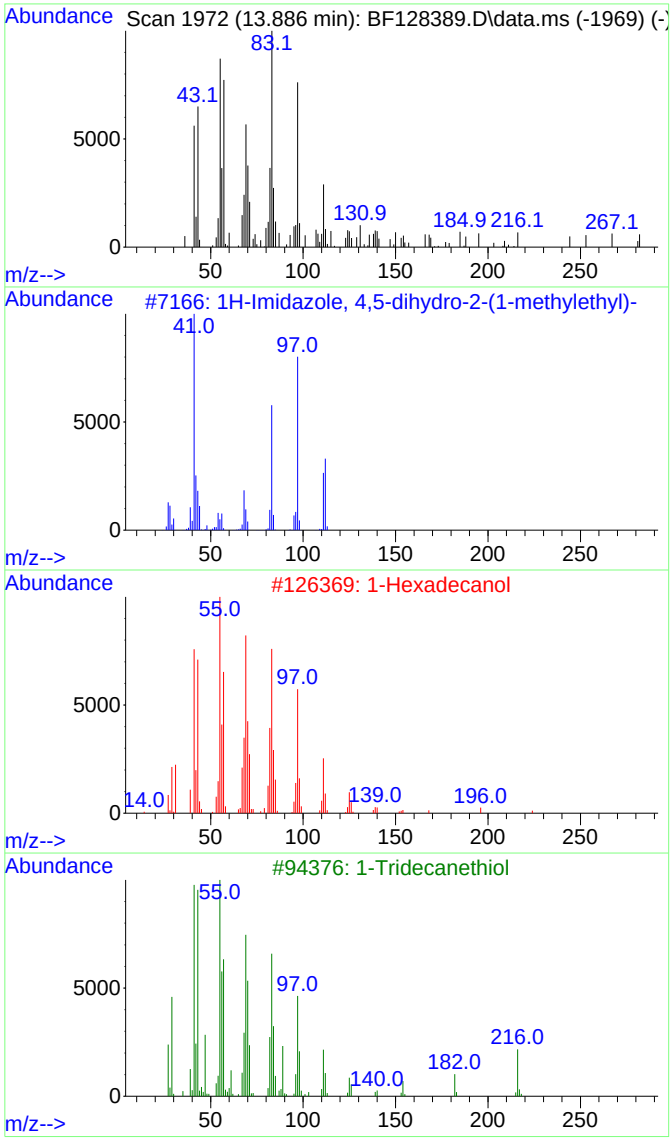
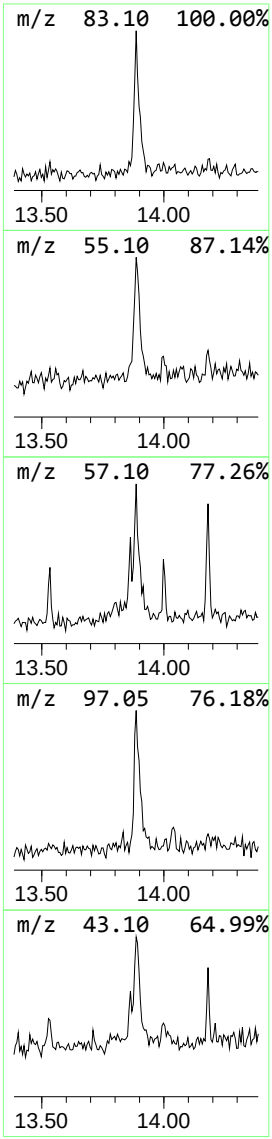
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 1H-Imidazole, 4,5-dihydro-2... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.886	2.15 ng	53486	Chrysene-d12	14.039

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Imidazole, 4,5-dihydro-2-(1-m...	112	C6H12N2	040029-86-5	62
2	1-Hexadecanol	242	C16H34O	036653-82-4	50
3	1-Tridecanethiol	216	C13H28S	019484-26-5	45
4	Bromoacetic acid, tetradecyl ester	334	C16H31BrO2	018992-01-3	42
5	2-Aziridinone, 1-tert-butyl-3-(1...	209	C13H23NO	024161-49-7	42





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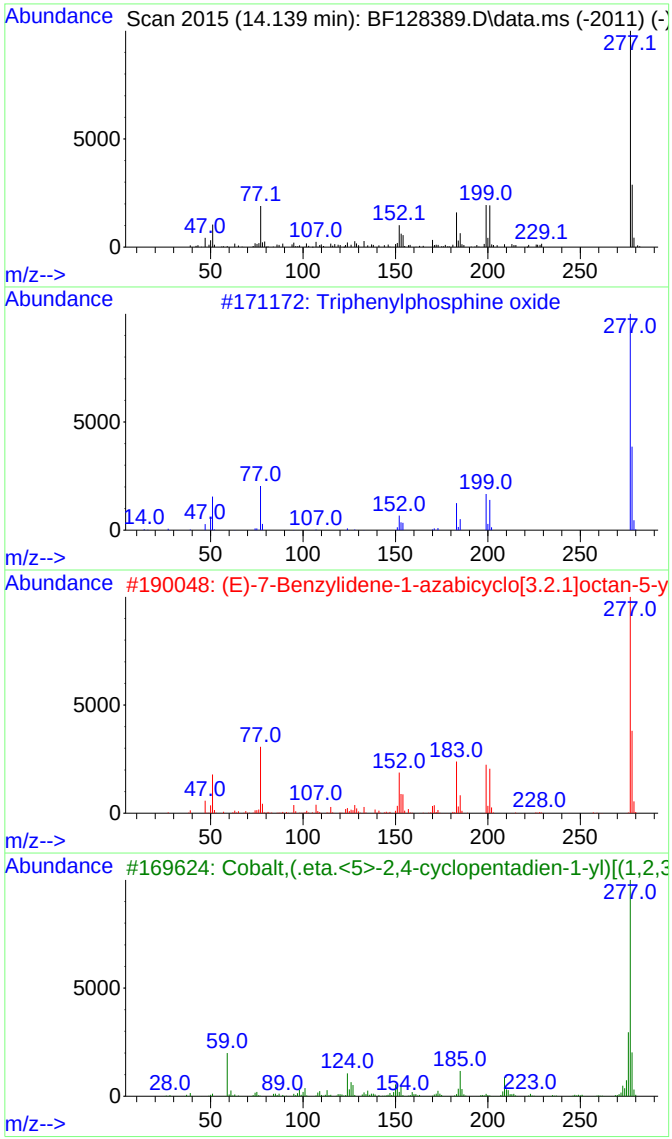
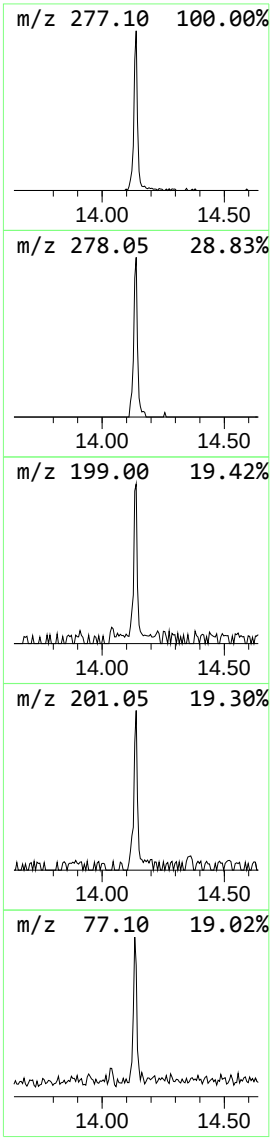
Peak Number 4 Triphenylphosphine oxide Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.139	2.48 ng	61662	Chrysene-d12	14.039

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triphenylphosphine oxide	278	C18H15OP	000791-28-6	97
2	(E)-7-Benzylidene-1-azabicyclo[3...	293	C15H19NO3S	1000483-83-4	53
3	Cobalt,(.eta.<5>-2,4-cyclopentad...	277	C16H15BCo	036682-12-9	47
4	2-Phenyl-6-(trifluoromethyl)-1H-...	277	C15H10F3NO	1000387-59-3	47
5	Vanadium, cycloheptatrienyl-(pen...	277	C17H22V	1000155-20-5	37





Tentatively Identified Compound (LSC) summary

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					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Butanol, 2,3-...	3.204	2.4	ng	67055	1	6.857	557934	20.0
2(3H)-Furanone,...	7.710	2.4	ng	83214	2	8.139	703810	20.0
1H-Imidazole, 4...	13.886	2.1	ng	53486	5	14.039	497440	20.0
Triphenylphosph...	14.139	2.5	ng	61662	5	14.039	497440	20.0