LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100424\
Data File : BF139673.D
Acq On : 04 Oct 2024 22:38
Operator : RC/JU
Sample : P4254-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MH-147-SLUDGE

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-BF100124.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF139673.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.134	3	7	15	rVB	985283	1524616	100.00%	16.800%
2	5.069	498	506	518	rVB	42444	62437	4.10%	0.688%
3	5.481	570	576	593	rVB	676721	866050	56.80%	9.543%
4	6.492	742	748	758	rBV	685016	892635	58.55%	9.836%
5	6.692	778	782	794	rBV	10133	19452	1.28%	0.214%
6	6.863	806	811	816	rBV	369212	444388	29.15%	4.897%
7	7.422	901	906	917	rBV	420524	531102	34.84%	5.852%
8	7.680	943	950	958	rBV	12104	16663	1.09%	0.184%
9	8.145	1024	1029	1037	rBV	432539	527280	34.58%	5.810%
10	9.216	1206	1211	1220	rBV	625639	789582	51.79%	8.700%
11	9.898	1322	1327	1332	rBV	428044	518022	33.98%	5.708%
12	10.610	1443	1448	1456	rBV	103003	126141	8.27%	1.390%
13	10.686	1456	1461	1470	rBV	350413	446634	29.29%	4.921%
14	10.810	1475	1482	1488	rVB4	9269	16313	1.07%	0.180%
15	10.921	1495	1501	1504	rBV4	8629	15696	1.03%	0.173%
16	11.386	1574	1580	1587	rBV	396388	527321	34.59%	5.811%
17	11.910	1662	1669	1680	rBV4	23690	57828	3.79%	0.637%
18	12.598	1781	1786	1789	rBV	34911	42936	2.82%	0.473%
19	12.633	1789	1792	1796	rVB	13874	17172	1.13%	0.189%
20	12.827	1820	1825	1829	rVB	27530	38065	2.50%	0.419%
21	12.968	1844	1849	1854	rBV	457881	573022	37.58%	6.314%
22	14.021	2021	2028	2037	rVB	362868	545455	35.78%	6.010%
23	14.645	2132	2134	2141	rVB	21590	27666	1.81%	0.305%
24	14.868	2169	2172	2179	rVB2	27611	40155	2.63%	0.442%
25	15.133	2214	2217	2221	rVB	23166	29875	1.96%	0.329%
26	15.492	2273	2278	2287	rVB	238184	378753	24.84%	4.173%

Sum of corrected areas: 9075259

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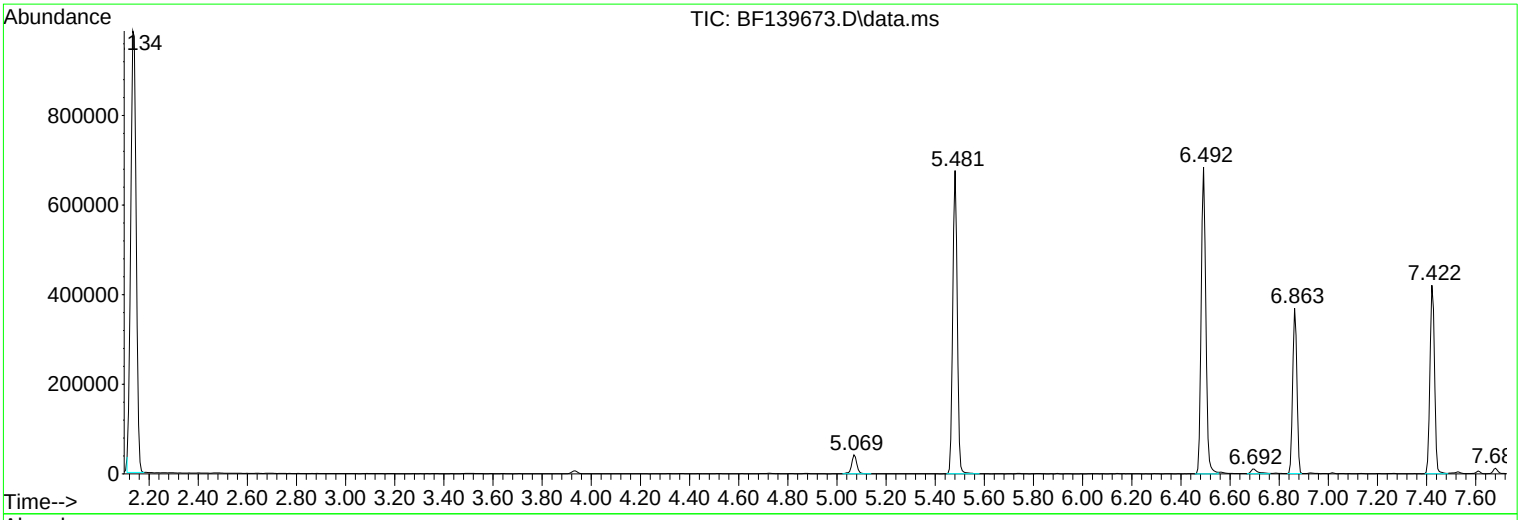
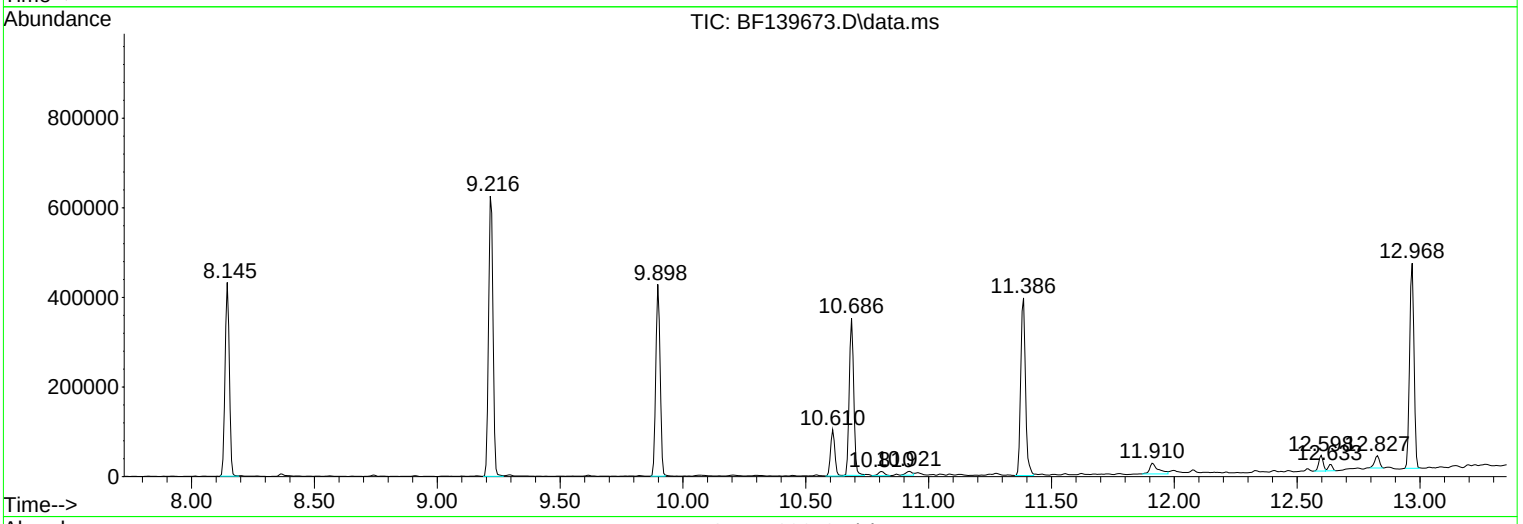
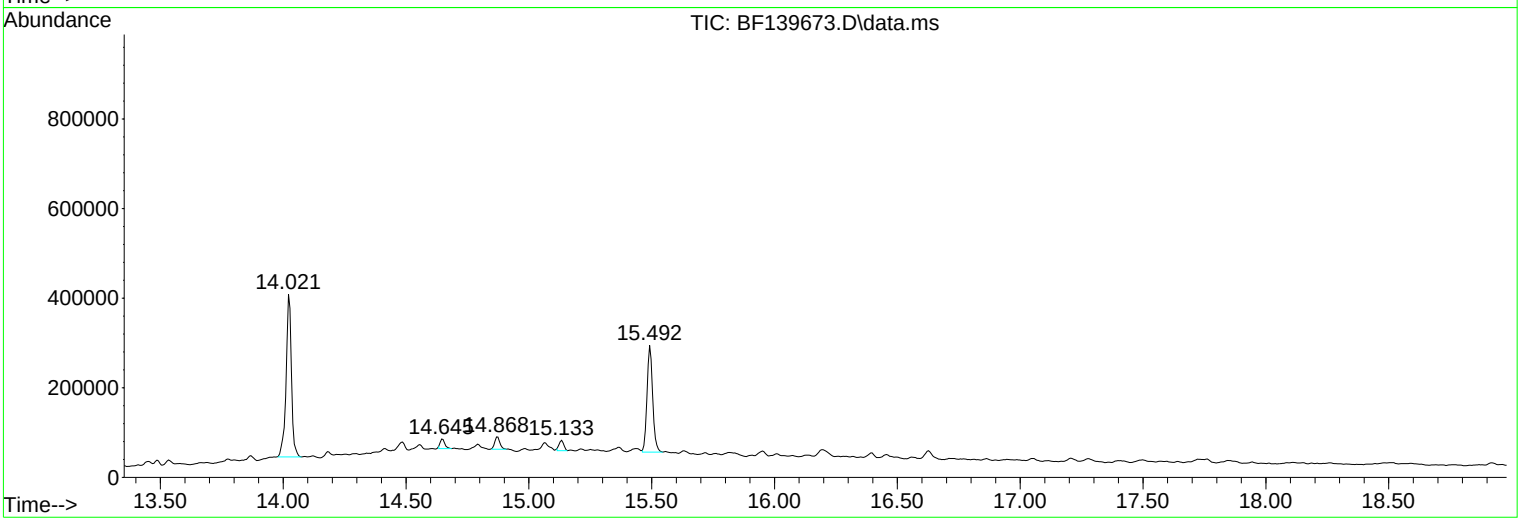
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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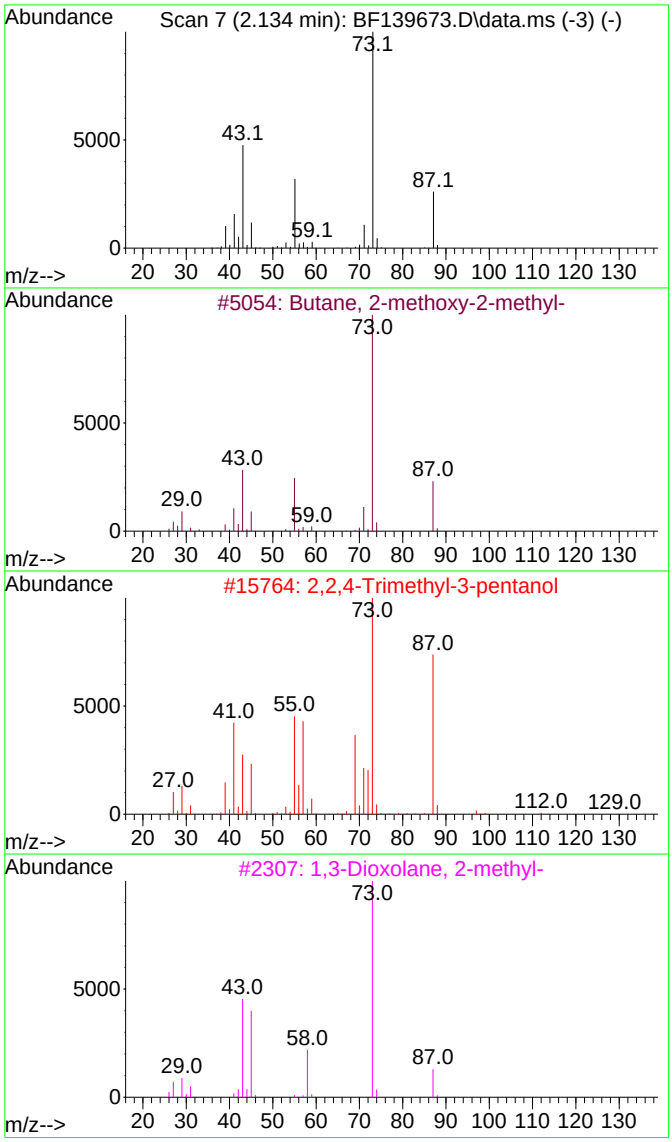
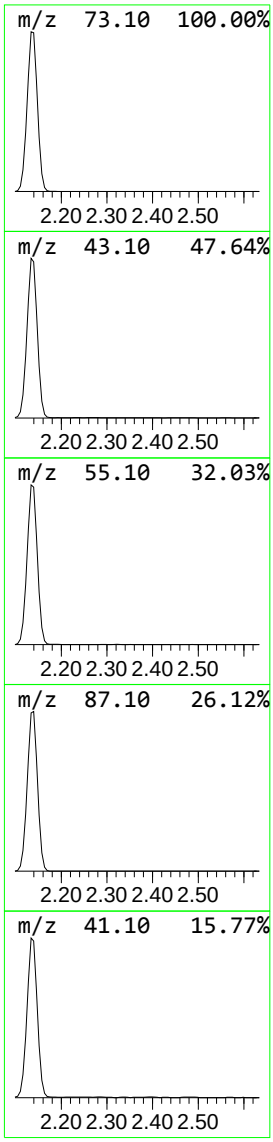
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.134	68.62 ng	1524620	1,4-Dichlorobenzene-d4	6.863

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	23
4	Silane, tetramethyl-	88	C4H12Si	000075-76-3	17
5	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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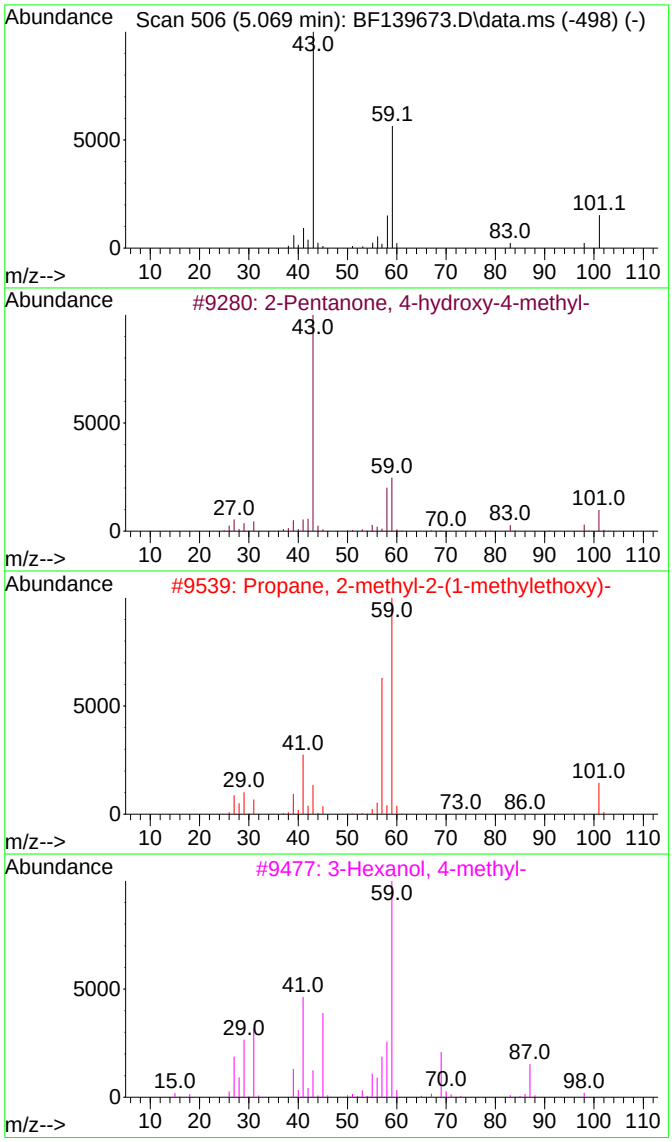
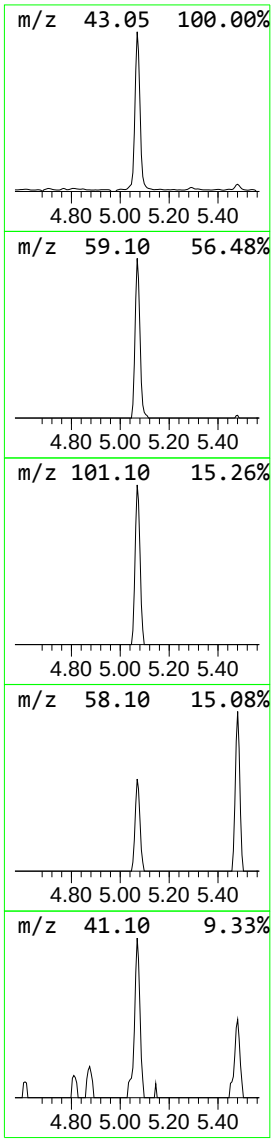
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.069	2.81 ng	62437	1,4-Dichlorobenzene-d4	6.863

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	36
3	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
4	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	12
5	Diacetamide	101	C4H7NO2	000625-77-4	9





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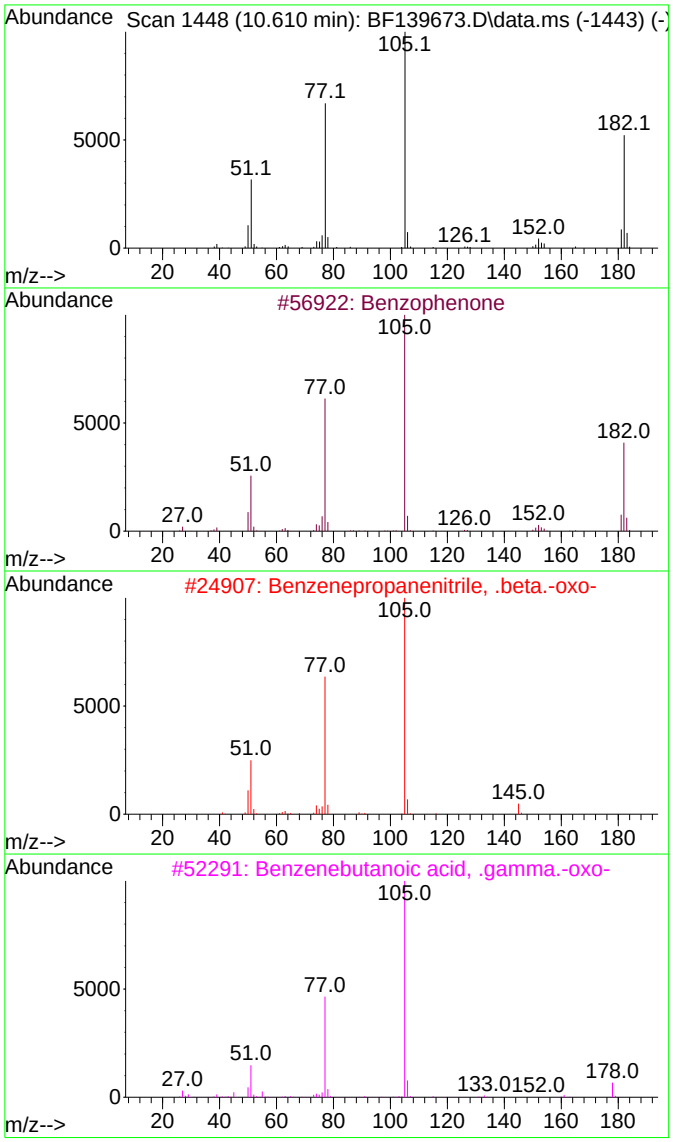
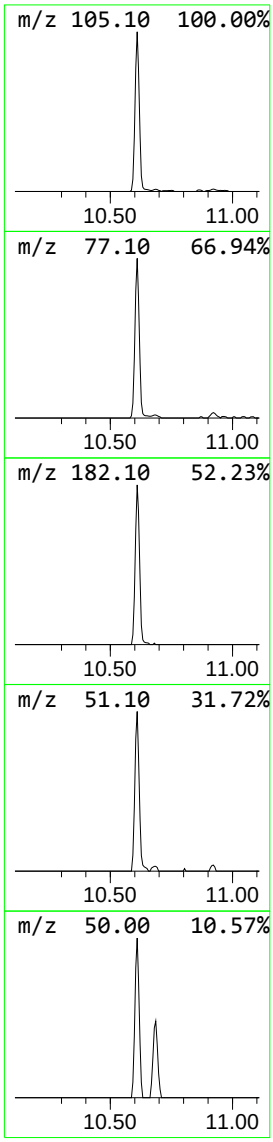
Peak Number 3 Benzophenone Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.610	4.87 ng	126141	Acenaphthene-d10	9.898

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	Benzenepropanenitrile, .beta.-oxo-	145	C9H7NO	000614-16-4	50
3	Benzenebutanoic acid, .gamma.-oxo-	178	C10H10O3	002051-95-8	50
4	1,2,4-Triazine-3,5(2H,4H)-dione,...	249	C10H7N3O3S	024168-34-1	50
5	Pentafluoroethyl phenyl ketone	224	C9H5F5O	000394-52-5	50





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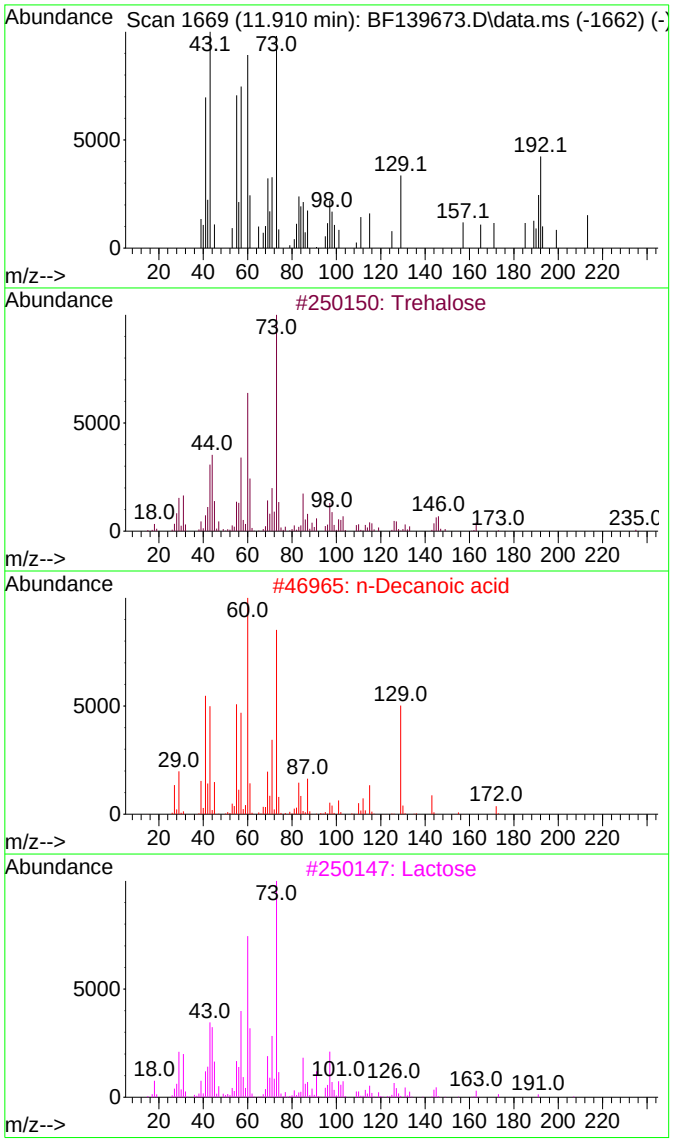
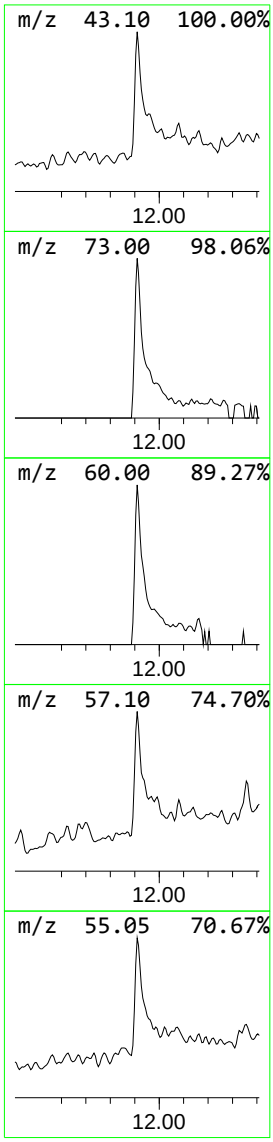
Peak Number 4 unknown11.910 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.910	2.19 ng	57828	Phenanthrene-d10	11.386

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trehalose	342	C12H22O11	000099-20-7	43
2	n-Decanoic acid	172	C10H20O2	000334-48-5	38
3	Lactose	342	C12H22O11	000063-42-3	38
4	d-Glucohexodialdose	178	C6H10O6	1000149-19-1	35
5	d-Gluco-heptulosan	210	C7H14O7	1000126-85-2	27





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ALS Vial : 23 Sample Multiplier: 1

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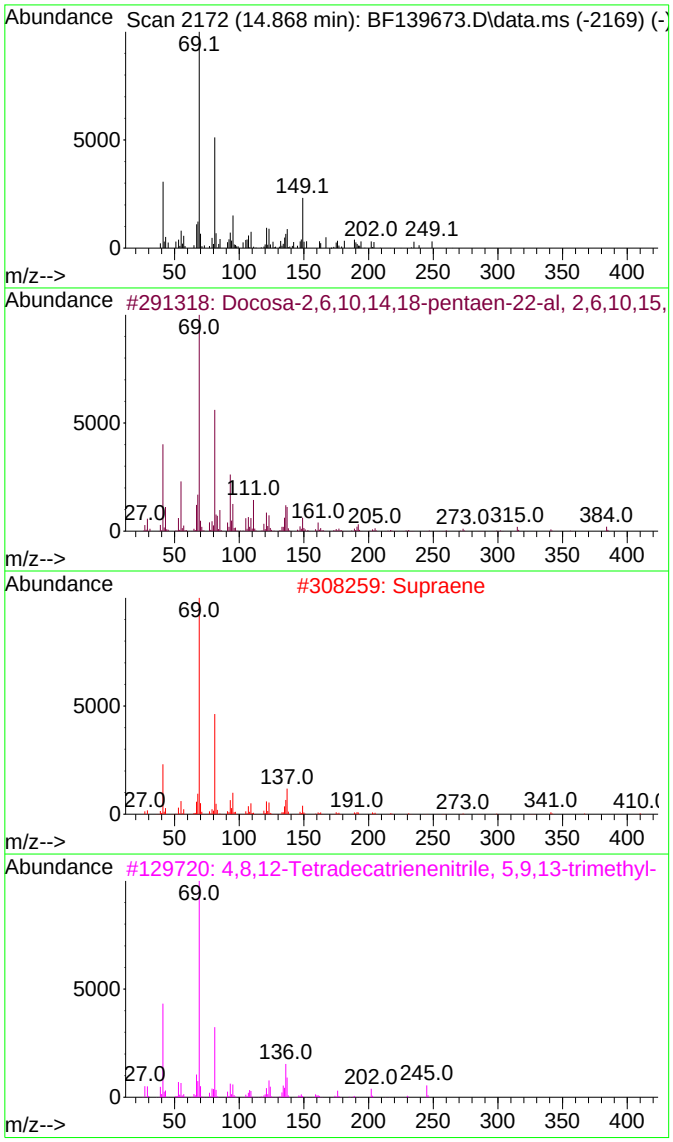
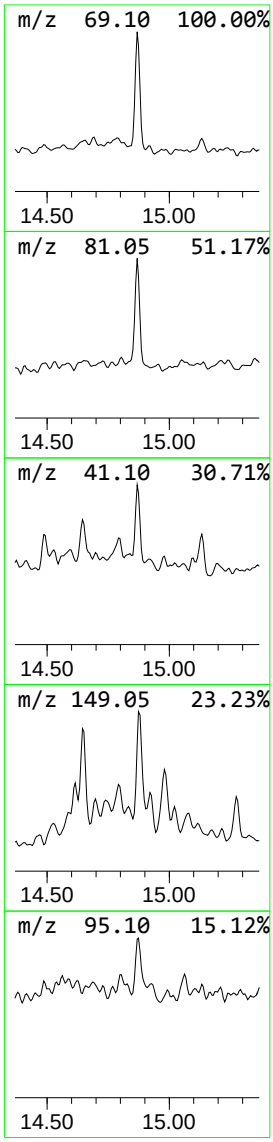
Peak Number 5 Docosa-2,6,10,14,18-pentaen... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.868	2.12 ng	40155	Perylene-d12	15.492

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosa-2,6,10,14,18-pentaen-22-a...	384	C27H44O	1000163-04-7	59
2	Supraene	410	C30H50	007683-64-9	58
3	4,8,12-Tetradecatrienenitrile, 5...	245	C17H27N	005981-31-7	50
4	1,6-Octadiene, 3,5-dimethyl-, tr...	138	C10H18	074630-87-8	50
5	trans-Farnesol	222	C15H26O	000106-28-5	50





Tentatively Identified Compound (LSC) summary

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					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-metho...	2.134	68.6	ng	1524620	1	6.863	444388	20.0
2-Pentanone, 4-...	5.069	2.8	ng	62437	1	6.863	444388	20.0
Benzophenone	10.610	4.9	ng	126141	3	9.898	518022	20.0
unknown11.910	11.910	2.2	ng	57828	4	11.386	527321	20.0
Docosa-2,6,10,1...	14.868	2.1	ng	40155	6	15.492	378753	20.0