LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062116\
Data File : BF088244.D
Acq On : 22 Jun 2016 7:21
Operator : UM/SJ
Sample : H3633-03
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TEPMW2-26

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:\HPCHEM1\BNA_F\METHODS\8270-BF060716.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	1.644	4	5	14	rVB	148098	254600	8.71%	1.293%
2	1.758	14	15	63	rVB	1333900	2922121	100.00%	14.840%
3	4.787	278	280	297	rVB	67818	96654	3.31%	0.491%
4	5.233	318	319	337	rVB	613995	892633	30.55%	4.533%
5	6.296	411	412	420	rBV	531015	573010	19.61%	2.910%
6	6.422	420	423	425	rBV	1548564	1626521	55.66%	8.260%
7	6.650	441	443	449	rVB	538276	453523	15.52%	2.303%
8	6.810	454	457	459	rBV	1152129	1561606	53.44%	7.931%
9	7.222	490	493	495	rBV	1308734	1261103	43.16%	6.405%
10	7.930	554	555	558	rBV	547754	612381	20.96%	3.110%
11	9.016	647	650	652	rVB	2405174	2472620	84.62%	12.557%
12	9.336	676	678	683	rBB	25057	34050	1.17%	0.173%
13	9.679	706	708	711	rBV	607644	690808	23.64%	3.508%
14	10.468	775	777	780	rBV2	923964	1273031	43.57%	6.465%
15	11.131	833	835	836	rBV	75570	70570	2.42%	0.358%
16	11.165	836	838	840	rVV	770201	692642	23.70%	3.518%
17	11.519	867	869	871	rVB	212382	176707	6.05%	0.897%
18	12.125	920	922	925	rBV	525237	593040	20.29%	3.012%
19	12.742	974	976	979	rBV	1728181	2093211	71.63%	10.631%
20	13.577	1047	1049	1050	rBV	36892	41572	1.42%	0.211%
21	13.611	1050	1052	1054	rVB	153953	143818	4.92%	0.730%
22	13.794	1065	1068	1073	rVB	559836	615463	21.06%	3.126%
23	14.194	1101	1103	1104	rBV	33301	42757	1.46%	0.217%
24	14.628	1139	1141	1146	rBV	21355	33144	1.13%	0.168%
25	15.165	1186	1188	1201	rVB	342798	462844	15.84%	2.351%

Sum of corrected areas: 19690429

LSC Report - Integrated Chromatogram

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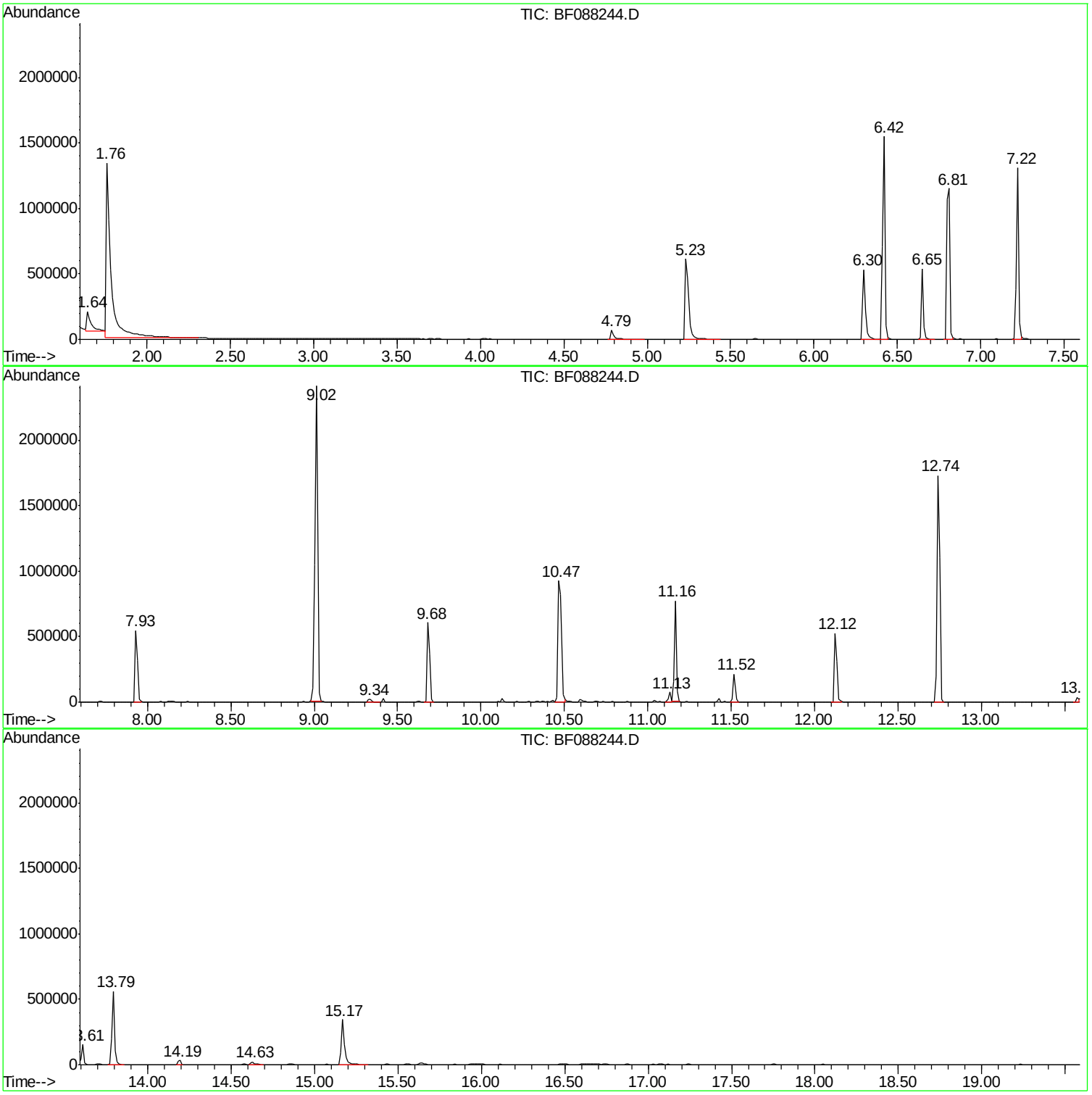
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P



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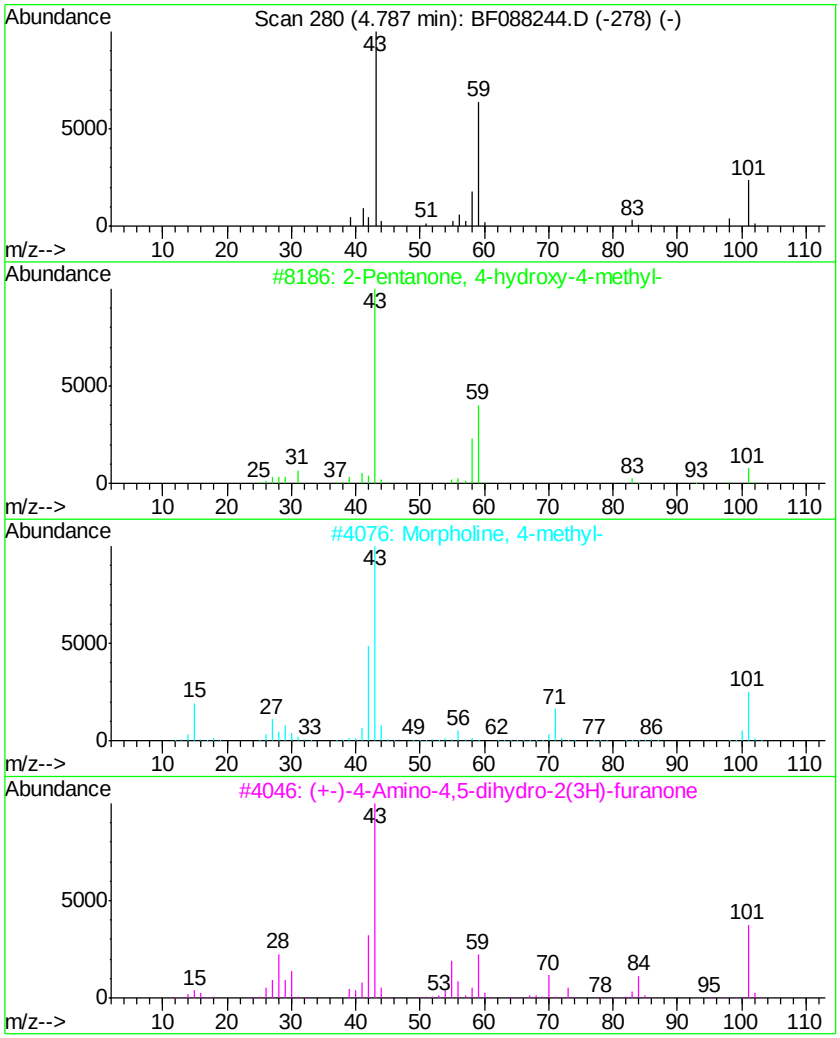
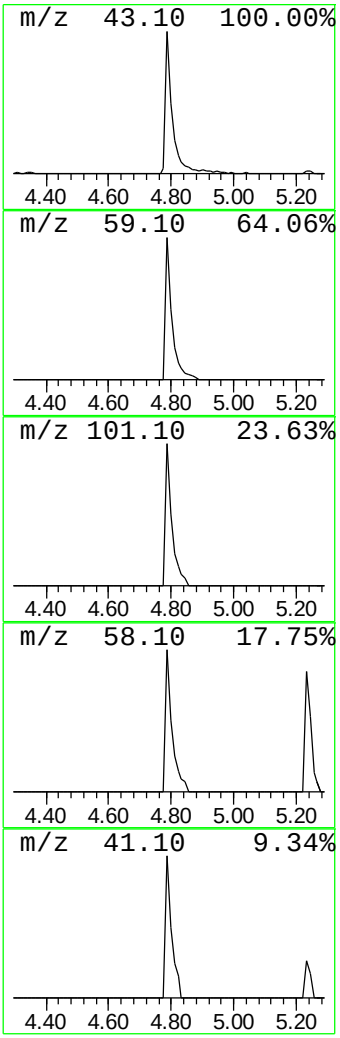
Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.79	4.26 ng	96654	1,4-Dichlorobenzene-d4	6.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
3	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9
4	5-Hexen-2-one	98	C6H10O	000109-49-9	9
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9





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ClientSampleId : TEPMW2-26

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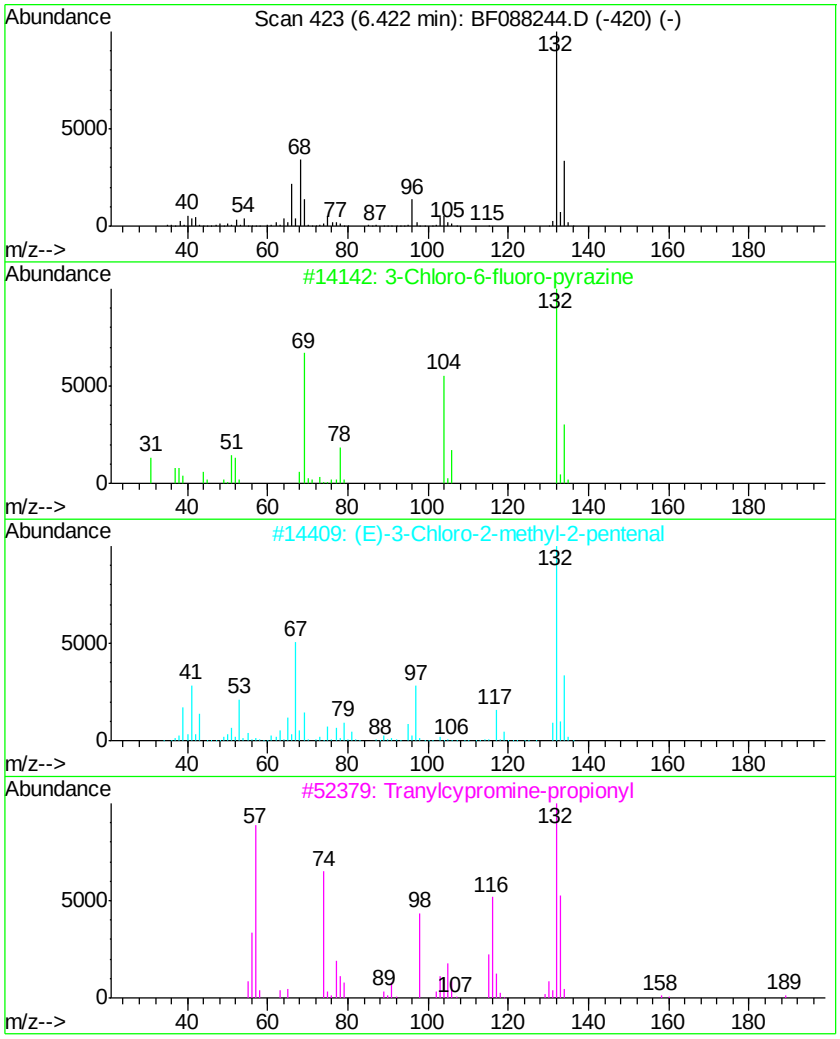
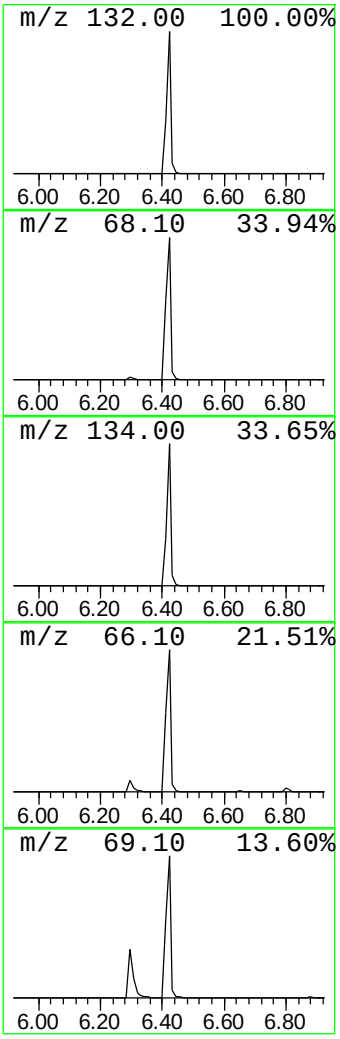
Peak Number 4 unknown6.42 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.42	71.73 ng	1626520	1,4-Dichlorobenzene-d4	6.65

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	12
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9
5	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9





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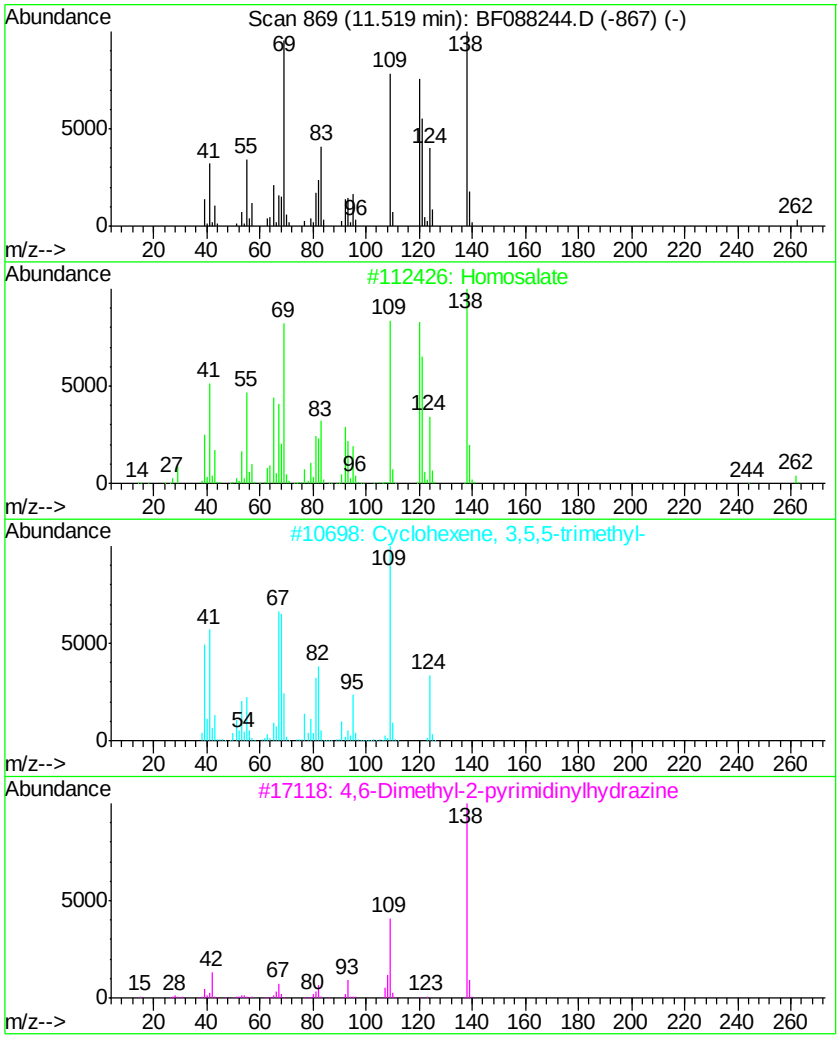
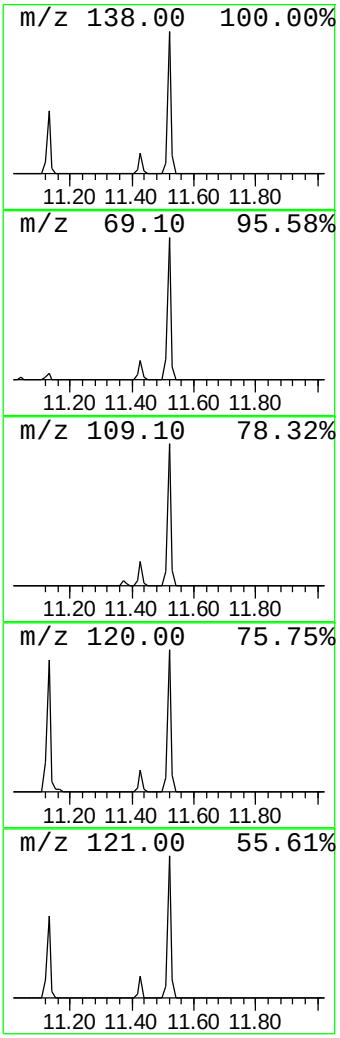
Peak Number 6 Homosalate Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.52	5.10 ng	176707	Phenanthrene-d10	11.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Homosalate	262	C16H22O3	000118-56-9	95
2	Cyclohexene, 3,5,5-trimethyl-	124	C9H16	000933-12-0	35
3	4,6-Dimethyl-2-pyrimidinylhydrazine	138	C6H10N4	023906-13-0	27
4	2-Propenoic acid, 2-methyl-, 3,3...	210	C13H22O2	007779-31-9	22
5	Cyclohexanol, 3,3,5-trimethyl-, ...	184	C11H20O2	024691-16-5	14





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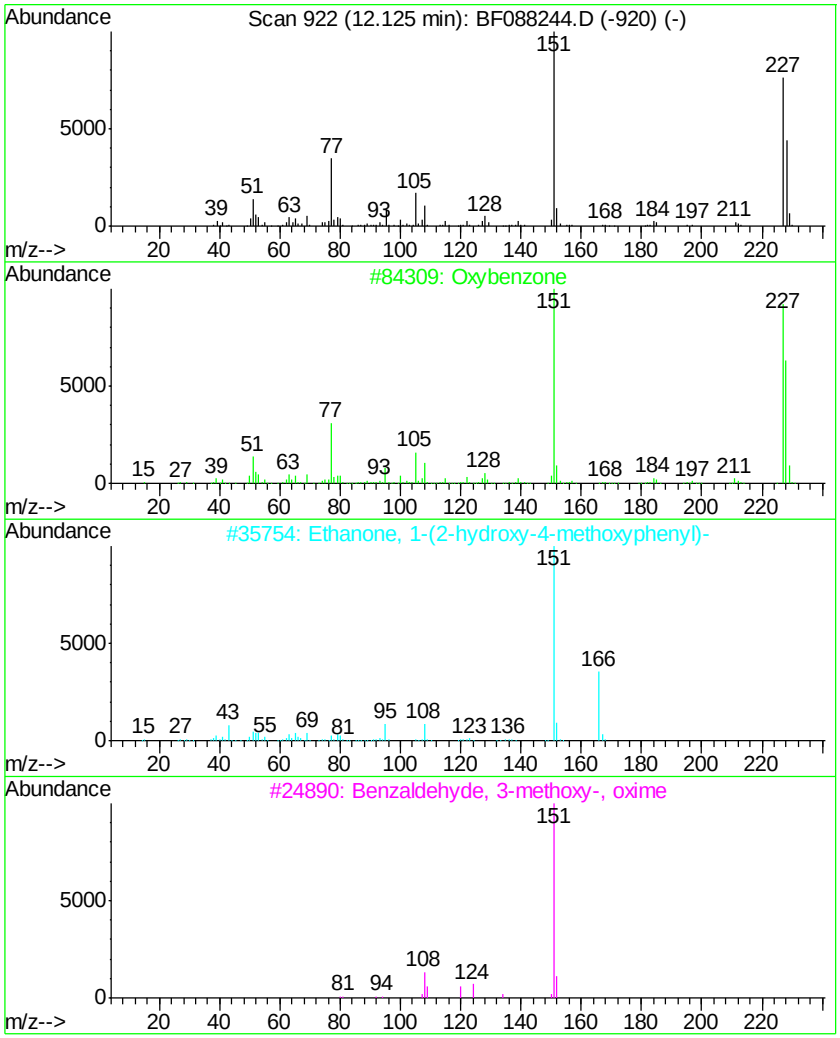
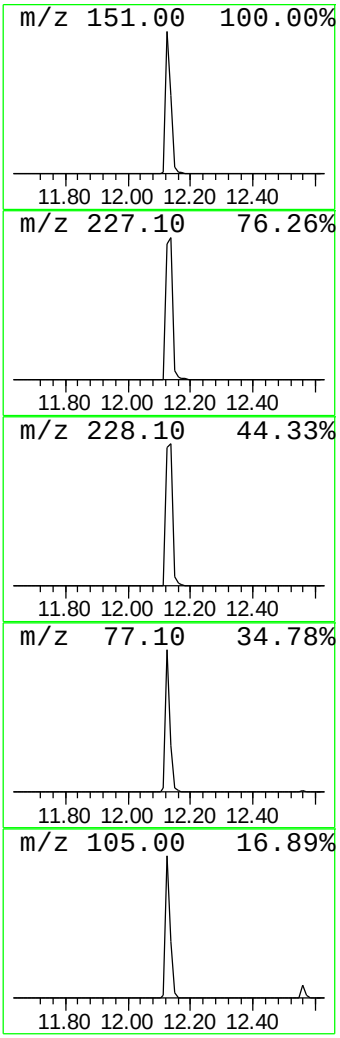
Peak Number 7 Oxybenzone Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.13	17.12 ng	593040	Phenanthrene-d10	11.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxybenzone	228	C14H12O3	000131-57-7	98
2	Ethanone, 1-(2-hydroxy-4-methoxy...	166	C9H10O3	000552-41-0	27
3	Benzaldehyde, 3-methoxy-, oxime	151	C8H9NO2	038489-80-4	27
4	4-Methoxyformanilide	151	C8H9NO2	005470-34-8	27
5	.alpha.-Amino-3'-hydroxy-4'-meth...	181	C9H11NO3	090765-44-9	27





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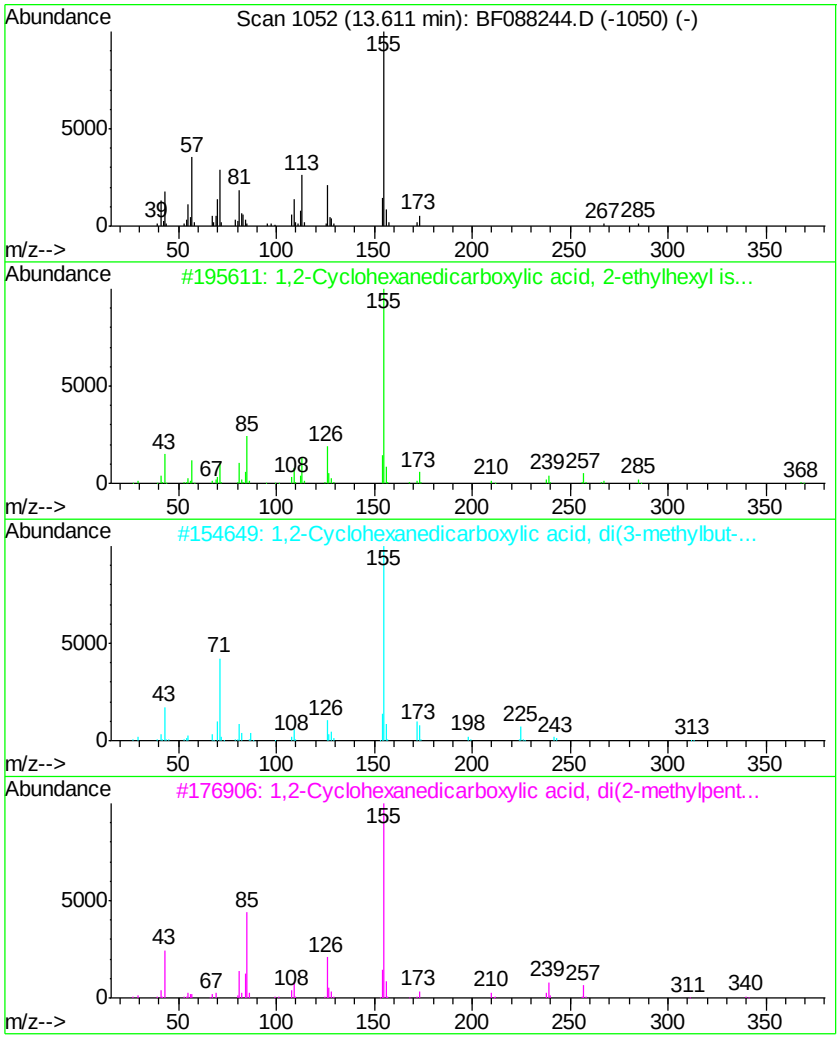
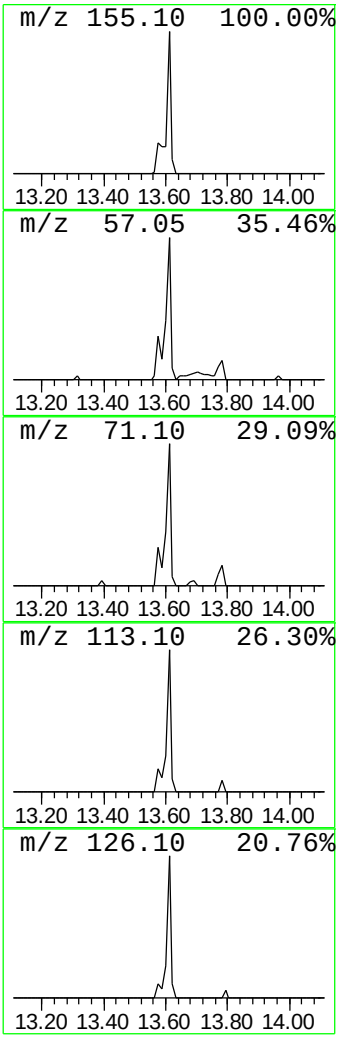
Peak Number 8 1,2-Cyclohexanedicarboxylic... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.61	4.67 ng	143818	Chrysene-d12	13.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2-Cyclohexanedicarboxylic acid...	368	C22H40O4	1000339-45-5	72
2	1,2-Cyclohexanedicarboxylic acid...	312	C18H32O4	1000339-57-1	59
3	1,2-Cyclohexanedicarboxylic acid...	340	C20H36O4	1000339-45-2	59
4	1,2-Cyclohexanedicarboxylic acid...	324	C19H32O4	1000339-73-8	53
5	1,2-Cyclohexanedicarboxylic acid...	352	C21H36O4	1000339-74-1	53





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...	4.79	4.3	ng	96654	1	6.65	453523	20.0
unknown6.42	6.42	71.7	ng	1626520	1	6.65	453523	20.0
Homosalate	11.52	5.1	ng	176707	4	11.16	692642	20.0
Oxybenzone	12.13	17.1	ng	593040	4	11.16	692642	20.0
1,2-Cyclohexanedi...	13.61	4.7	ng	143818	5	13.79	615463	20.0