

Data Path : Z:\HPCHEM1\BNA M\DATA\BM122015\
 Data File : BM003672.D
 Acq On : 21 Dec 2015 01:49
 Operator : UM/SJ
 Sample : G4867-20
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 G9DB5

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : OFF
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 0.1 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM121915.M
 Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	6.875	639	644	649	rBB	9749	13883	1.53%	0.216%
2	7.028	665	670	678	rBB	40500	63128	6.95%	0.984%
3	7.234	699	705	711	rBB	43776	67443	7.42%	1.051%
4	7.698	778	784	790	rBB	43597	66552	7.32%	1.037%
5	8.404	899	904	911	rBB	41169	61828	6.80%	0.964%
6	8.851	974	980	987	rBB	56183	89962	9.90%	1.402%
7	9.575	1097	1103	1108	rBB	48890	75325	8.29%	1.174%
8	10.110	1189	1194	1202	rBB	77964	125636	13.82%	1.958%
9	10.486	1251	1258	1264	rBV	78550	126657	13.93%	1.974%
10	10.534	1264	1266	1271	rVB	3477	4236	0.47%	0.066%
11	11.133	1364	1368	1373	rBB	3137	5286	0.58%	0.082%
12	11.839	1485	1488	1491	rBB	1175	1299	0.14%	0.020%
13	11.980	1506	1512	1518	rBB	86757	124078	13.65%	1.934%
14	12.598	1613	1617	1621	rBB	5512	6605	0.73%	0.103%
15	13.757	1808	1814	1822	rBB	194610	262713	28.90%	4.095%
16	14.039	1856	1862	1872	rBB	218209	308269	33.92%	4.805%
17	14.351	1909	1915	1922	rBB2	395421	548515	60.35%	8.549%
18	14.569	1948	1952	1958	rBB	13122	18966	2.09%	0.296%
19	15.092	2038	2041	2045	rBB	5411	6408	0.70%	0.100%
20	15.174	2048	2055	2059	rBB2	14534	19423	2.14%	0.303%
21	15.345	2078	2084	2090	rBB	302992	426707	46.95%	6.651%
22	15.468	2101	2105	2111	rBB	90465	108770	11.97%	1.695%
23	15.580	2122	2124	2127	rBB	1267	1489	0.16%	0.023%
24	15.710	2143	2146	2149	rBB	2310	2572	0.28%	0.040%
25	16.963	2355	2359	2362	rBB	2715	3348	0.37%	0.052%
26	17.098	2376	2382	2388	rBB	226610	308253	33.91%	4.804%
27	17.198	2392	2399	2409	rBV2	364826	529046	58.20%	8.246%
28	17.386	2427	2431	2433	rBB	1446	1706	0.19%	0.027%
29	17.768	2492	2496	2500	rBV	75599	80923	8.90%	1.261%
30	17.957	2525	2528	2531	rBB	11017	11319	1.25%	0.176%
31	18.068	2543	2547	2548	rBV	1887	2294	0.25%	0.036%
32	18.092	2548	2551	2555	rVB	6187	7028	0.77%	0.110%
33	18.292	2580	2585	2589	rBB2	59125	72404	7.97%	1.128%
34	18.398	2601	2603	2605	rBB	1527	1005	0.11%	0.016%

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35	18.509	2618	2622	2627	rBV	81171	94390	10.38%	1.471%
36	18.857	2677	2681	2685	rVB	11747	12233	1.35%	0.191%
37	19.133	2724	2728	2732	rBV	3636	4018	0.44%	0.063%
38	19.386	2766	2771	2775	rVB	3433	3190	0.35%	0.050%
39	19.498	2784	2790	2798	rVB	568283	740665	81.49%	11.544%
40	20.380	2937	2940	2941	rBV2	736	967	0.11%	0.015%
41	20.962	3037	3039	3043	rVB2	947	1208	0.13%	0.019%
42	21.045	3051	3053	3055	rBV3	1264	1132	0.12%	0.018%
43	21.074	3055	3058	3061	rVV	1896	2339	0.26%	0.036%
44	21.139	3067	3069	3070	rBV	1312	1079	0.12%	0.017%
45	21.292	3090	3095	3101	rBV	423924	550612	60.58%	8.582%
46	22.797	3349	3351	3355	rVB3	5585	7219	0.79%	0.113%
47	23.397	3446	3453	3464	rVB	501133	908937	100.00%	14.167%
48	23.539	3470	3477	3484	rBV2	293094	534888	58.85%	8.337%

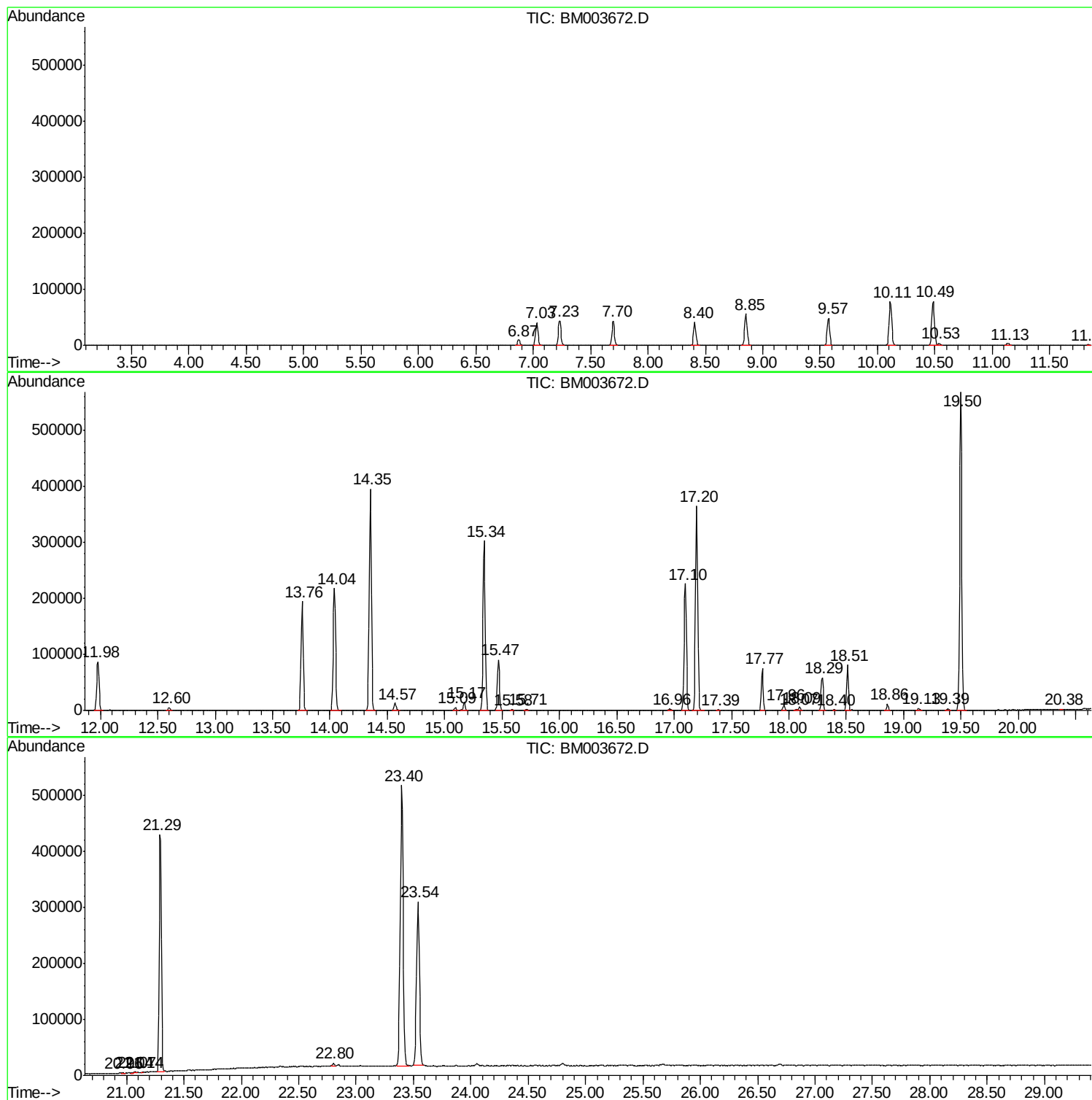
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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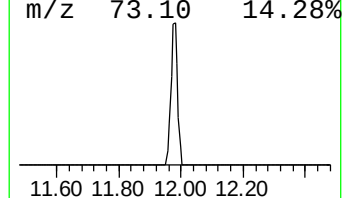
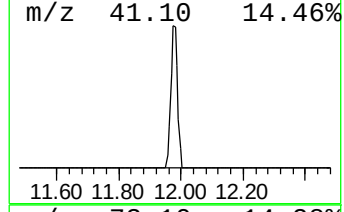
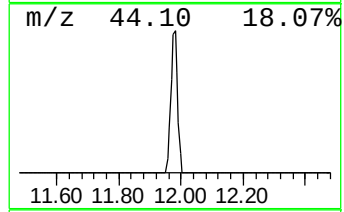
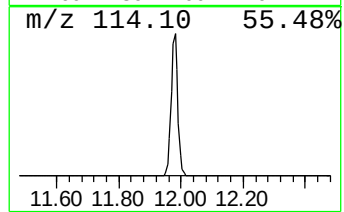
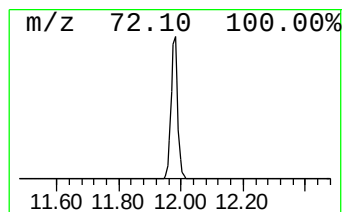
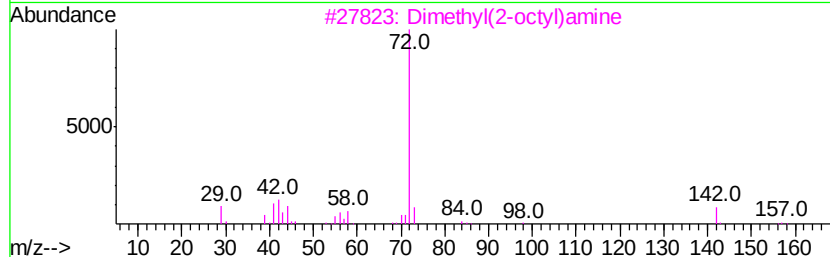
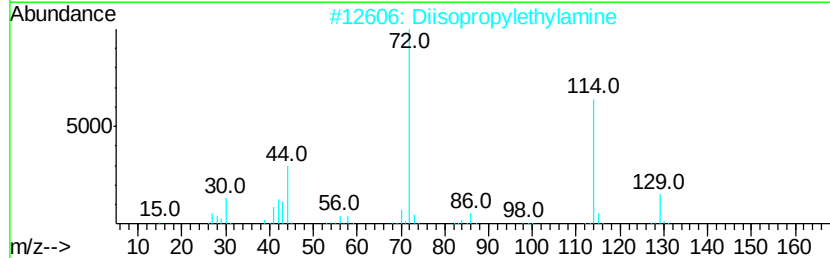
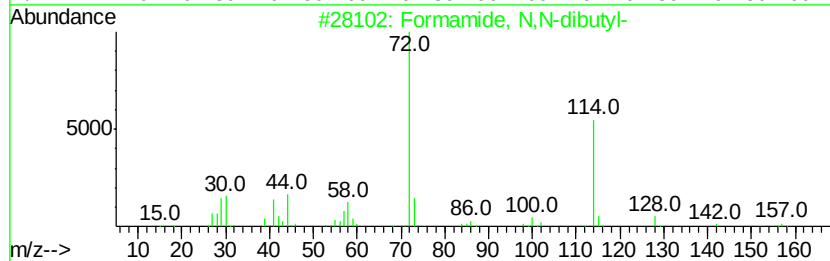
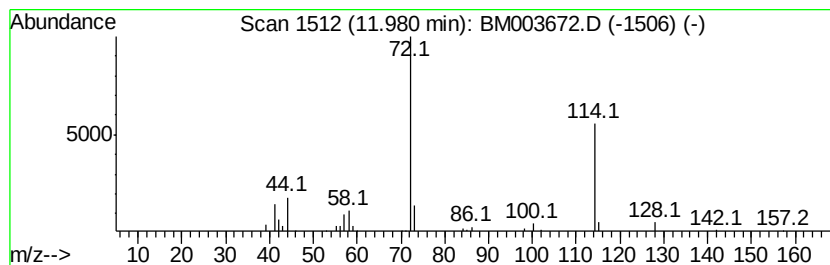
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Quant Title : SVOA CALIBRATION

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

Peak Number 1 Formamide, N,N-dibutyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.98	19.59 ng/ul	124078	Napthalene-d8	10.49
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Formamide, N,N-dibutyl-	157 C9H19NO	000761-65-9 97
2		Diisopropylethylamine	129 C8H19N	007087-68-5 59
3		Dimethyl(2-octyl)amine	157 C10H23N	007378-97-4 50
4		Isobutyl-propyl-amine	115 C7H17N	039190-66-4 38
5		1-Propanamine, n-propyl-	101 C6H15N	000142-84-7 38



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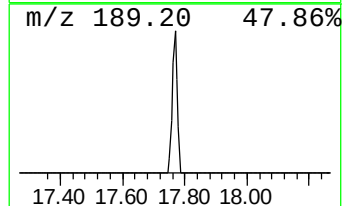
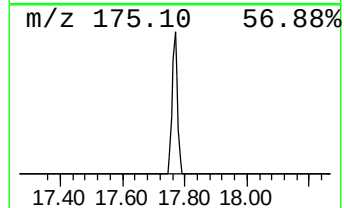
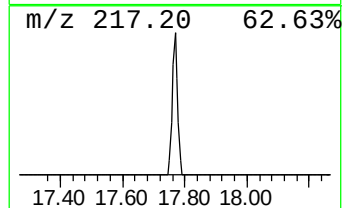
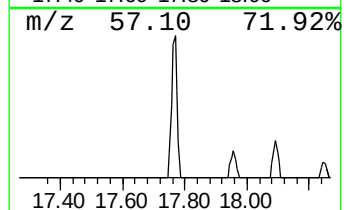
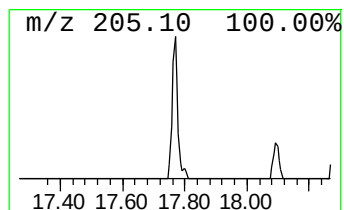
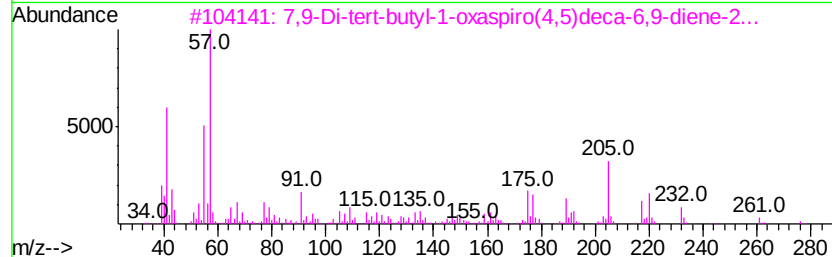
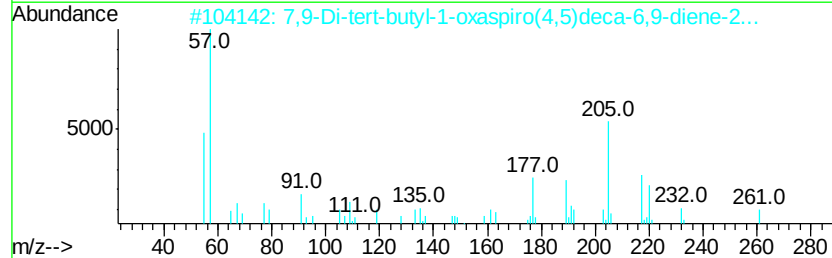
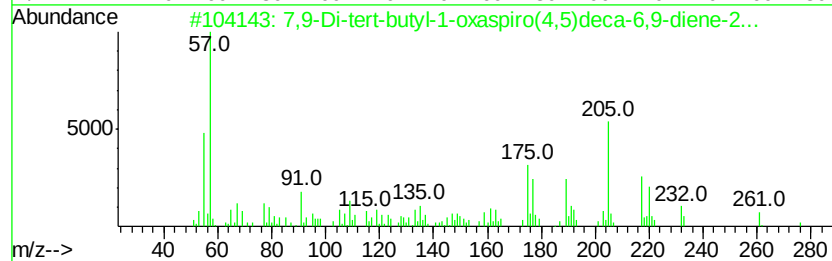
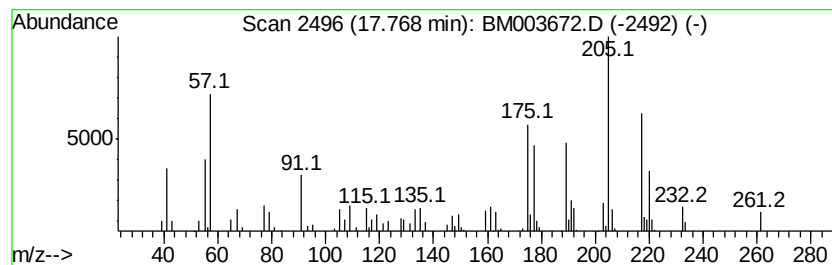
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Peak Number 2 7,9-Di-tert-butyl-1-oxaspiro... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.77	5.25 ng/ul	80923	Phenanthrene-d10	17.10

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	7,9-Di-tert-butyl-1-oxaspiro(4,5)deca-6,9-diene-2-one	276	C17H24O3	082304-66-3	90
2		7,9-Di-tert-butyl-1-oxaspiro(4,5)deca-6,9-diene-2-one	276	C17H24O3	082304-66-3	87
3		7,9-Di-tert-butyl-1-oxaspiro(4,5)deca-6,9-diene-2-one	276	C17H24O3	082304-66-3	72
4		Ethanone, 1-(5,6,7,8-tetrahydro-2H-chromene-2-yl)-	220	C14H20O2	071596-88-8	64
5		2,5-di-tert-Butyl-1,4-benzoquinone	220	C14H20O2	002460-77-7	44



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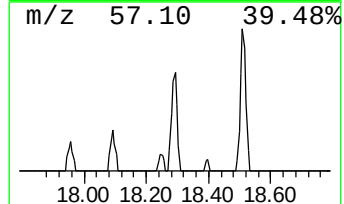
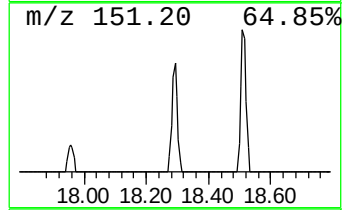
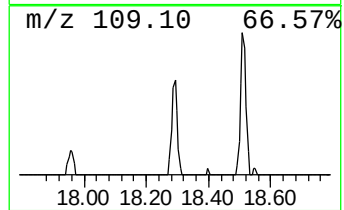
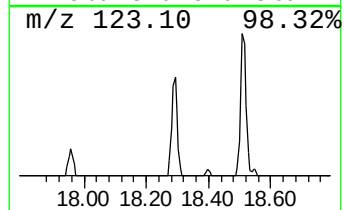
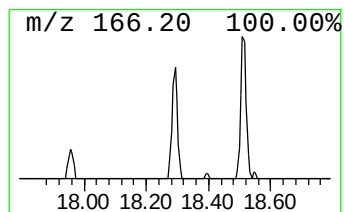
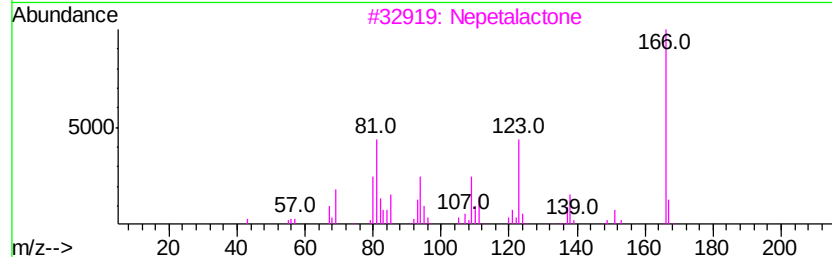
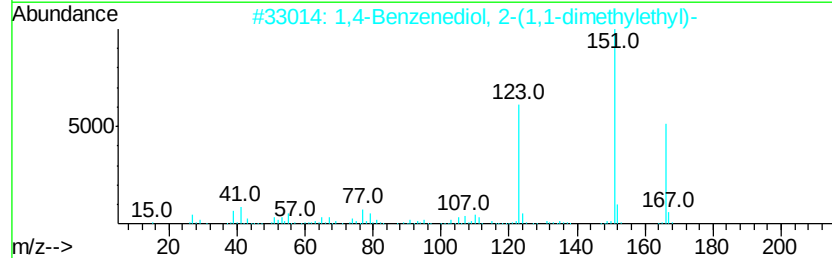
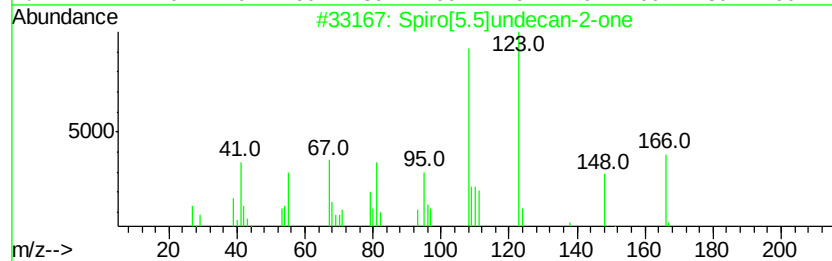
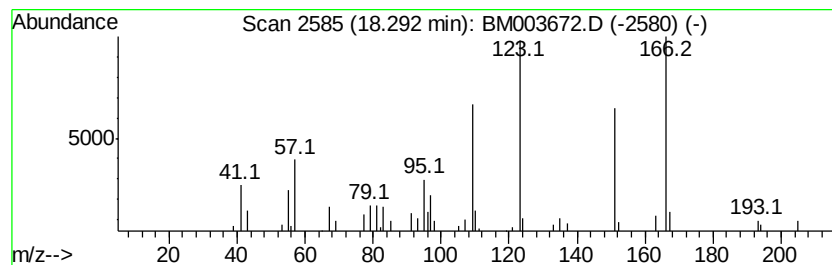
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Peak Number 3 Spiro[5.5]undecan-2-one Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD		R.T.	
18.29	4.70 ng/ul	72404	Phenanthrene-d10		17.10	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Spiro[5.5]undecan-2-one	166	C11H18O	001781-81-3	53
2		1,4-Benzenediol, 2-(1,1-dimethyl...	166	C10H14O2	001948-33-0	52
3		Nepetalactone	166	C10H14O2	000490-10-8	52
4		Phenol, 5-methoxy-2,3,4-trimethyl-	166	C10H14O2	034883-02-8	46
5		Benzaldehyde, 2,5-dimethoxy-	166	C9H10O3	000093-02-7	43



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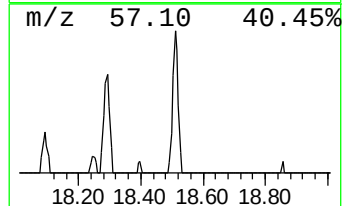
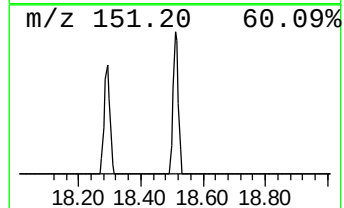
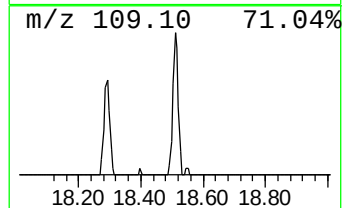
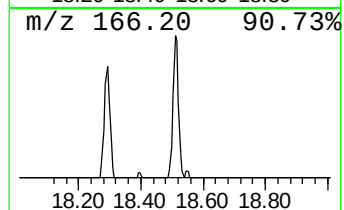
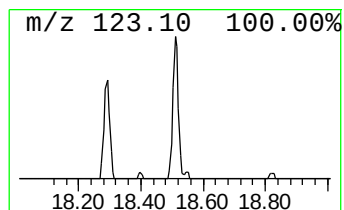
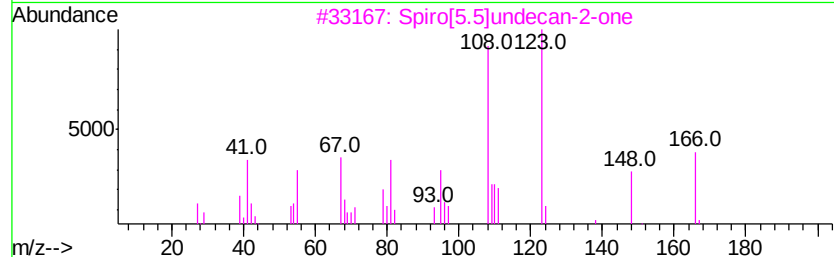
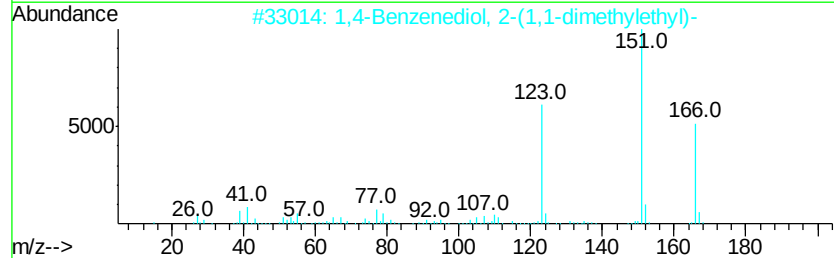
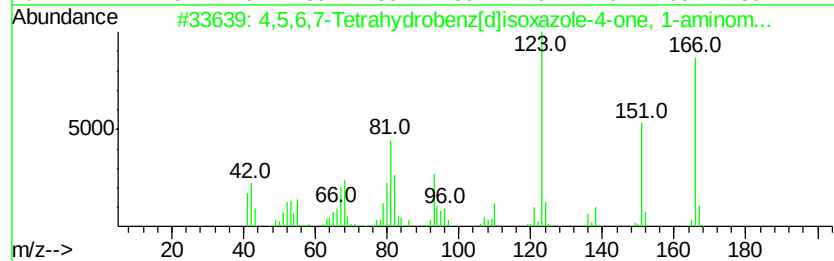
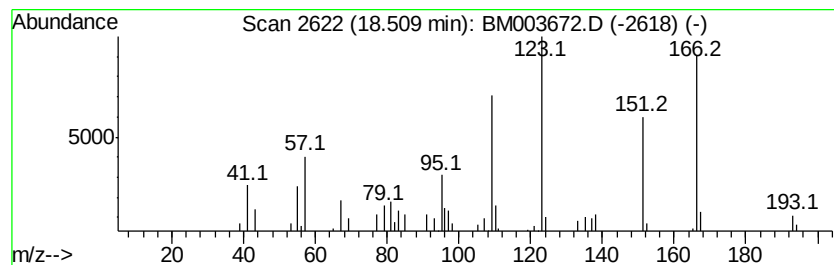
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Peak Number 4 4,5,6,7-Tetrahydrobenz[d]is... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.51	6.12 ng/ul	94390	Phenanthrene-d10	17.10

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4,5,6,7-Tetrahydrobenz[d]isoxazo...	166	C8H10N2O2	1000131-45-3	62
2		1,4-Benzenediol, 2-(1,1-dimethyl...	166	C10H14O2	001948-33-0	58
3		Spiro[5.5]undecan-2-one	166	C11H18O	001781-81-3	53
4		cis-Octahydro-1,4-naphthalenedione	166	C10H14O2	002717-36-4	49
5		Diethylphenylphosphine	166	C10H15P	001605-53-4	43



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Formamide, N,N-di...	11.98	19.6	ng/ul	124078	2	10.49	126657	20.0
7,9-Di-tert-butyl...	17.77	5.3	ng/ul	80923	4	17.10	308253	20.0
Spiro[5.5]undecan...	18.29	4.7	ng/ul	72404	4	17.10	308253	20.0
4,5,6,7-Tetrahydr...	18.51	6.1	ng/ul	94390	4	17.10	308253	20.0