

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA M\DATA\BM120517\
 Data File : BM013189.D
 Acq On : 05 Dec 2017 13:42
 Operator : SJ/JU
 Sample : I6647-15
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0286

Integration Parameters: LSCINT.P

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

Filtering: 5
 Min Area: 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\SOM-EPA-BM113017.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	3.246	23	27	35	rVB	47301	71592	1.16%	0.113%
2	5.775	453	457	464	rVB2	44688	70778	1.14%	0.112%
3	6.881	637	645	655	rVB2	192972	334812	5.42%	0.529%
4	7.046	666	673	682	rBV	713599	1088243	17.60%	1.719%
5	7.240	698	706	717	rBV	780209	1247244	20.18%	1.970%
6	7.704	777	785	791	rBV	982370	1540227	24.92%	2.433%
7	7.769	791	796	803	rVB	268543	409277	6.62%	0.646%
8	8.410	898	905	914	rBV	604331	978537	15.83%	1.546%
9	8.793	963	970	975	rBV	90608	154913	2.51%	0.245%
10	8.857	975	981	987	rVV	1001416	1595945	25.82%	2.521%
11	9.575	1094	1103	1118	rBV	815006	1415164	22.89%	2.235%
12	10.110	1187	1194	1202	rBV	1155338	1937314	31.34%	3.060%
13	10.392	1236	1242	1250	rBV	47236	79259	1.28%	0.125%
14	10.487	1250	1258	1265	rBV	1433896	2406461	38.93%	3.801%
15	11.775	1471	1477	1488	rVB2	107538	205219	3.32%	0.324%
16	13.263	1724	1730	1737	rBV2	97662	148856	2.41%	0.235%
17	13.757	1808	1814	1825	rBV	2504066	3421776	55.35%	5.405%
18	14.033	1851	1861	1870	rBV	2668237	3989904	64.54%	6.302%
19	14.345	1907	1914	1923	rVV	2381070	3520081	56.94%	5.560%
20	14.427	1923	1928	1934	rVB3	54040	78855	1.28%	0.125%
21	14.557	1943	1950	1964	rBV2	191918	343503	5.56%	0.543%
22	15.027	2022	2030	2035	rBV	62378	104079	1.68%	0.164%
23	15.339	2077	2083	2092	rBV	3499395	4910436	79.44%	7.756%
24	15.463	2097	2104	2114	rBV	1042135	1437825	23.26%	2.271%
25	17.092	2374	2381	2388	rBV2	3064422	4360393	70.54%	6.888%
26	17.192	2390	2398	2410	rBV	3927722	5478527	88.63%	8.654%
27	17.763	2490	2495	2500	rBV	638514	810393	13.11%	1.280%
28	17.992	2529	2534	2542	rVB2	64579	88650	1.43%	0.140%
29	19.121	2721	2726	2730	rBV	47339	64922	1.05%	0.103%
30	19.274	2748	2752	2758	rBV3	119819	166841	2.70%	0.264%
31	19.486	2782	2788	2794	rBV	4721617	6181690	100.00%	9.764%
32	21.280	3087	3093	3098	rBV	3679691	4736170	76.62%	7.481%
33	22.839	3355	3358	3362	rVB4	128368	186175	3.01%	0.294%
34	23.368	3441	3448	3461	rVB2	2560178	5162310	83.51%	8.154%

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35	23.509	3465	3472	3480	rVB	1995226	3812759	61.68%	6.023%
36	24.050	3559	3564	3572	rVB3	180767	359732	5.82%	0.568%
37	24.792	3685	3690	3698	rVB2	190271	408949	6.62%	0.646%

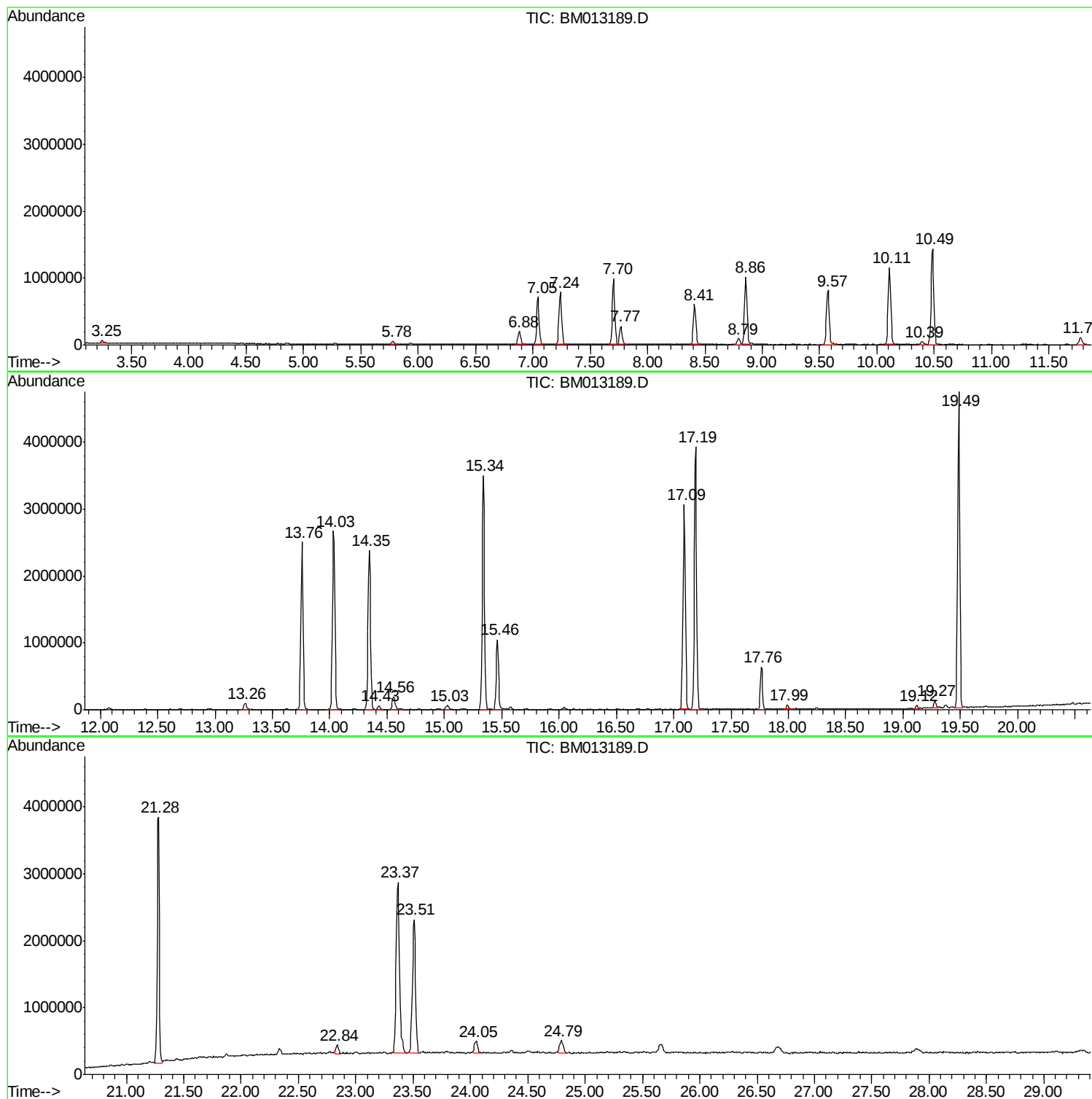
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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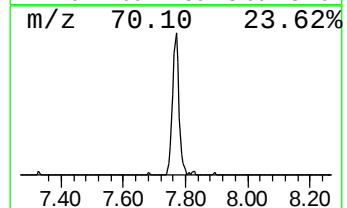
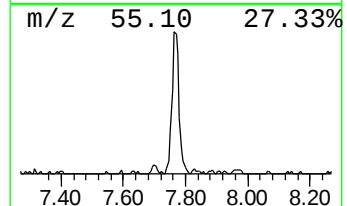
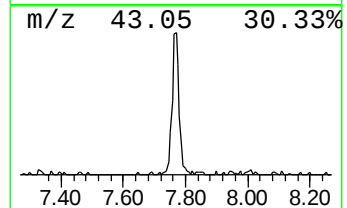
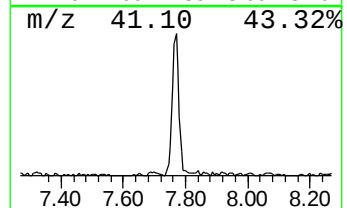
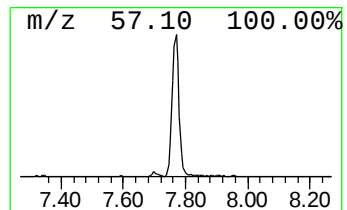
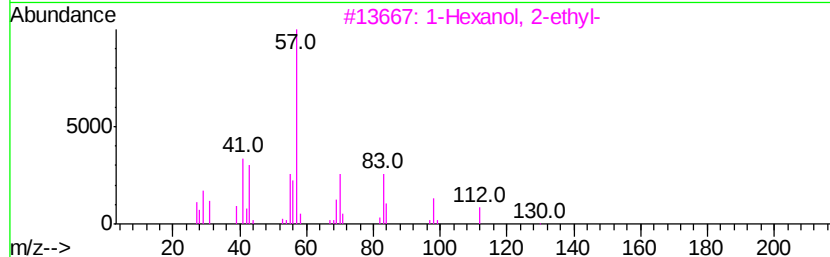
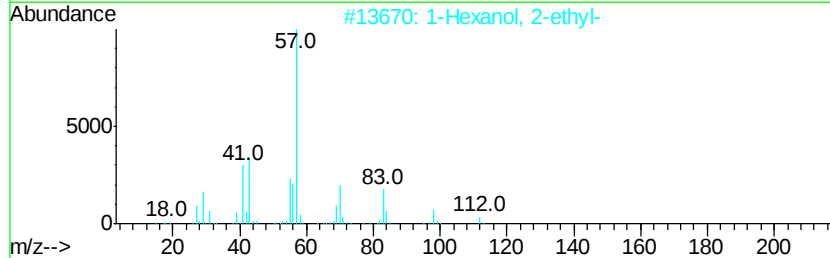
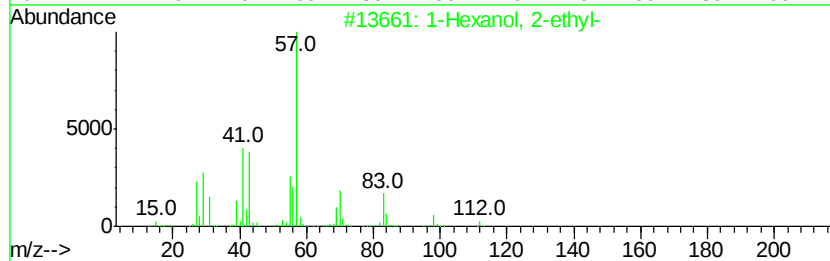
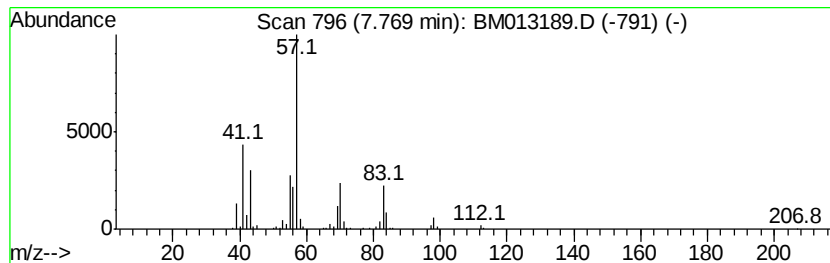
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.77	5.31 ng/ul	409277	1,4-Dichlorobenzene-d4	7.70

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	83
2			1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	74
3			1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	64
4			1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	64
5			Carbonic acid, isobutyl 2-ethylh...	230	C13H26O3	1000357-82-9	53



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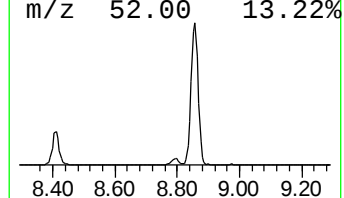
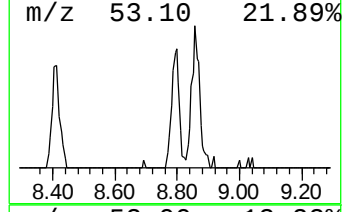
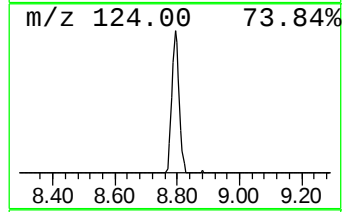
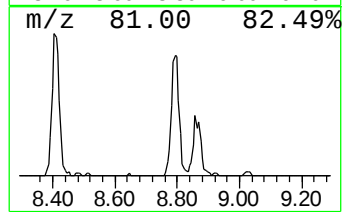
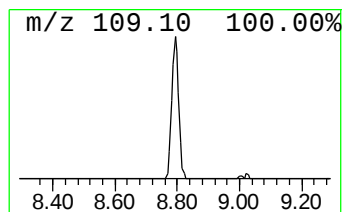
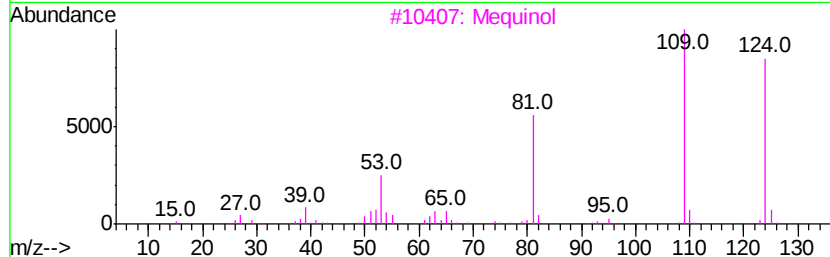
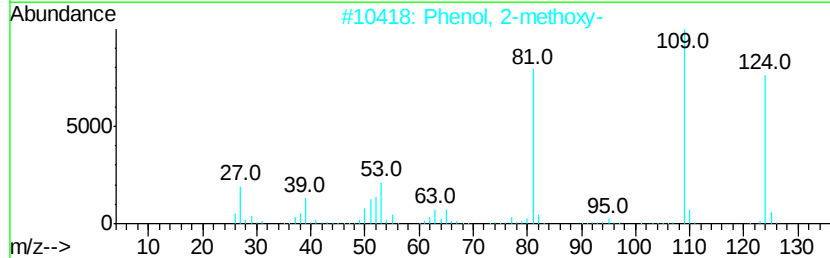
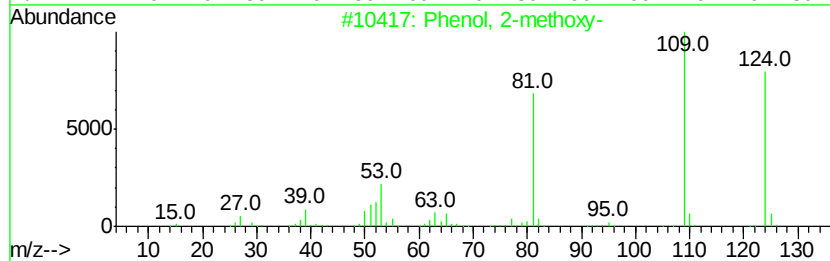
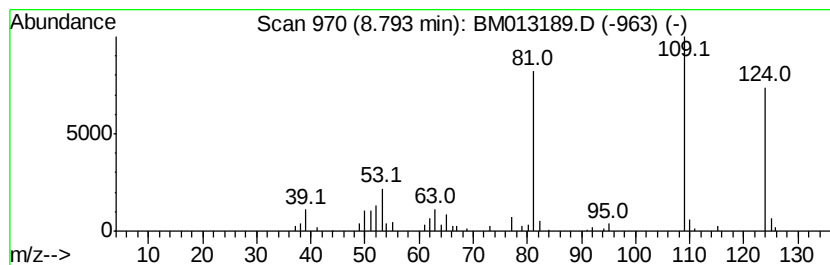
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TIC Integration Parameters: LSCINT.P

Peak Number 2 Phenol, 2-methoxy- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.79	2.01 ng/ul	154913	1,4-Dichlorobenzene-d4	7.70

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenol, 2-methoxy-	124	C7H8O2	000090-05-1	97
2		Phenol, 2-methoxy-	124	C7H8O2	000090-05-1	94
3		Mequinol	124	C7H8O2	000150-76-5	93
4		Mequinol	124	C7H8O2	000150-76-5	91
5		Phenol, 2-methoxy-	124	C7H8O2	000090-05-1	91



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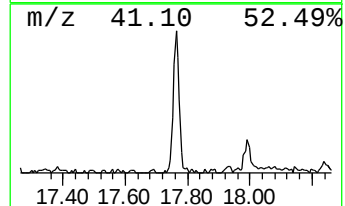
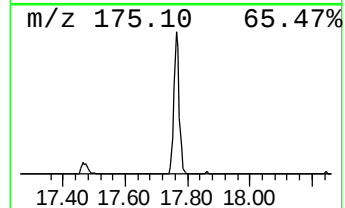
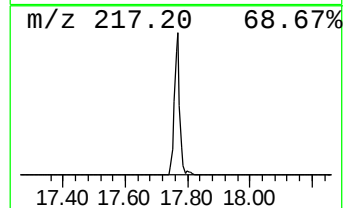
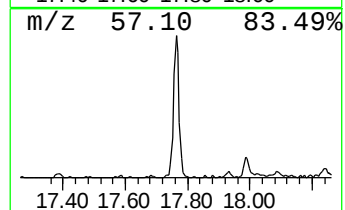
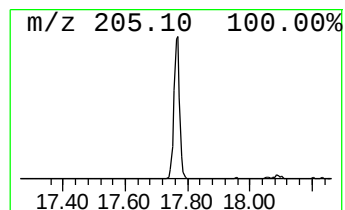
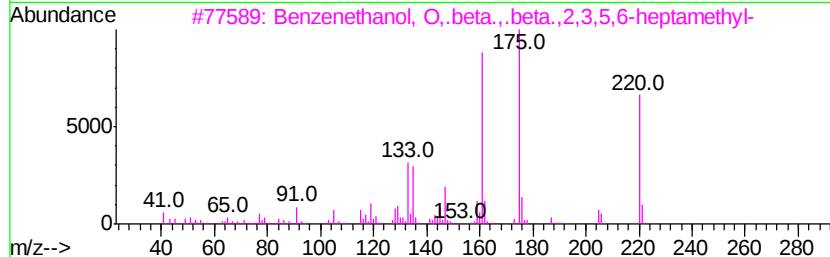
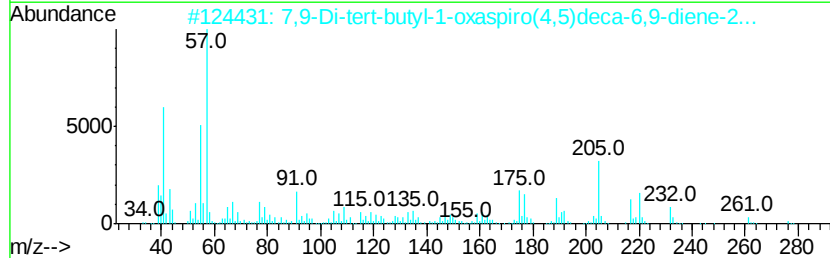
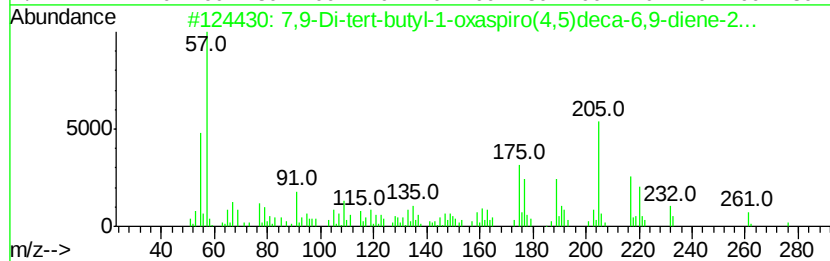
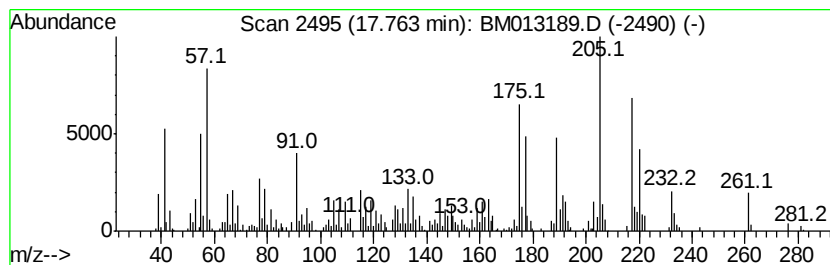
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Peak Number 3 7,9-Di-tert-butyl-1-oxaspiro... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.76	3.72 ng/ul	810393	Phenanthrene-d10	17.09

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			7,9-Di-tert-butyl-1-oxaspiro(4,5...	276	C17H24O3	082304-66-3	99
2			7,9-Di-tert-butyl-1-oxaspiro(4,5...	276	C17H24O3	082304-66-3	96
3			Benzenethanol, O,.beta.,.beta.,2...	220	C15H24O	1000128-94-8	56
4			2,5-di-tert-Butyl-1,4-benzoquinone	220	C14H20O2	002460-77-7	55
5			Ethanone, 1-(5,6,7,8-tetrahydro-...	220	C14H20O2	071596-88-8	53



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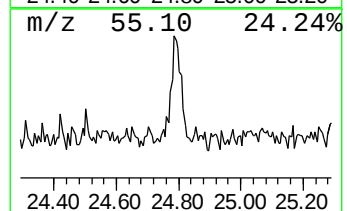
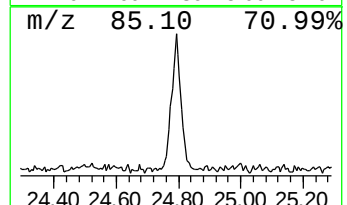
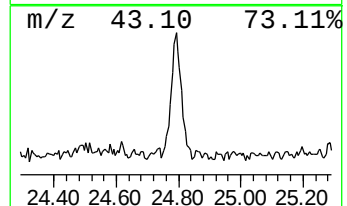
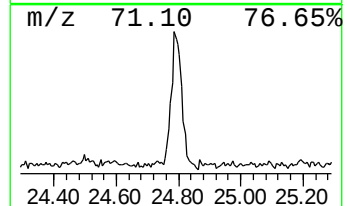
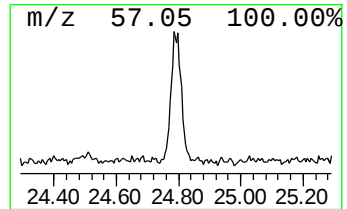
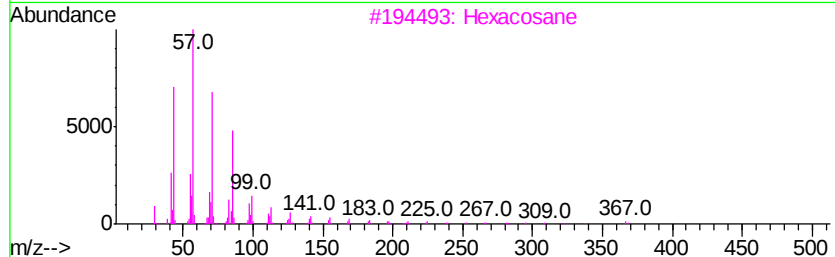
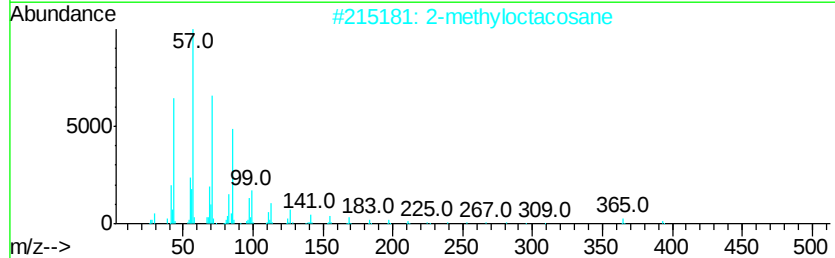
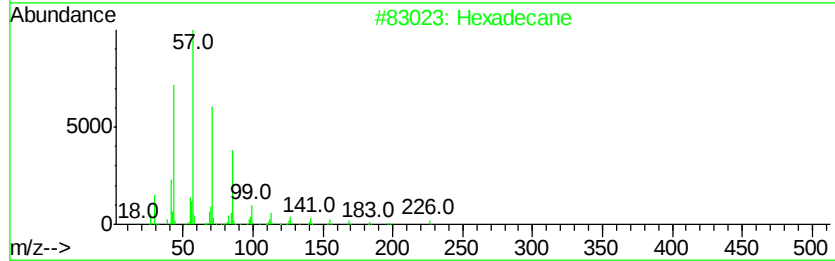
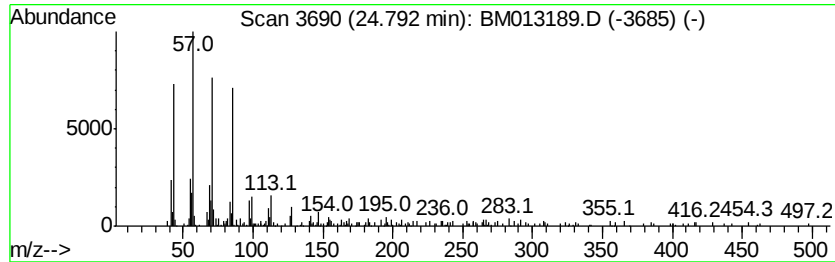
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Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.79	2.15 ng/ul	408949	Perylene-d12	23.51

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane	226	C16H34	000544-76-3	91
2			2-methyloctacosane	408	C29H60	1000376-72-8	87
3			Hexacosane	366	C26H54	000630-01-3	87
4			Octacosane	394	C28H58	000630-02-4	83
5			Heneicosane, 11-decyl-	437	C31H64	055320-06-4	83



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
1-Hexanol, 2-ethyl-	7.77	5.3	ng/ul	409277	1	7.70	1540230	20.0
Phenol, 2-methoxy-	8.79	2.0	ng/ul	154913	1	7.70	1540230	20.0
7,9-Di-tert-butyl...	17.76	3.7	ng/ul	810393	4	17.09	4360390	20.0
(DEL) Alkane: Str...	24.79	2.1	ng/ul	408949	6	23.51	3812760	20.0