

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102419\
 Data File : BM023396.D
 Acq On : 25 Oct 2019 05:25
 Operator : JU
 Sample : K5403-08
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BFB97

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:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.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	3.087	13	17	25	rVB	1268115	1276329	19.86%	2.897%
2	3.393	66	69	70	rBV	46894	52082	0.81%	0.118%
3	3.416	70	73	82	rVB2	102838	123738	1.93%	0.281%
4	3.875	148	151	159	rVB3	62262	100120	1.56%	0.227%
5	3.993	168	171	175	rVB	35781	44426	0.69%	0.101%
6	4.516	258	260	266	rVB2	32482	38645	0.60%	0.088%
7	4.716	290	294	300	rVB	40803	61146	0.95%	0.139%
8	5.175	367	372	379	rVB	110532	171871	2.67%	0.390%
9	5.663	453	455	462	rVB5	26397	49155	0.76%	0.112%
10	5.928	496	500	505	rBV7	17671	24323	0.38%	0.055%
11	6.140	532	536	542	rVB	83857	129608	2.02%	0.294%
12	6.551	600	606	609	rBV8	10292	21820	0.34%	0.050%
13	6.628	613	619	622	rBV	39922	66518	1.04%	0.151%
14	6.739	634	638	642	rVB2	30456	41989	0.65%	0.095%
15	6.798	643	648	657	rVB3	33528	76754	1.19%	0.174%
16	6.875	657	661	666	rBV4	13920	24538	0.38%	0.056%
17	6.975	672	678	680	rBV5	8932	17886	0.28%	0.041%
18	7.034	684	688	693	rVB5	19614	31379	0.49%	0.071%
19	7.287	725	731	738	rVB4	40096	73516	1.14%	0.167%
20	7.463	756	761	764	rBV5	6824	13518	0.21%	0.031%
21	7.634	783	790	800	rBV	2311842	3553014	55.29%	8.066%
22	7.775	812	814	820	rVB5	14642	20114	0.31%	0.046%
23	7.845	822	826	829	rVB5	10826	12870	0.20%	0.029%
24	7.881	829	832	834	rBV4	11359	13669	0.21%	0.031%
25	8.004	847	853	860	rVB8	12637	28794	0.45%	0.065%
26	8.186	878	884	890	rVB8	20023	44072	0.69%	0.100%
27	8.281	897	900	903	rBV2	14620	19489	0.30%	0.044%
28	8.328	903	908	914	rVB3	13788	30558	0.48%	0.069%
29	8.522	936	941	945	rBV7	9597	18777	0.29%	0.043%
30	8.639	957	961	967	rVB7	11966	17592	0.27%	0.040%
31	8.745	971	979	983	rBV5	25306	53979	0.84%	0.123%
32	8.875	997	1001	1009	rVB4	29472	56345	0.88%	0.128%
33	8.963	1012	1016	1017	rBV3	10976	14100	0.22%	0.032%
34	8.992	1020	1021	1028	rVB5	17877	28134	0.44%	0.064%

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35	9.345	1080	1081	1086	rVB4	15098	14381	0.22%	0.033%
36	9.563	1114	1118	1123	rBV7	14990	23407	0.36%	0.053%
37	9.610	1123	1126	1129	rBV5	11576	16453	0.26%	0.037%
38	9.828	1157	1163	1165	rVV7	16715	21361	0.33%	0.048%
39	9.980	1183	1189	1192	rBV8	8932	17610	0.27%	0.040%
40	10.028	1192	1197	1202	rVB8	8482	16559	0.26%	0.038%
41	10.133	1209	1215	1218	rVB5	12656	20332	0.32%	0.046%
42	10.286	1234	1241	1248	rBV5	13372	33949	0.53%	0.077%
43	10.416	1254	1263	1269	rBV	2919057	4849280	75.46%	11.008%
44	10.469	1269	1272	1277	rVB	83147	119849	1.86%	0.272%
45	10.551	1283	1286	1291	rVB7	10369	15114	0.24%	0.034%
46	10.604	1291	1295	1300	rBV5	15532	23102	0.36%	0.052%
47	10.839	1328	1335	1337	rBV8	11280	16354	0.25%	0.037%
48	10.892	1340	1344	1345	rBV2	11744	13090	0.20%	0.030%
49	11.110	1376	1381	1390	rVB2	16093	37828	0.59%	0.086%
50	11.274	1402	1409	1410	rBV7	7241	12820	0.20%	0.029%
51	11.469	1437	1442	1450	rBV3	40295	91556	1.42%	0.208%
52	11.880	1507	1512	1513	rBV4	10394	14779	0.23%	0.034%
53	12.016	1530	1535	1538	rBV6	12249	20456	0.32%	0.046%
54	12.092	1543	1548	1552	rVB3	60875	102204	1.59%	0.232%
55	12.169	1556	1561	1568	rBV3	11658	28741	0.45%	0.065%
56	12.233	1568	1572	1576	rBV6	9548	17419	0.27%	0.040%
57	12.310	1580	1585	1591	rVV	44985	71484	1.11%	0.162%
58	12.645	1635	1642	1645	rBV9	10734	22973	0.36%	0.052%
59	12.721	1649	1655	1659	rVV8	24359	48135	0.75%	0.109%
60	12.786	1662	1666	1671	rVV7	13352	27647	0.43%	0.063%
61	12.839	1671	1675	1680	rVV	61560	86697	1.35%	0.197%
62	12.880	1680	1682	1688	rVB6	13409	25602	0.40%	0.058%
63	13.074	1711	1715	1718	rBV4	51209	79264	1.23%	0.180%
64	13.110	1718	1721	1723	rVB4	12079	15732	0.24%	0.036%
65	13.221	1737	1740	1746	rVB7	17365	26630	0.41%	0.060%
66	13.310	1750	1755	1758	rBV2	31576	46891	0.73%	0.106%
67	13.445	1774	1778	1780	rBV3	25465	41164	0.64%	0.093%
68	13.527	1789	1792	1794	rBV4	12502	15143	0.24%	0.034%
69	13.563	1794	1798	1801	rVV6	14405	26785	0.42%	0.061%
70	13.610	1801	1806	1810	rVV4	51150	94960	1.48%	0.216%
71	13.657	1810	1814	1819	rVV4	39780	67303	1.05%	0.153%

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72	13.710	1819	1823	1828	rVV4	72148	112838	1.76%	0.256%
73	13.798	1832	1838	1842	rVV	100449	172259	2.68%	0.391%
74	13.839	1842	1845	1853	rVB7	37857	81867	1.27%	0.186%
75	14.004	1869	1873	1881	rBV8	46179	110830	1.72%	0.252%
76	14.127	1890	1894	1898	rVB3	58890	70635	1.10%	0.160%
77	14.210	1903	1908	1912	rBV6	24572	50021	0.78%	0.114%
78	14.286	1913	1921	1928	rBV	3755900	5755877	89.56%	13.066%
79	14.615	1973	1977	1982	rBV6	35377	55506	0.86%	0.126%
80	14.686	1985	1989	1993	rBV2	62925	90144	1.40%	0.205%
81	14.833	2011	2014	2020	rVB6	65130	94259	1.47%	0.214%
82	14.957	2033	2035	2040	rVB5	49793	60755	0.95%	0.138%
83	15.021	2040	2046	2051	rBV10	32504	83166	1.29%	0.189%
84	15.086	2053	2057	2062	rVB3	72837	108023	1.68%	0.245%
85	15.339	2096	2100	2104	rBV	129906	175034	2.72%	0.397%
86	15.580	2136	2141	2146	rVB	142747	231774	3.61%	0.526%
87	16.057	2217	2222	2230	rVB2	409396	660733	10.28%	1.500%
88	16.345	2268	2271	2276	rVB	172688	220689	3.43%	0.501%
89	16.880	2358	2362	2366	rVB	306758	405436	6.31%	0.920%
90	17.033	2382	2388	2392	rBV2	3604692	5197783	80.88%	11.800%
91	17.074	2392	2395	2400	rVB	1292992	1686973	26.25%	3.830%
92	17.221	2416	2420	2424	rBV4	102367	179313	2.79%	0.407%
93	17.956	2541	2545	2549	rBV	227415	308884	4.81%	0.701%
94	18.109	2567	2571	2574	rVB4	504704	703064	10.94%	1.596%
95	18.168	2579	2581	2585	rVB	324595	337513	5.25%	0.766%
96	18.215	2585	2589	2593	rVB2	380624	517115	8.05%	1.174%
97	18.721	2672	2675	2682	rVB2	285968	476446	7.41%	1.082%
98	19.098	2735	2739	2745	rVB	1949964	2691207	41.88%	6.109%
99	21.227	3097	3101	3105	rVB	3595435	4412167	68.66%	10.016%
100	23.427	3470	3475	3485	rVB	3412196	6426529	100.00%	14.589%

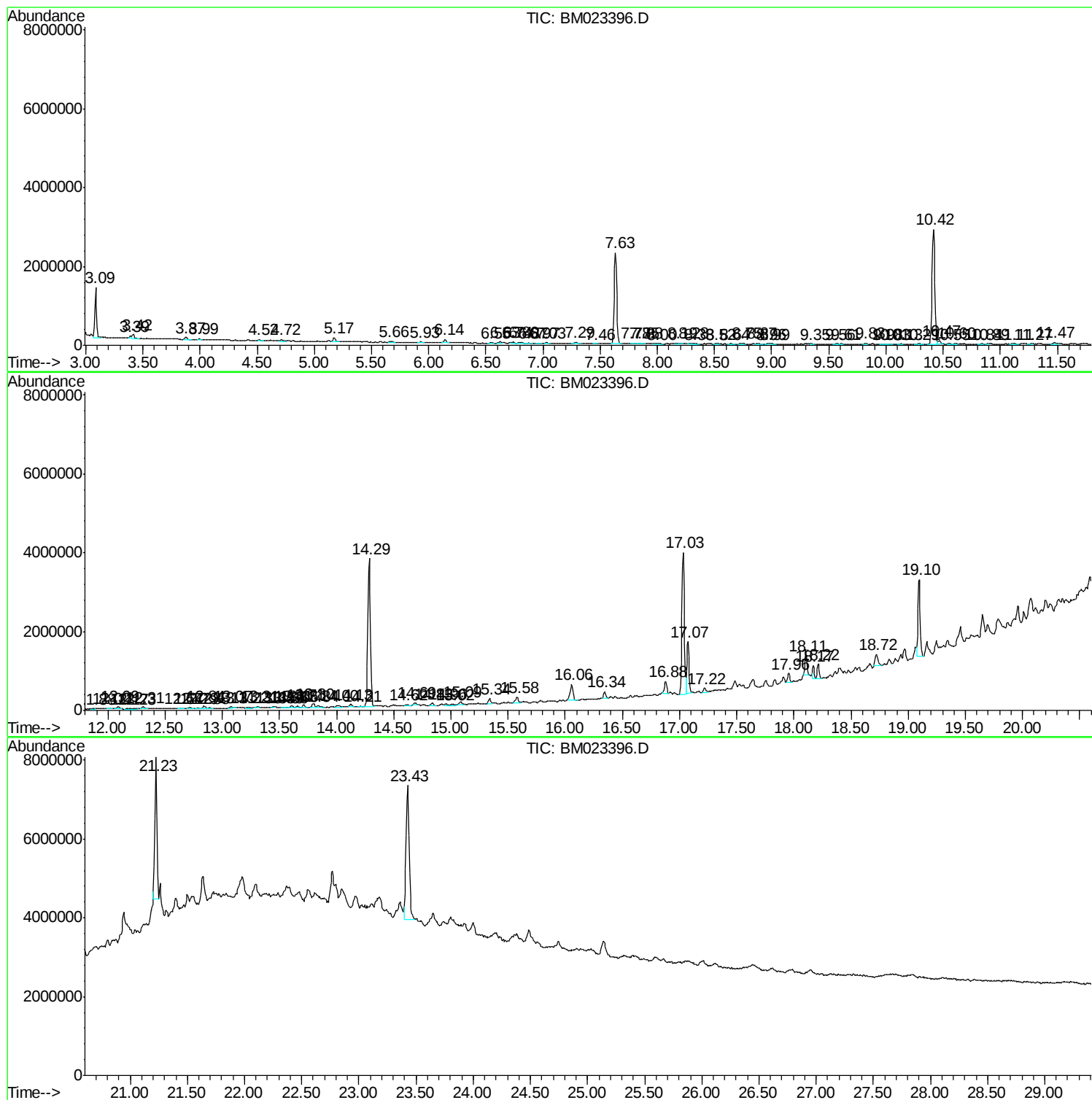
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION

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



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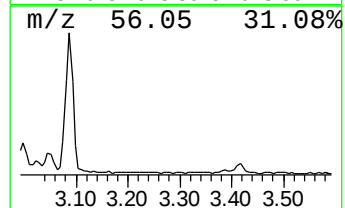
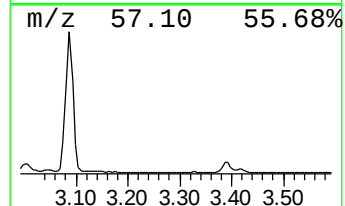
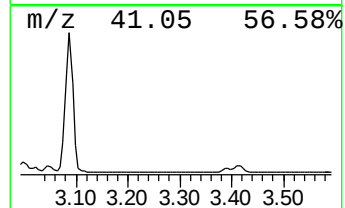
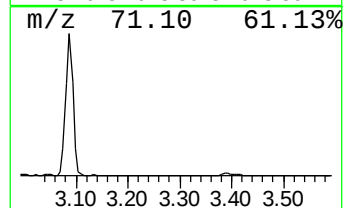
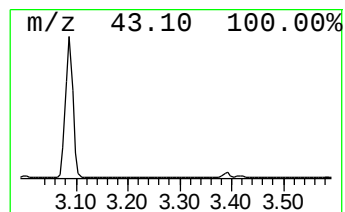
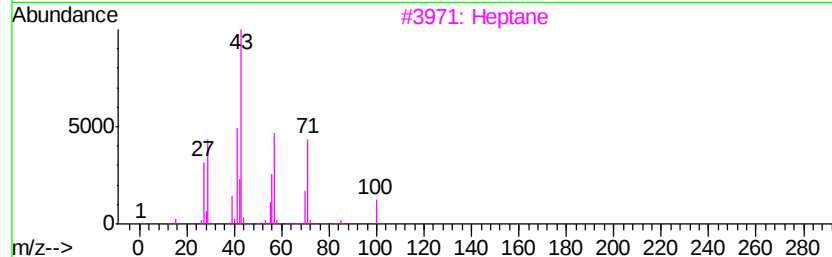
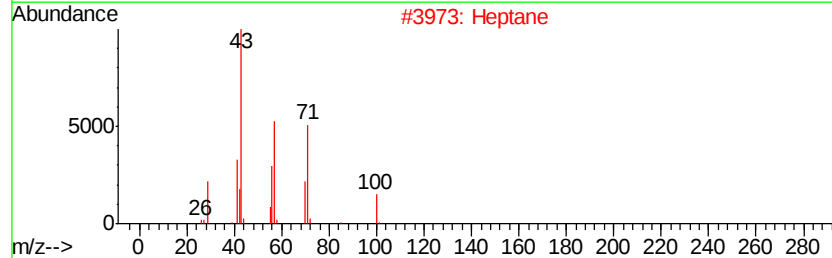
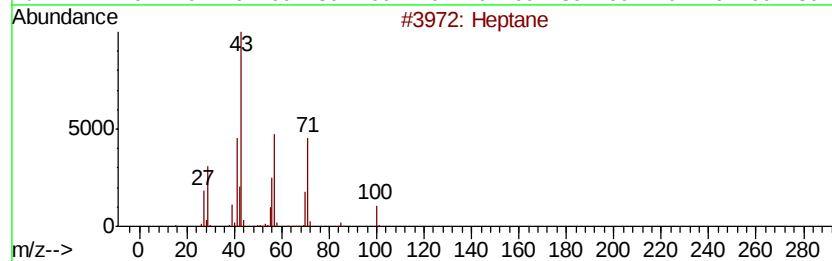
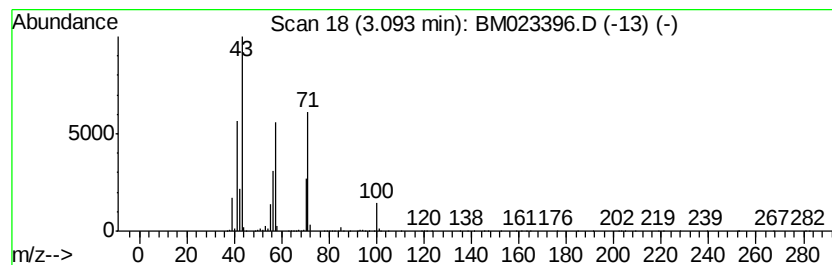
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.09	7.18 ng/ul	1276330	1,4-Dichlorobenzene-d4	7.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptane	100	C7H16	000142-82-5	94
2		Heptane	100	C7H16	000142-82-5	91
3		Heptane	100	C7H16	000142-82-5	90
4		Heptane	100	C7H16	000142-82-5	83
5		2-Butanone, 3,3-dimethyl-	100	C6H12O	000075-97-8	43



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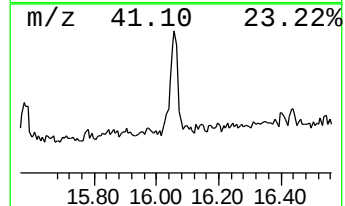
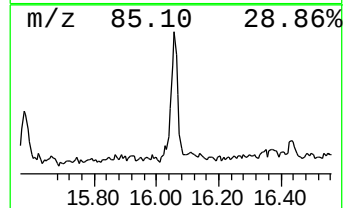
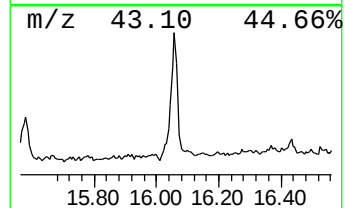
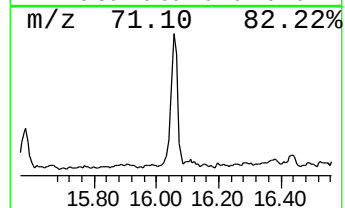
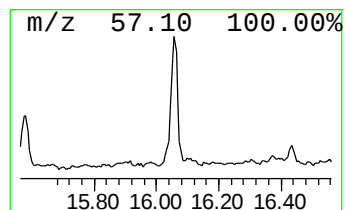
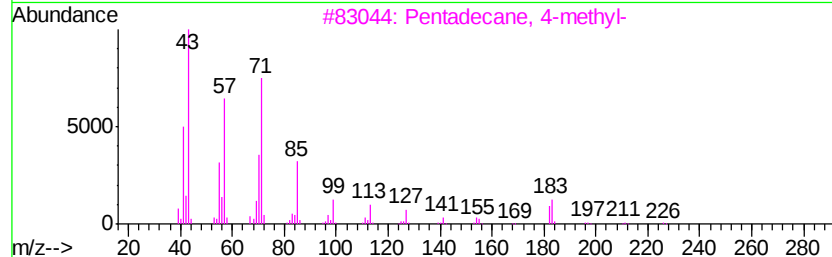
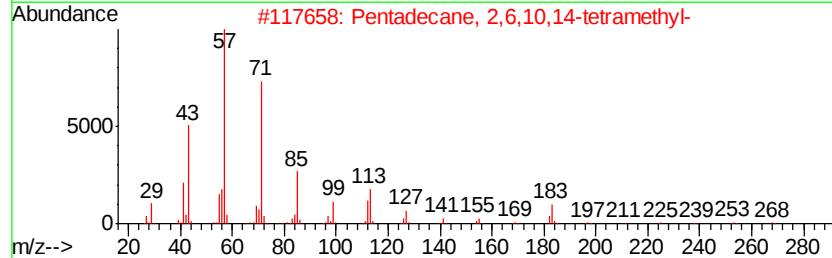
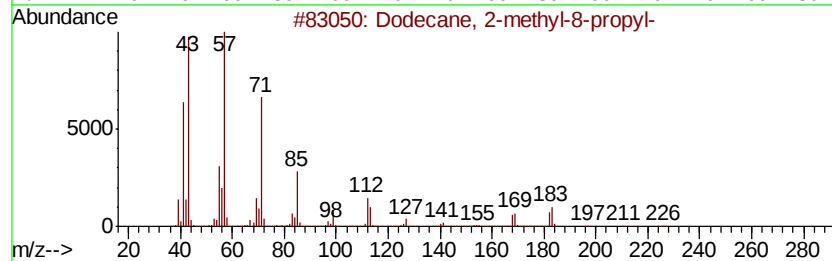
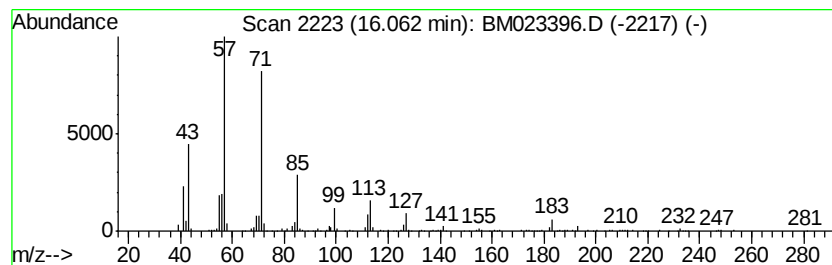
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.06	2.54 ng/ul	660733	Phenanthrene-d10	17.03

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 2-methyl-8-propyl-	226	C16H34	055045-07-3	87
2		Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	86
3		Pentadecane, 4-methyl-	226	C16H34	002801-87-8	74
4		Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	72
5		Tridecane, 4-methyl-	198	C14H30	026730-12-1	72



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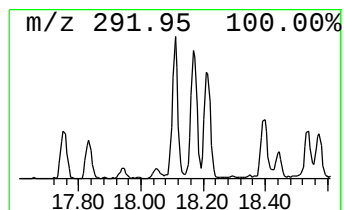
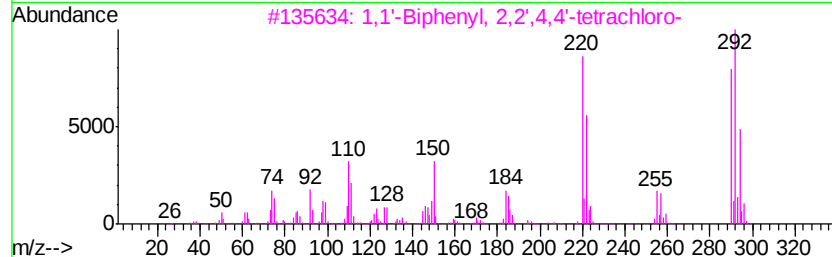
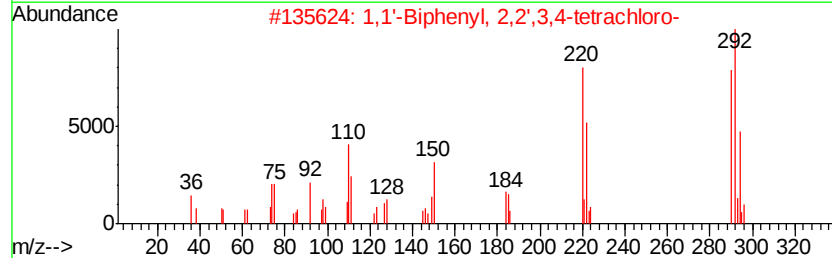
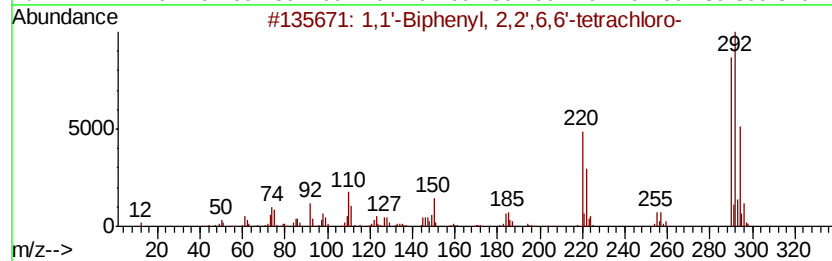
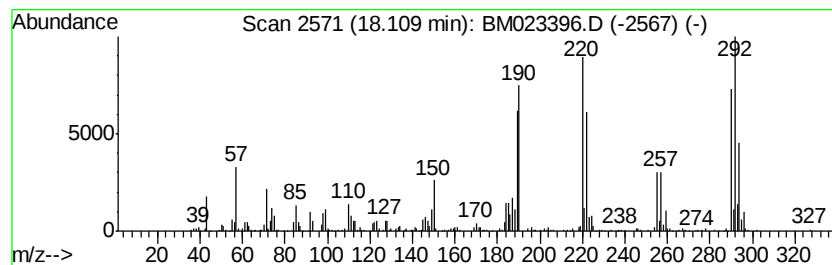
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Quant Title : SVOA CALIBRATION

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

Peak Number 3 1,1'-Biphenyl, 2,2',6,6'-te... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.11	2.71 ng/ul	703064	Phenanthrene-d10	17.03

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,1'-Biphenyl, 2,2',6,6'-tetrach...	290	C12H6Cl4	015968-05-5	99
2		1,1'-Biphenyl, 2,2',3,4-tetrachl...	290	C12H6Cl4	052663-59-9	99
3		1,1'-Biphenyl, 2,2',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	99
4		2,3,3',6-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	074472-33-6	97
5		1,1'-Biphenyl, 2,2',3,4'-tetrach...	290	C12H6Cl4	036559-22-5	97



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
(DEL) Alkane: Str...	3.09	7.2	ng/ul	1276330	1	7.63	3553010	20.0
(DEL) Alkane: Str...	16.06	2.5	ng/ul	660733	4	17.03	5197780	20.0
1,1'-Biphenyl, 2,...	18.11	2.7	ng/ul	703064	4	17.03	5197780	20.0