

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM041521\
 Data File : BM029510.D
 Acq On : 15 Apr 2021 19:18
 Operator : CG/JU
 Sample : M1959-11
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0B58

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-BM040721MA.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	2.934	6	8	17	rVB	125735	138677	6.74%	1.118%
2	3.016	19	22	24	rVV	31817	34194	1.66%	0.276%
3	3.040	24	26	28	rVV	15162	15339	0.75%	0.124%
4	3.063	28	30	33	rVV2	20985	23520	1.14%	0.190%
5	3.105	33	37	47	rVB	2063997	2058295	100.00%	16.595%
6	3.405	84	88	89	rBV2	7766	8242	0.40%	0.066%
7	3.434	89	93	100	rVB	65477	78059	3.79%	0.629%
8	3.522	104	108	111	rBV6	4339	5817	0.28%	0.047%
9	3.810	154	157	164	rVB4	5835	7176	0.35%	0.058%
10	3.904	169	173	180	rBV3	10761	16897	0.82%	0.136%
11	4.081	201	203	206	rVV4	3618	3973	0.19%	0.032%
12	4.110	206	208	213	rVB6	2976	4199	0.20%	0.034%
13	4.440	260	264	270	rVB3	8541	12314	0.60%	0.099%
14	4.646	297	299	304	rVB6	2239	2456	0.12%	0.020%
15	4.740	313	315	319	rVB3	3095	2488	0.12%	0.020%
16	4.799	322	325	329	rBV5	2870	3832	0.19%	0.031%
17	4.846	329	333	339	rBV5	3768	4792	0.23%	0.039%
18	5.134	375	382	383	rBV6	2476	4231	0.21%	0.034%
19	5.498	439	444	451	rVB6	2728	6835	0.33%	0.055%
20	5.598	458	461	466	rBV5	2003	4102	0.20%	0.033%
21	5.710	476	480	481	rBV3	1586	2140	0.10%	0.017%
22	5.957	518	522	526	rBV6	3611	5677	0.28%	0.046%
23	6.181	557	560	566	rVB3	3094	4401	0.21%	0.035%
24	6.245	566	571	575	rBV7	1776	3195	0.16%	0.026%
25	6.434	599	603	607	rVB5	1609	2615	0.13%	0.021%
26	6.845	671	673	678	rVB5	2691	2560	0.12%	0.021%
27	7.675	807	814	823	rBV	495465	776155	37.71%	6.258%
28	9.251	1076	1082	1087	rVB5	1434	2298	0.11%	0.019%
29	10.316	1257	1263	1264	rBV4	1698	2353	0.11%	0.019%
30	10.451	1279	1286	1301	rVV	630987	1082885	52.61%	8.731%
31	10.586	1303	1309	1313	rVB6	2380	4509	0.22%	0.036%
32	10.722	1328	1332	1335	rVB5	2782	4083	0.20%	0.033%
33	10.922	1363	1366	1372	rVB5	4133	5909	0.29%	0.048%
34	11.139	1398	1403	1404	rBV4	2335	3008	0.15%	0.024%

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35	11.222	1414	1417	1420	rBV3	2177	2968	0.14%	0.024%
36	13.151	1742	1745	1751	rVB6	2726	3163	0.15%	0.026%
37	13.404	1785	1788	1792	rVB4	1646	2329	0.11%	0.019%
38	13.927	1873	1877	1878	rVB4	1820	2124	0.10%	0.017%
39	14.227	1924	1928	1933	rBV4	1931	2752	0.13%	0.022%
40	14.316	1936	1943	1951	rBV	976240	1445433	70.22%	11.654%
41	14.533	1976	1980	1982	rBV4	2744	3667	0.18%	0.030%
42	14.716	2007	2011	2012	rVB4	2274	2253	0.11%	0.018%
43	14.751	2012	2017	2018	rBV5	2573	4097	0.20%	0.033%
44	14.857	2029	2035	2038	rBV6	1940	3007	0.15%	0.024%
45	15.033	2061	2065	2070	rVB8	2150	4249	0.21%	0.034%
46	15.368	2119	2122	2124	rBV3	2273	2879	0.14%	0.023%
47	15.592	2153	2160	2164	rBV10	4064	9716	0.47%	0.078%
48	15.668	2169	2173	2174	rBV4	2091	2394	0.12%	0.019%
49	17.057	2403	2409	2414	rBV	1165777	1641531	79.75%	13.235%
50	17.662	2508	2512	2519	rVB	56251	83648	4.06%	0.674%
51	17.904	2551	2553	2559	rVB6	25034	30890	1.50%	0.249%
52	18.127	2587	2591	2596	rBV2	65882	84896	4.12%	0.684%
53	18.186	2598	2601	2605	rVB2	50892	63657	3.09%	0.513%
54	18.227	2606	2608	2617	rVB9	23563	32200	1.56%	0.260%
55	18.415	2636	2640	2644	rBV2	48983	69374	3.37%	0.559%
56	18.592	2666	2670	2673	rBV3	43961	58980	2.87%	0.476%
57	18.898	2720	2722	2728	rVB4	39237	45537	2.21%	0.367%
58	18.986	2733	2737	2742	rVB3	87572	130559	6.34%	1.053%
59	19.262	2781	2784	2790	rVB5	64779	83840	4.07%	0.676%
60	19.392	2803	2806	2810	rVB	163228	175993	8.55%	1.419%
61	19.509	2824	2826	2833	rVB3	38377	56100	2.73%	0.452%
62	19.833	2878	2881	2885	rBV6	39568	49704	2.41%	0.401%
63	19.968	2901	2904	2908	rBV3	114529	143365	6.97%	1.156%
64	20.250	2948	2952	2956	rBV	154854	177327	8.62%	1.430%
65	20.439	2981	2984	2988	rVB	152278	163681	7.95%	1.320%
66	20.503	2992	2995	2998	rVV	90261	92982	4.52%	0.750%
67	20.715	3027	3031	3034	rBV6	69914	89525	4.35%	0.722%
68	20.968	3071	3074	3082	rVB3	99224	167987	8.16%	1.354%
69	21.233	3114	3119	3123	rBV	1233022	1594021	77.44%	12.852%
70	21.397	3144	3147	3151	rBV	121562	127503	6.19%	1.028%
71	23.444	3489	3495	3505	rVB2	706242	1411272	68.57%	11.379%

LSC Area Percent Report

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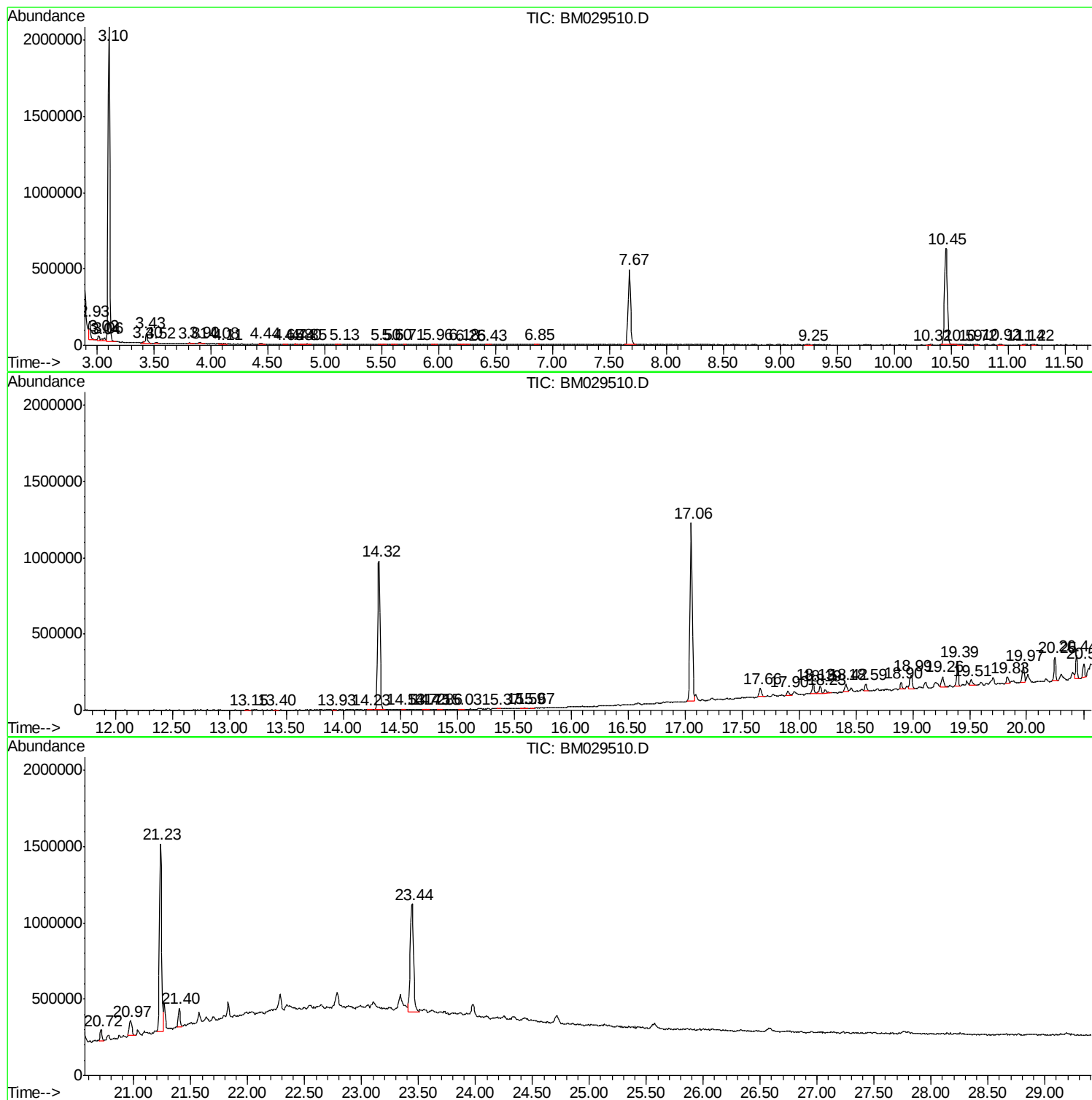
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM040721MA.M
Quant Title : SVOA CALIBRATION

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



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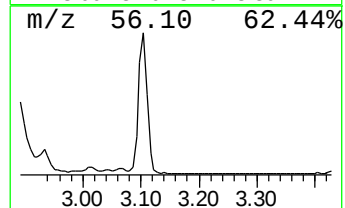
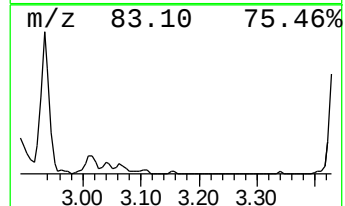
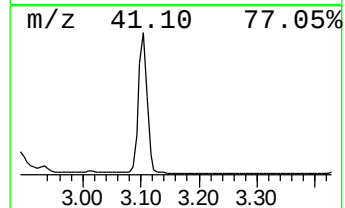
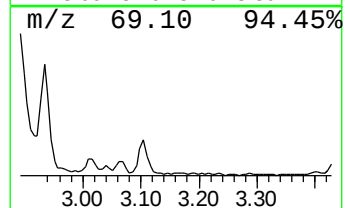
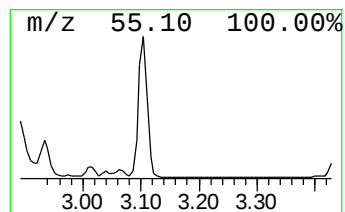
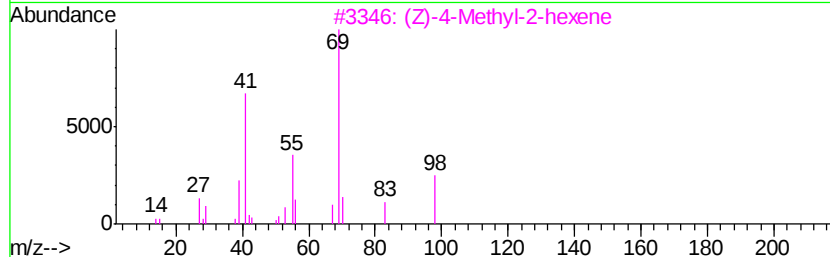
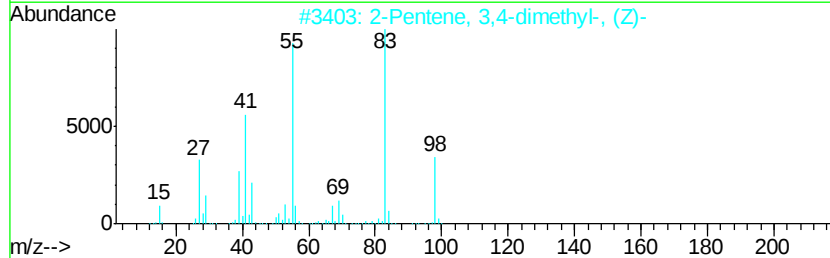
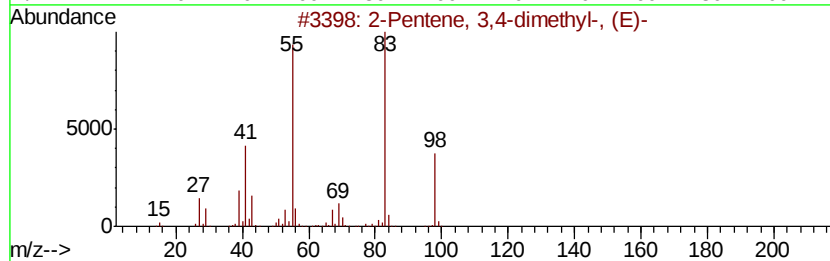
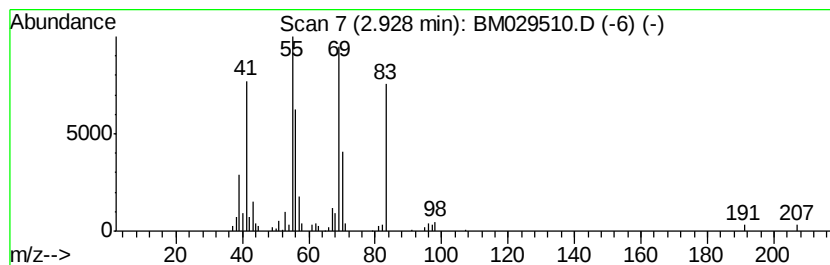
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.93	3.57 ng/ul	138677	1,4-Dichlorobenzene-d4	7.67

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentene, 3,4-dimethyl-, (E)-	98	C7H14	004914-92-5	38
2			2-Pentene, 3,4-dimethyl-, (Z)-	98	C7H14	004914-91-4	35
3			(Z)-4-Methyl-2-hexene	98	C7H14	003683-19-0	35
4			2-Hexene, 3-methyl-, (Z)-	98	C7H14	010574-36-4	27
5			Phosphonous dibromide, cyclohexyl-	272	C6H11Br2P	086012-32-0	27



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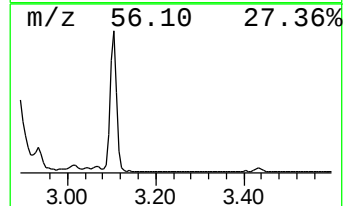
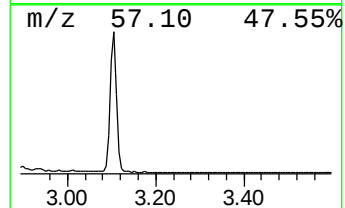
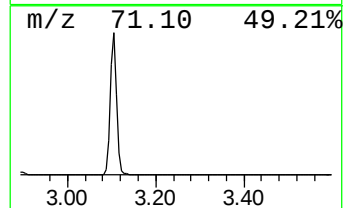
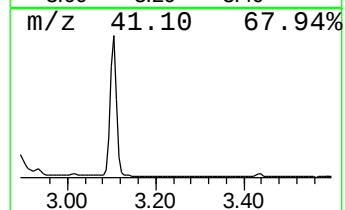
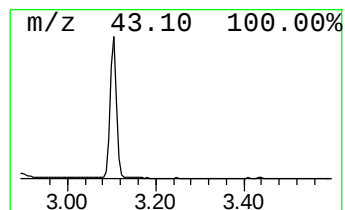
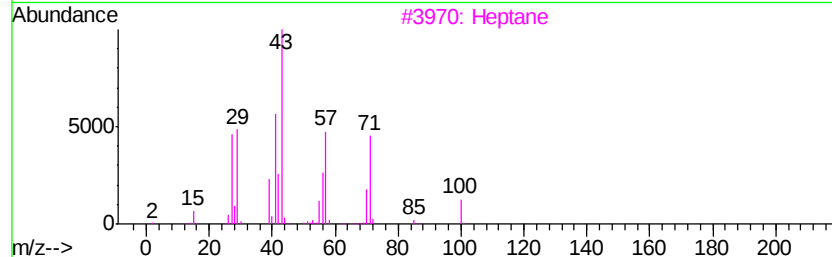
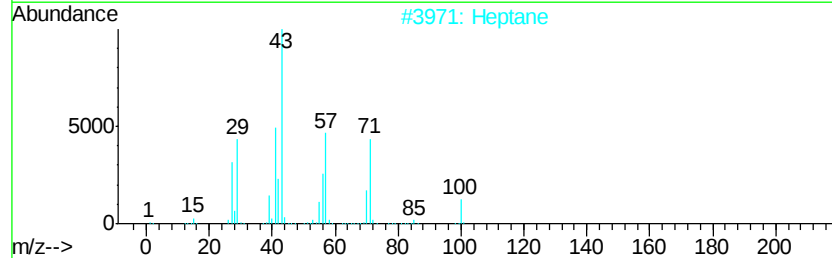
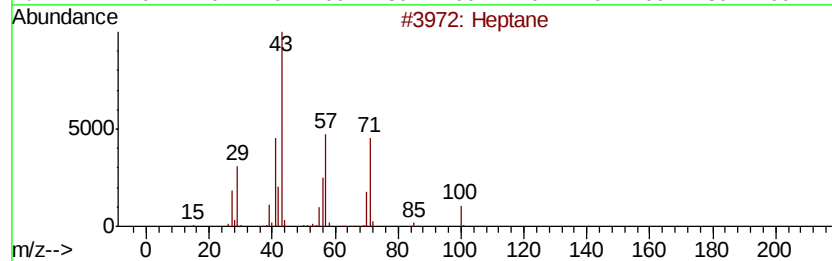
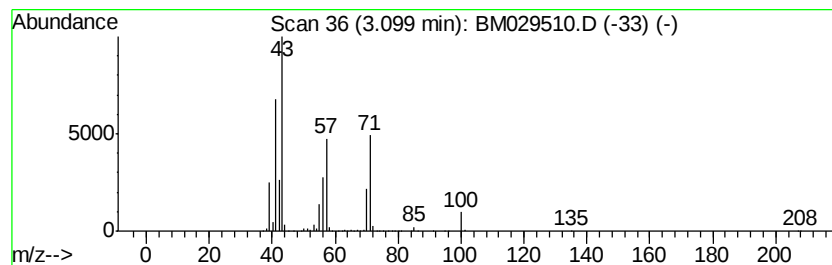
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.10	53.04 ng/ul	2058300	1,4-Dichlorobenzene-d4	7.67

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane		100	C7H16	000142-82-5	91
2	Heptane		100	C7H16	000142-82-5	91
3	Heptane		100	C7H16	000142-82-5	91
4	Heptane		100	C7H16	000142-82-5	80
5	Hexane, 3-methyl-		100	C7H16	000589-34-4	45



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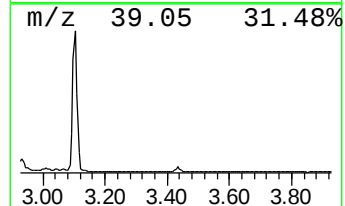
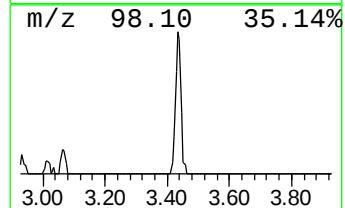
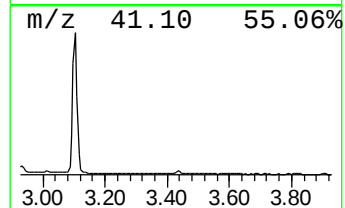
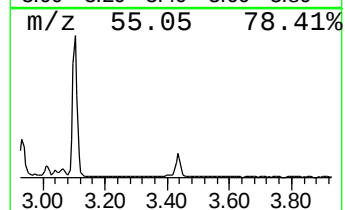
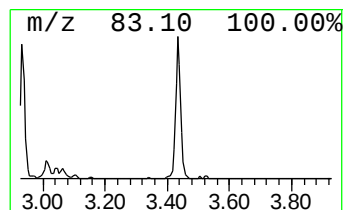
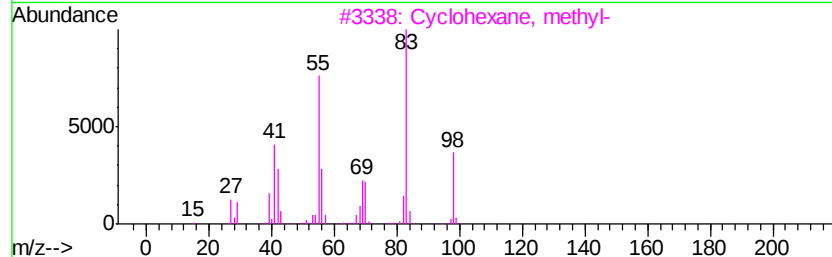
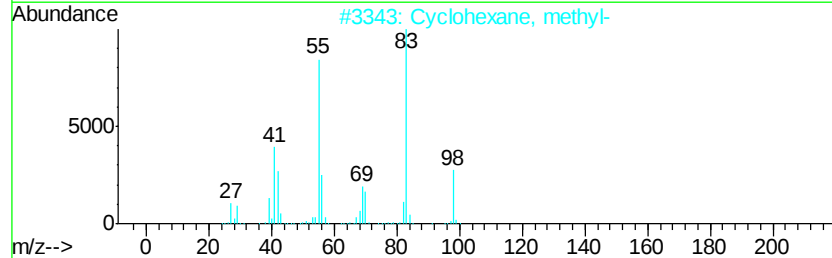
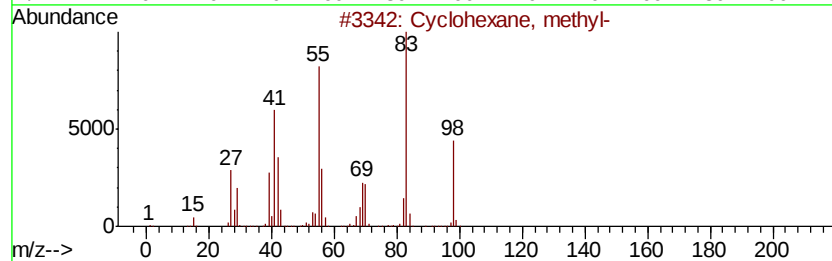
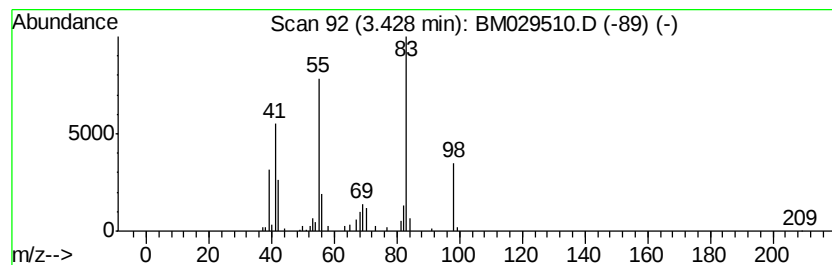
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 3 (DEL) Alkane: Cyclic3.43 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.43	2.01 ng/ul	78059	1,4-Dichlorobenzene-d4	7.67

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, methyl-	98	C7H14	000108-87-2	94
2		Cyclohexane, methyl-	98	C7H14	000108-87-2	91
3		Cyclohexane, methyl-	98	C7H14	000108-87-2	90
4		Cyclohexane, methyl-	98	C7H14	000108-87-2	76
5		2-Pentene, 2,4-dimethyl-	98	C7H14	000625-65-0	64



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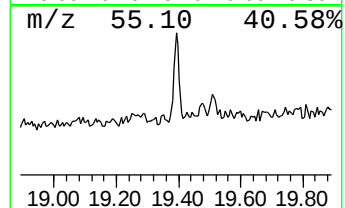
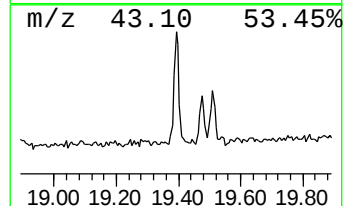
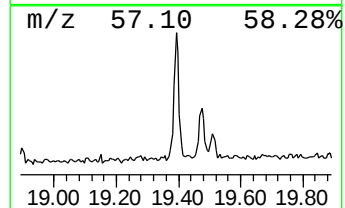
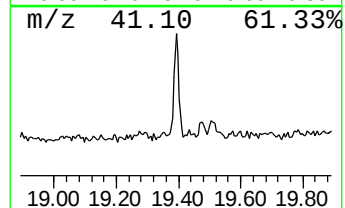
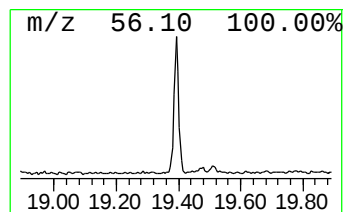
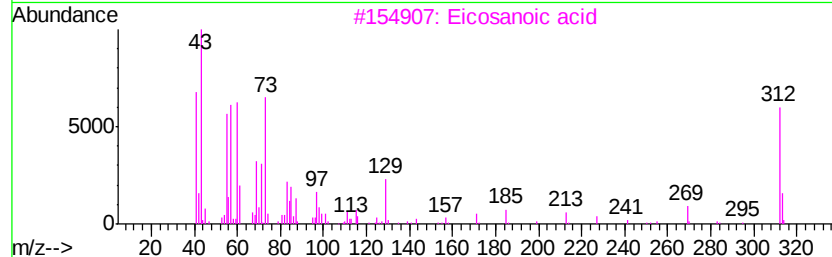
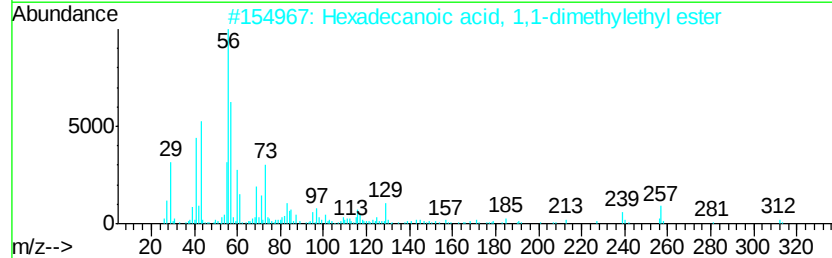
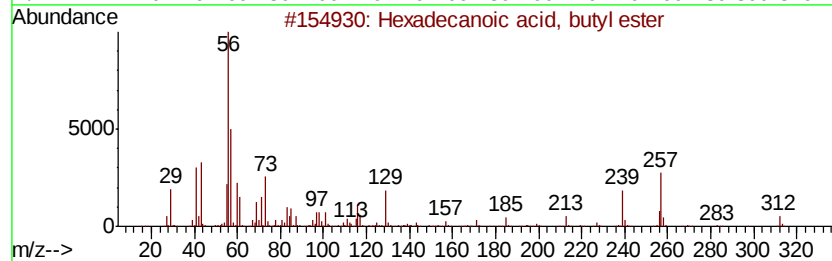
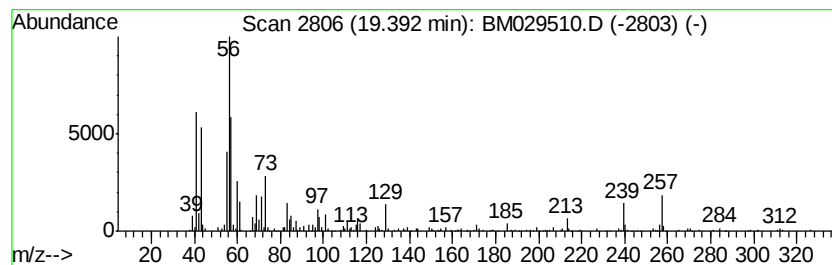
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM040721MA.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Hexadecanoic acid, butyl ester Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.39	2.21 ng/ul	175993	Chrysene-d12	21.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	90
2		Hexadecanoic acid, 1,1-dimethyle...	312	C20H40O2	031158-91-5	87
3		Eicosanoic acid	312	C20H40O2	000506-30-9	83
4		Eicosanoic acid	312	C20H40O2	000506-30-9	81
5		Butyl myristate	284	C18H36O2	000110-36-1	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM041521\
Data File : BM029510.D
Acq On : 15 Apr 2021 19:18
Operator : CG/JU
Sample : M1959-11
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0B58

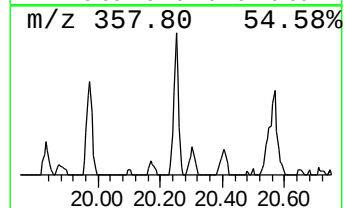
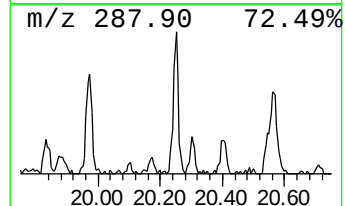
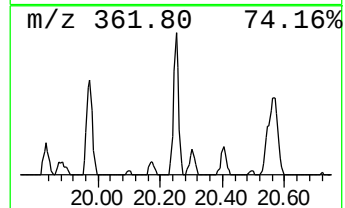
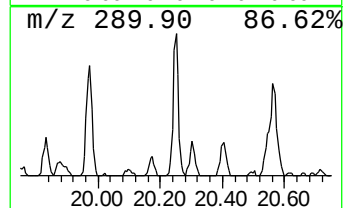
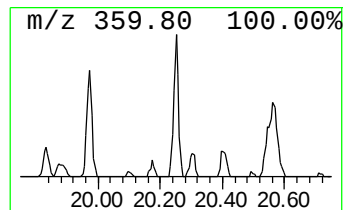
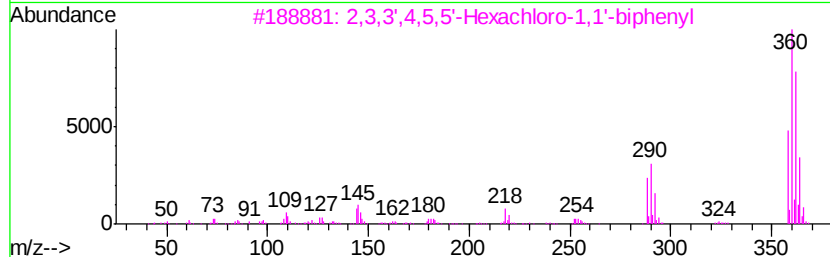
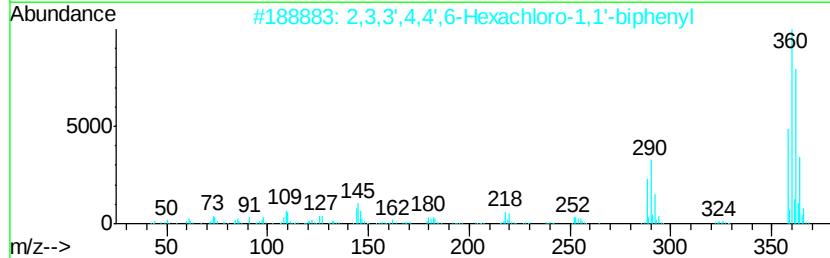
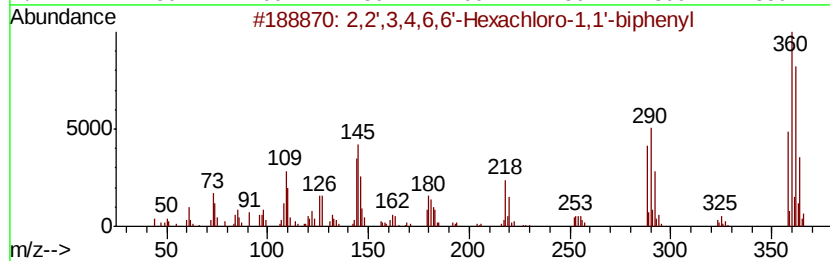
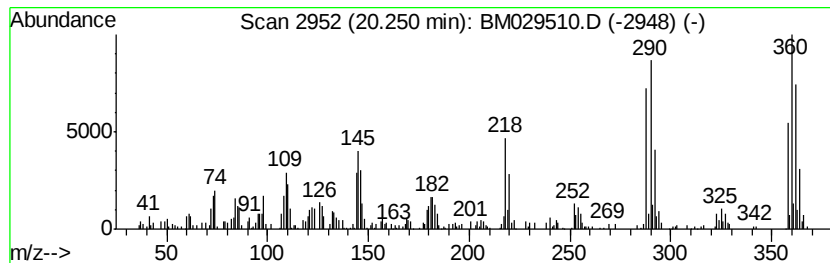
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 2,2',3,4,6,6'-Hexachloro-1,... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.25	2.22 ng/ul	177327	Chrysene-d12	21.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2,2',3,4,6,6'-Hexachloro-1,1'-bi...	358	C12H4Cl6	074472-40-5	99
2		2,3,3',4,4',6-Hexachloro-1,1'-bi...	358	C12H4Cl6	074472-42-7	99
3		2,3,3',4,5,5'-Hexachloro-1,1'-bi...	358	C12H4Cl6	039635-35-3	99
4		1,1'-Biphenyl, 2,3,3',4,4',5-hex...	358	C12H4Cl6	038380-08-4	99
5		2,3,3',4',5',6-Hexachloro-1,1'-b...	358	C12H4Cl6	074472-45-0	99



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Operator : CG/JU
Sample : M1959-11
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0B58

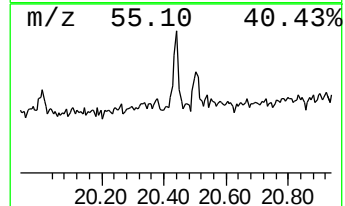
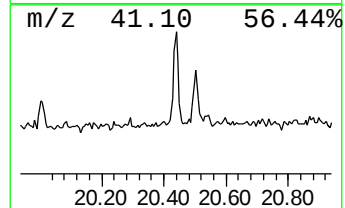
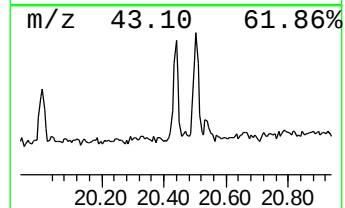
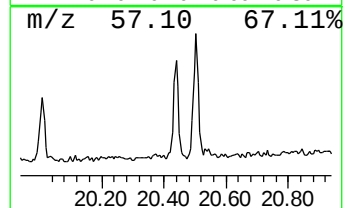
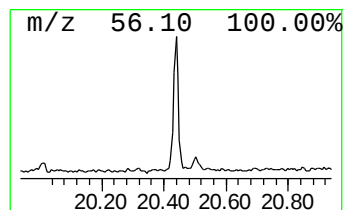
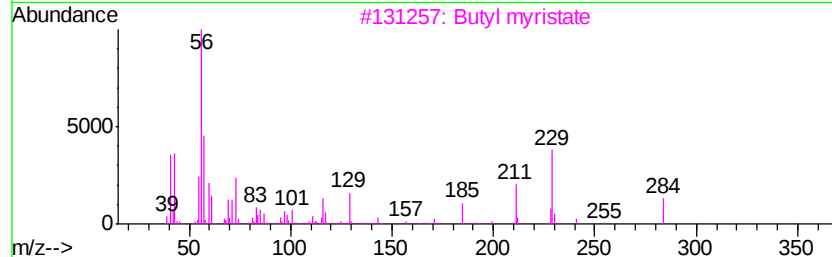
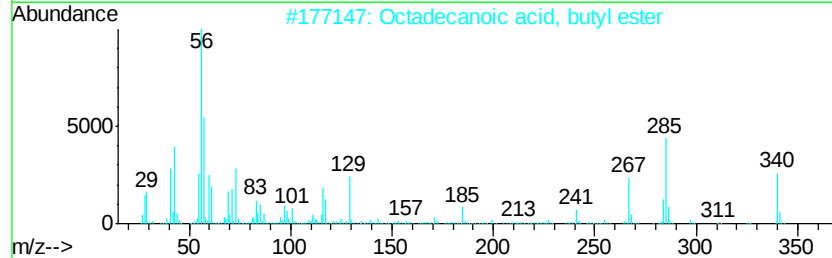
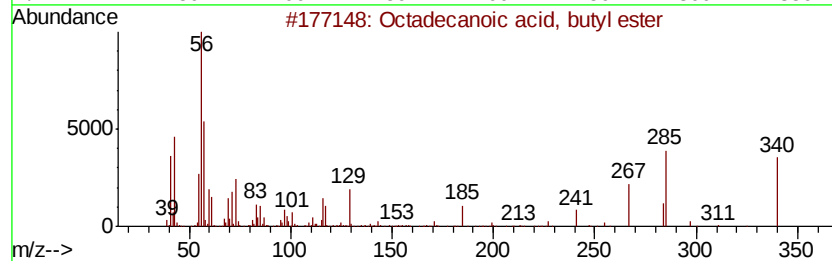
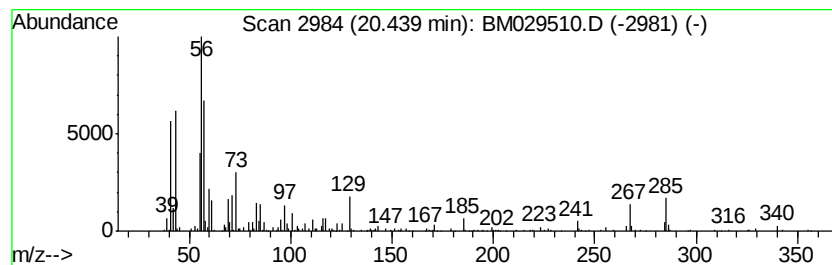
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 Octadecanoic acid, butyl ester Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.44	2.05 ng/ul	163681	Chrysene-d12	21.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid, butyl ester	340	C22H44O2	000123-95-5	93
2		Octadecanoic acid, butyl ester	340	C22H44O2	000123-95-5	90
3		Butyl myristate	284	C18H36O2	000110-36-1	80
4		Butyl 15-methylhexadecanoate	326	C21H42O2	1000336-52-4	59
5		Octadecanoic acid, 2-methylpropy...	340	C22H44O2	000646-13-9	41



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Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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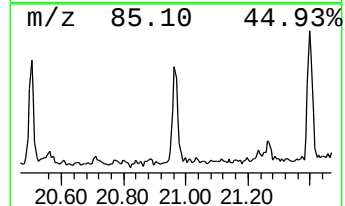
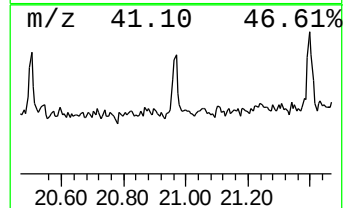
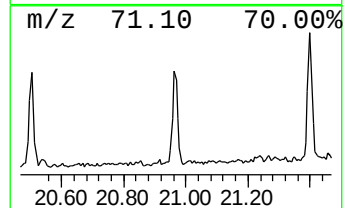
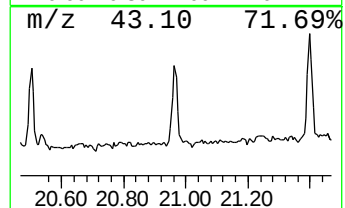
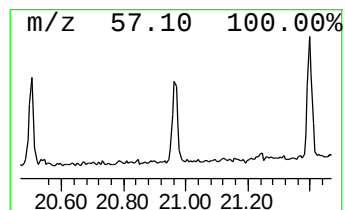
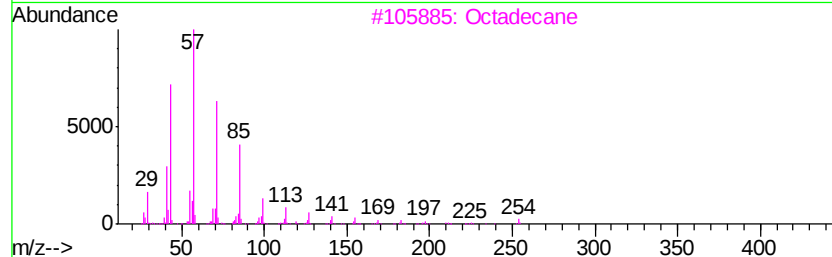
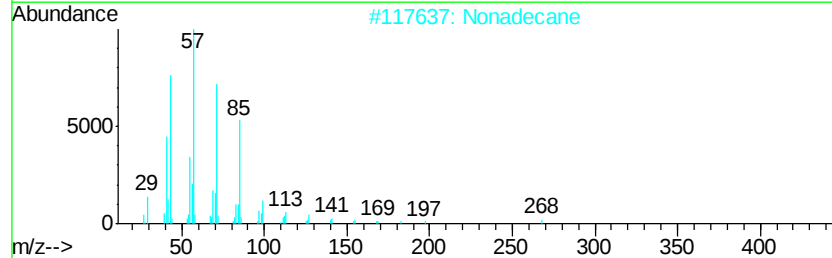
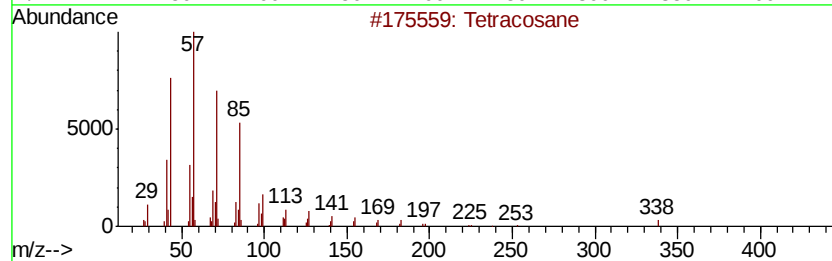
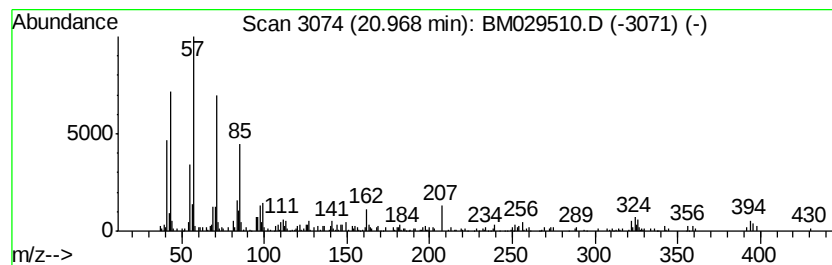
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.97	2.11 ng/ul	167987	Chrysene-d12	21.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetracosane	338	C24H50	000646-31-1	98
2		Nonadecane	268	C19H40	000629-92-5	95
3		Octadecane	254	C18H38	000593-45-3	92
4		2-Thiopheneacetic acid, 3-tridec...	324	C19H32O2S	1000280-66-7	86
5		Nonadecane	268	C19H40	000629-92-5	86



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ALS Vial : 45 Sample Multiplier: 1

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BNA_M
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Quant Title : SVOA CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
(DEL) Alkane: Str...	2.93	3.6	ng/ul	138677	1	7.67	776155	20.0
(DEL) Alkane: Str...	3.10	53.0	ng/ul	2058300	1	7.67	776155	20.0
(DEL) Alkane: Cyc...	3.43	2.0	ng/ul	78059	1	7.67	776155	20.0
Hexadecanoic acid...	19.39	2.2	ng/ul	175993	5	21.23	1594020	20.0
2,2',3,4,6,6'-Hex...	20.25	2.2	ng/ul	177327	5	21.23	1594020	20.0
Octadecanoic acid...	20.44	2.0	ng/ul	163681	5	21.23	1594020	20.0
(DEL) Alkane: Str...	20.97	2.1	ng/ul	167987	5	21.23	1594020	20.0