

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN052419\
 Data File : BN005902.D
 Acq On : 24 May 2019 22:19
 Operator : JU/SJ
 Sample : K2924-05
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4266

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_N\METHODS\SOM-EPA-BN051819MA.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	6.763	636	642	660	rBV	216704	513091	18.47%	1.958%
2	6.904	661	666	678	rVB	198853	324194	11.67%	1.237%
3	7.098	694	699	711	rBV	274735	480459	17.29%	1.834%
4	7.557	771	777	786	rBV	248572	448989	16.16%	1.714%
5	8.275	894	899	915	rBV	305283	644420	23.20%	2.460%
6	8.710	966	973	983	rBV	277869	514671	18.53%	1.965%
7	9.116	1040	1042	1045	rVB3	6692	6188	0.22%	0.024%
8	9.422	1088	1094	1110	rVB	216060	425898	15.33%	1.626%
9	9.975	1181	1188	1213	rBV	265019	694867	25.01%	2.652%
10	10.316	1239	1246	1256	rVB	395373	659059	23.72%	2.516%
11	10.475	1267	1273	1294	rBV	217887	565824	20.37%	2.160%
12	11.451	1432	1439	1462	rBV	105075	408462	14.70%	1.559%
13	11.881	1508	1512	1517	rBV4	7530	13242	0.48%	0.051%
14	11.963	1521	1526	1531	rBV3	3105	7250	0.26%	0.028%
15	13.616	1801	1807	1812	rBV	834665	1257455	45.26%	4.800%
16	13.663	1812	1815	1827	rVB	226501	348499	12.54%	1.330%
17	13.886	1846	1853	1867	rBV	912646	1363294	49.07%	5.204%
18	14.198	1899	1906	1921	rVB2	642749	1011522	36.41%	3.861%
19	14.492	1951	1956	1979	rBV2	99406	383565	13.81%	1.464%
20	14.675	1985	1987	1993	rVB6	7168	9331	0.34%	0.036%
21	15.069	2051	2054	2057	rVB2	3216	3524	0.13%	0.013%
22	15.198	2070	2076	2089	rVB	1108299	1763545	63.48%	6.732%
23	15.375	2102	2106	2116	rBV	137768	277846	10.00%	1.061%
24	15.445	2116	2118	2126	rVV3	12864	22114	0.80%	0.084%
25	15.933	2197	2201	2205	rVB2	3029	3098	0.11%	0.012%
26	15.986	2208	2210	2214	rVB2	5097	5138	0.18%	0.020%
27	16.339	2264	2270	2273	rBV3	1865	3100	0.11%	0.012%
28	16.727	2332	2336	2339	rBV2	1695	2800	0.10%	0.011%
29	16.957	2369	2375	2382	rVV	982051	1384621	49.84%	5.285%
30	17.057	2386	2392	2409	rVB2	1217261	1967202	70.81%	7.509%
31	17.874	2525	2531	2539	rVV4	39550	75345	2.71%	0.288%
32	17.945	2541	2543	2545	rVV3	6397	6855	0.25%	0.026%
33	17.968	2545	2547	2550	rVV3	3428	4319	0.16%	0.016%
34	18.033	2555	2558	2561	rBV3	2560	3455	0.12%	0.013%

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35	18.163	2577	2580	2583	rVB3	3118	2938	0.11%	0.011%
36	18.339	2605	2610	2615	rVB4	1910	3885	0.14%	0.015%
37	18.398	2615	2620	2623	rVB2	2440	3191	0.11%	0.012%
38	18.804	2685	2689	2695	rBV3	6702	9699	0.35%	0.037%
39	18.939	2708	2712	2713	rBV2	3054	3432	0.12%	0.013%
40	18.951	2713	2714	2720	rVB3	2776	3149	0.11%	0.012%
41	19.016	2720	2725	2729	rBV2	13244	22055	0.79%	0.084%
42	19.168	2747	2751	2756	rBV4	12547	21192	0.76%	0.081%
43	19.263	2762	2767	2772	rVB	10698	14741	0.53%	0.056%
44	19.327	2772	2778	2780	rBV4	7050	13444	0.48%	0.051%
45	19.374	2780	2786	2800	rVV	1822753	2652244	95.47%	10.124%
46	19.468	2800	2802	2807	rVB5	2529	3364	0.12%	0.013%
47	19.710	2841	2843	2848	rBV5	2359	3347	0.12%	0.013%
48	19.933	2873	2881	2885	rBV2	25363	35051	1.26%	0.134%
49	20.262	2934	2937	2942	rVV4	17541	21759	0.78%	0.083%
50	20.363	2951	2954	2956	rBV4	5631	5762	0.21%	0.022%
51	20.439	2963	2967	2971	rBV	28406	28509	1.03%	0.109%
52	20.880	3038	3042	3043	rBV4	5522	7164	0.26%	0.027%
53	20.915	3043	3048	3057	rVV2	99469	186658	6.72%	0.712%
54	21.198	3091	3096	3111	rBV	1205923	1803963	64.93%	6.886%
55	21.351	3118	3122	3126	rBV	60780	72611	2.61%	0.277%
56	21.786	3192	3196	3198	rBV	89231	116835	4.21%	0.446%
57	21.809	3198	3200	3218	rVB5	91248	207392	7.47%	0.792%
58	22.239	3268	3273	3278	rBV	137813	182374	6.56%	0.696%
59	22.727	3352	3356	3361	rVB	144019	186991	6.73%	0.714%
60	23.262	3440	3447	3458	rBV2	1490745	2778138	100.00%	10.604%
61	23.404	3464	3471	3483	rVB	834281	1704736	61.36%	6.507%
62	23.892	3549	3554	3562	rVB	127831	228112	8.21%	0.871%
63	24.609	3670	3676	3682	rVB	68614	129973	4.68%	0.496%
64	25.968	3903	3907	3915	rVB8	60480	142381	5.13%	0.543%

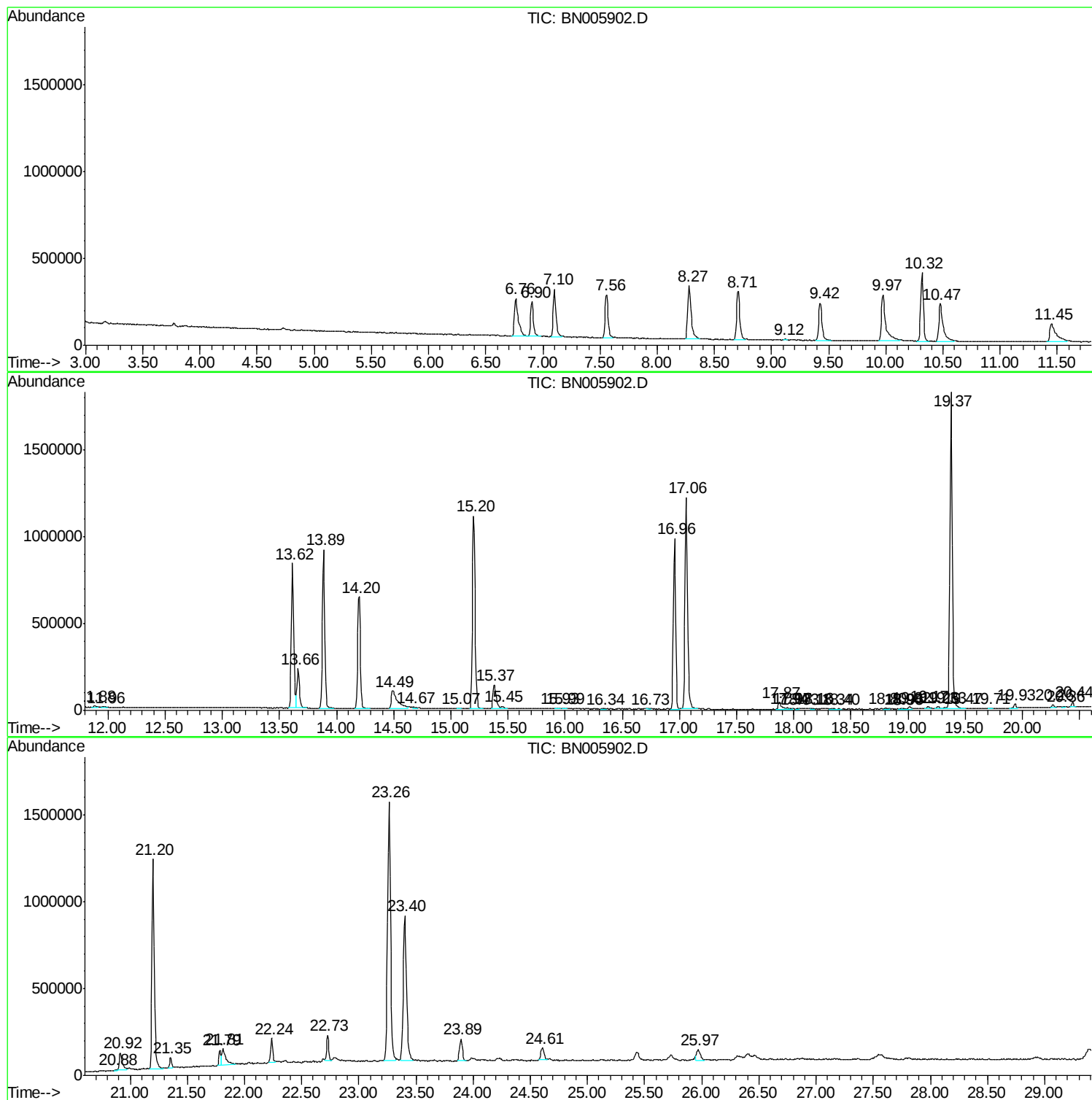
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Quant Title : SVOA CALIBRATION

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



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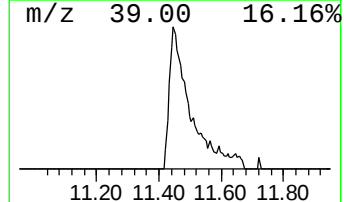
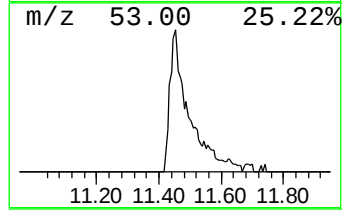
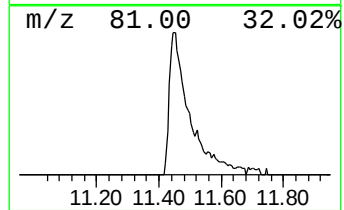
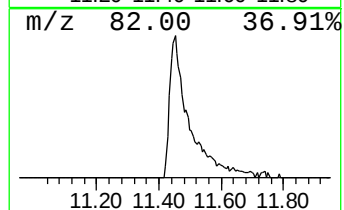
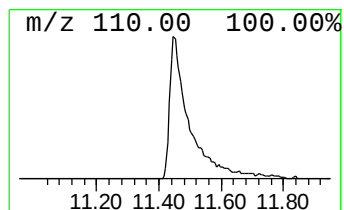
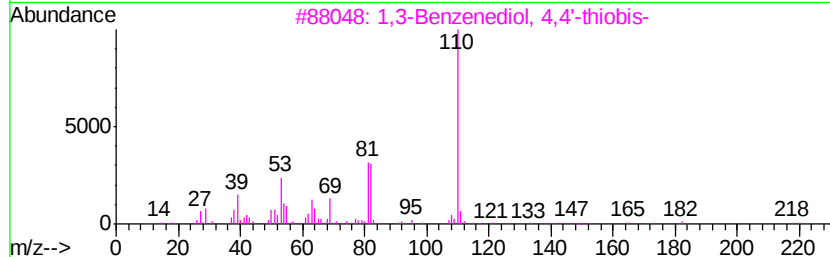
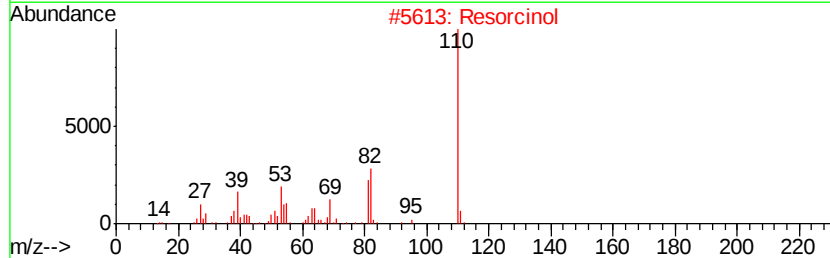
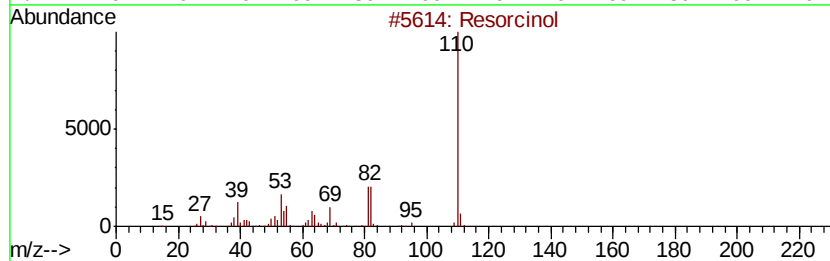
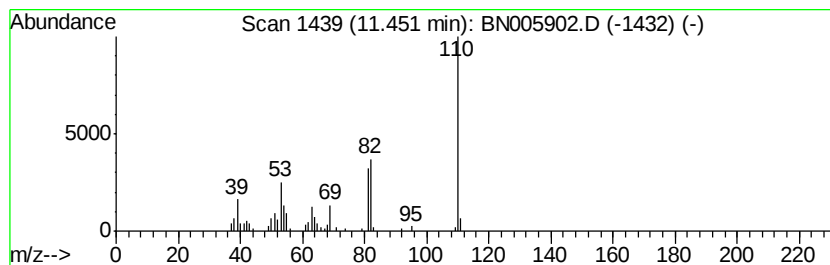
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN051819MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Resorcinol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.45	12.40 ng/ul	408462	Naphthalene-d8	10.32
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Resorcinol		110 C6H6O2	000108-46-3 95
2	Resorcinol		110 C6H6O2	000108-46-3 94
3	1,3-Benzenediol, 4,4'-thiobis-		250 C12H10O4S	000097-29-0 90
4	Resorcinol		110 C6H6O2	000108-46-3 83
5	Resorcinol		110 C6H6O2	000108-46-3 74



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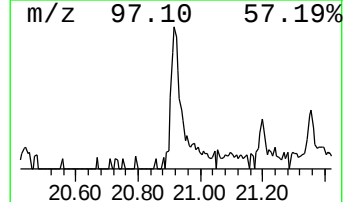
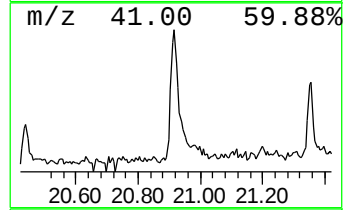
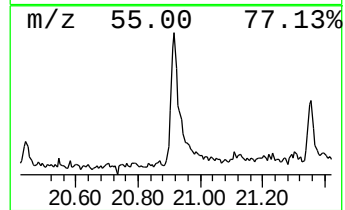
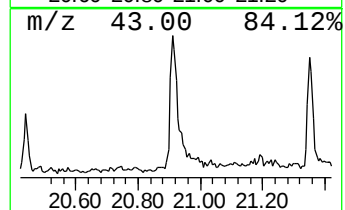
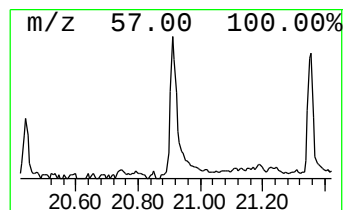
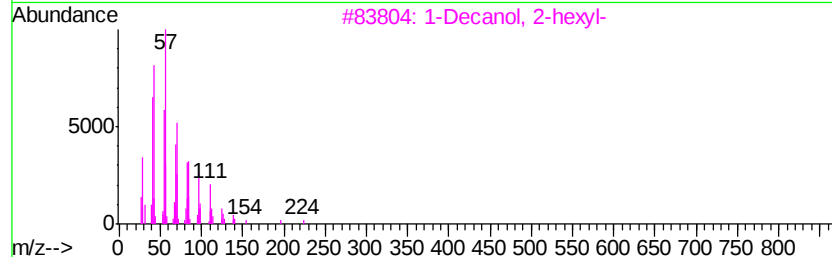
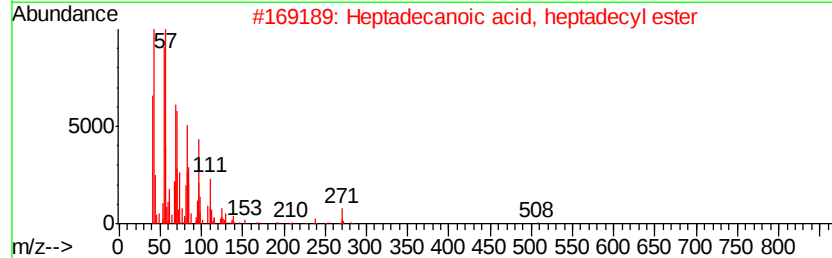
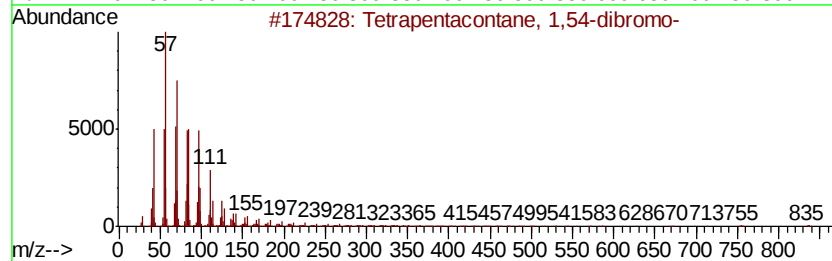
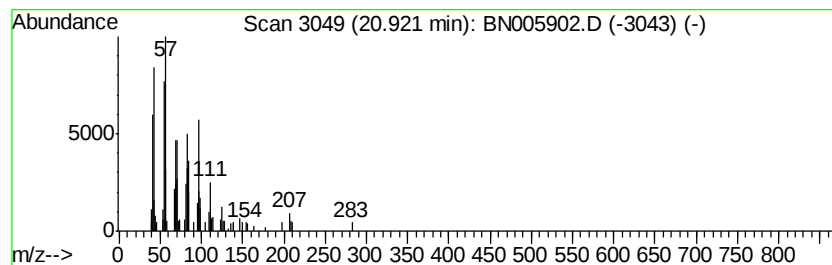
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN051819MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 Tetrapentacontane, 1,54-dib... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.92	2.07 ng/ul	186658	Chrysene-d12	21.20

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tetrapentacontane, 1,54-dibromo-	915	C54H108Br2	1000156-09-4	80
2		Heptadecanoic acid, heptadecyl e...	509	C34H68O2	036617-50-2	76
3		1-Decanol, 2-hexyl-	242	C16H34O	002425-77-6	74
4		Octadecane, 1-(ethenvloxy)-	296	C20H40O	000930-02-9	72
5		1-Decanol, 2-hexyl-	242	C16H34O	002425-77-6	68



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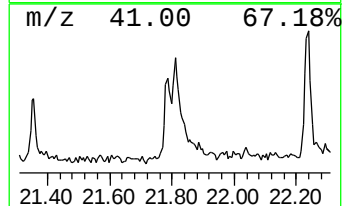
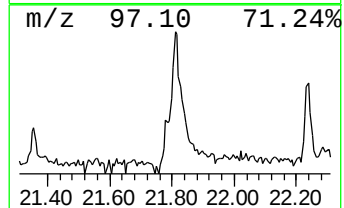
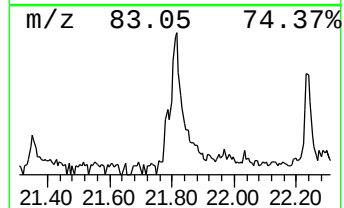
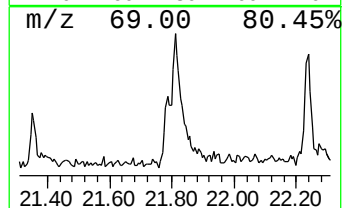
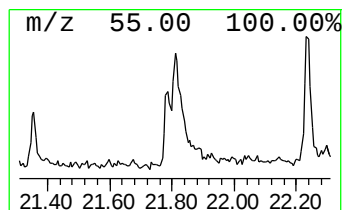
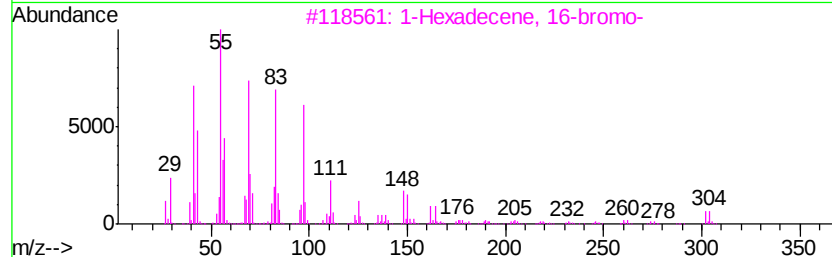
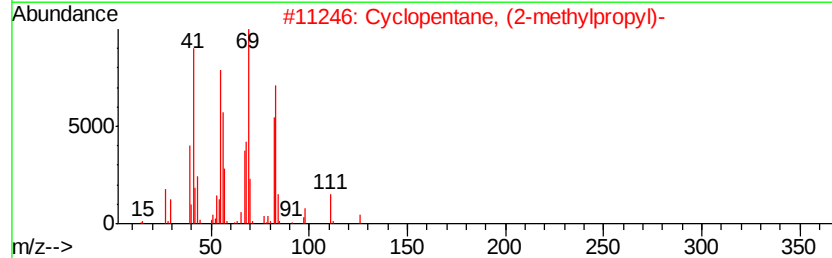
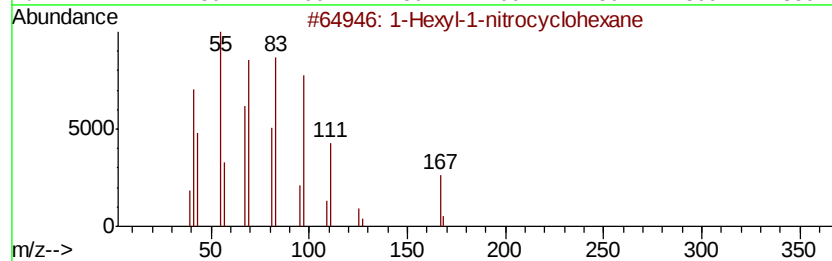
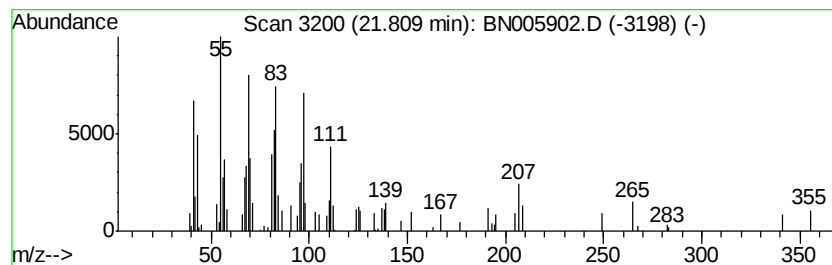
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 1-Hexyl-1-nitrocyclohexane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.		
21.81	2.30 ng/ul	207392	Chrysene-d12	21.20		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		1-Hexyl-1-nitrocyclohexane	213	C12H23NO2	118252-09-8	58
2		Cyclopentane, (2-methylpropyl)-	126	C9H18	003788-32-7	49
3		1-Hexadecene, 16-bromo-	302	C16H31Br	118625-56-2	47
4		12-Bromo-1-dodecanol	264	C12H25BrO	003344-77-2	47
5		Bicyclo[3.1.1]heptan-3-one, 2,6,...	152	C10H16O	015358-88-0	46



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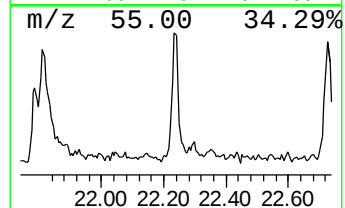
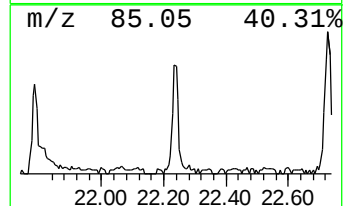
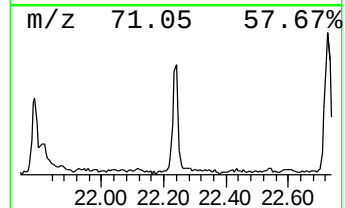
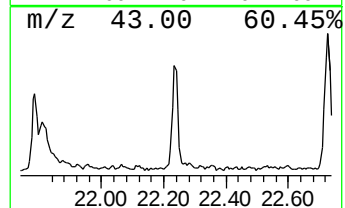
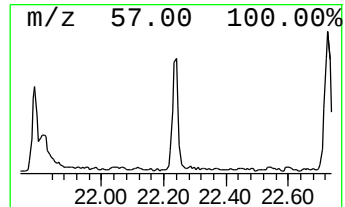
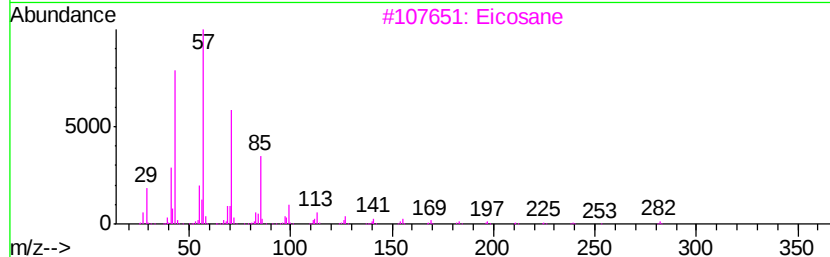
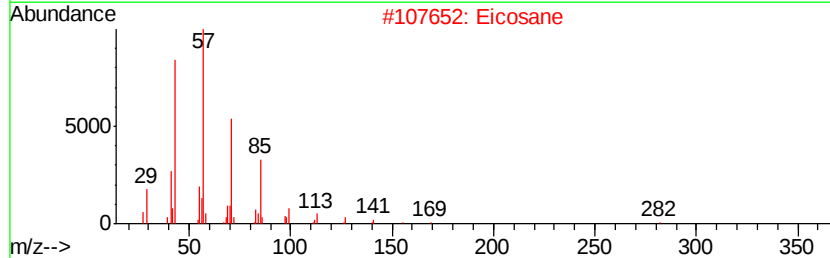
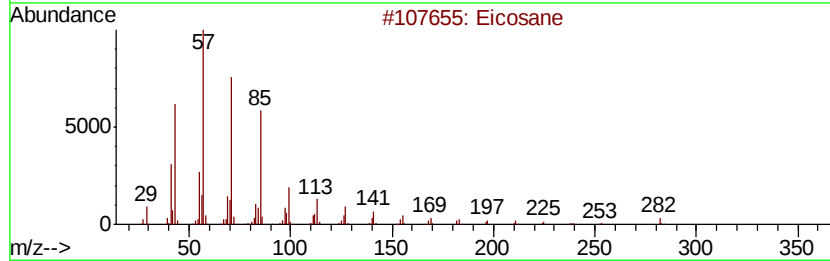
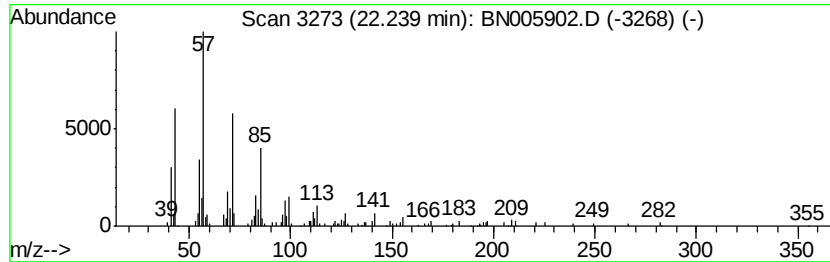
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.24	2.02 ng/ul	182374	Chrysene-d12	21.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	96
2		Eicosane	282	C20H42	000112-95-8	96
3		Eicosane	282	C20H42	000112-95-8	94
4		Tetratetracontane	619	C44H90	007098-22-8	93
5		Octacosane	394	C28H58	000630-02-4	90



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A4266

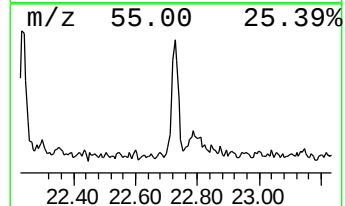
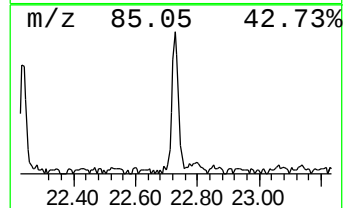
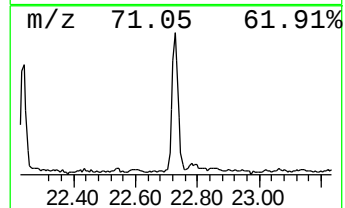
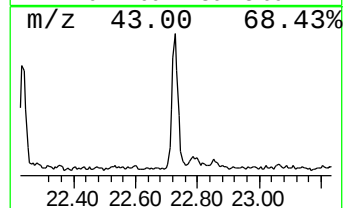
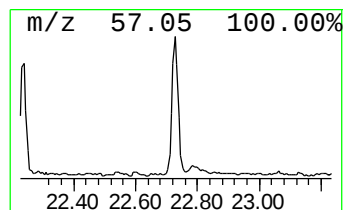
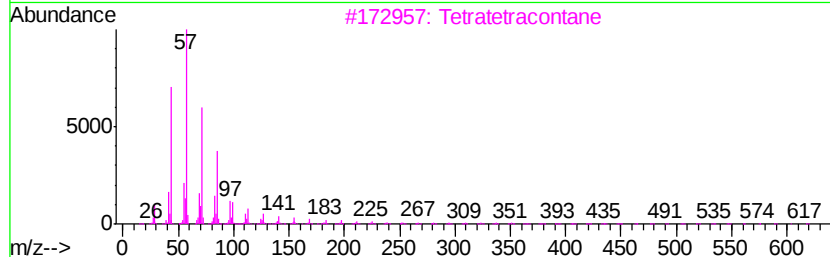
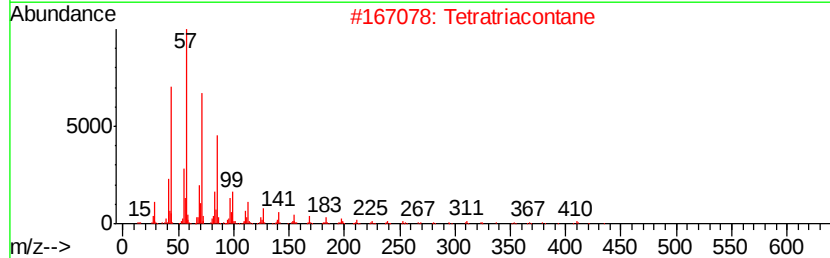
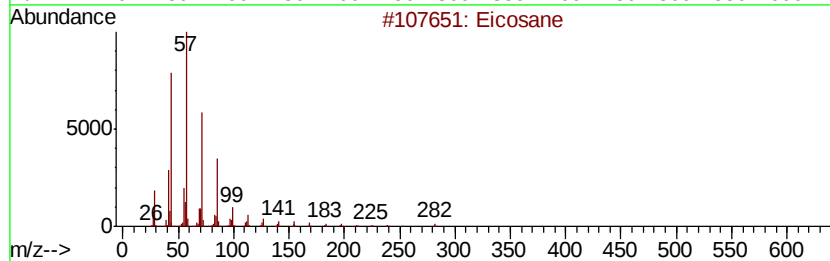
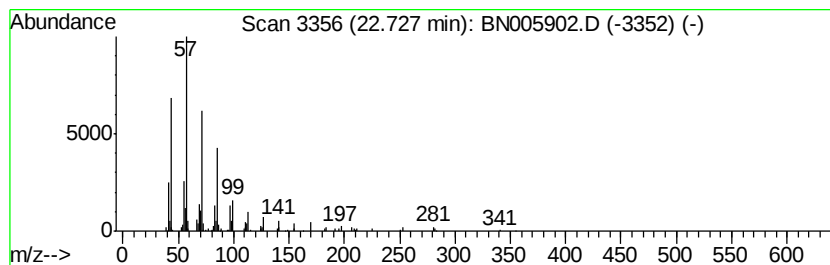
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.73	2.19 ng/ul	186991	Perylene-d12	23.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	96
2		Tetratriacontane	479	C34H70	014167-59-0	91
3		Tetratetracontane	619	C44H90	007098-22-8	91
4		Octacosane	394	C28H58	000630-02-4	91
5		Hentriacontane	437	C31H64	000630-04-6	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN052419\
Data File : BN005902.D
Acq On : 24 May 2019 22:19
Operator : JU/SJ
Sample : K2924-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4266

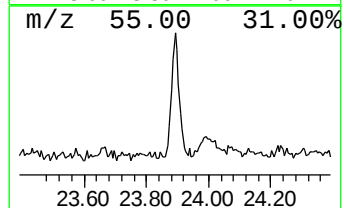
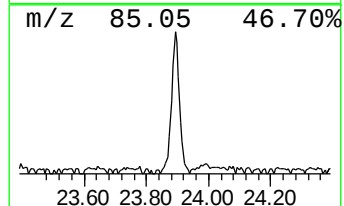
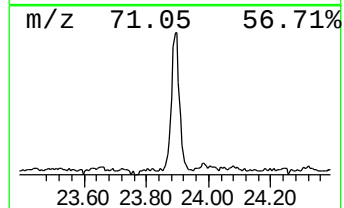
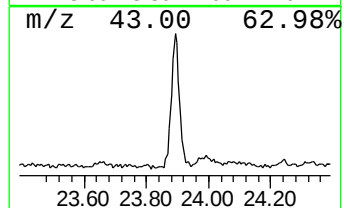
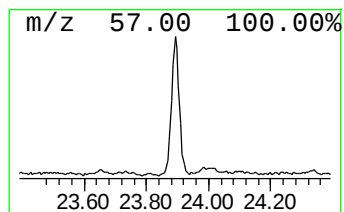
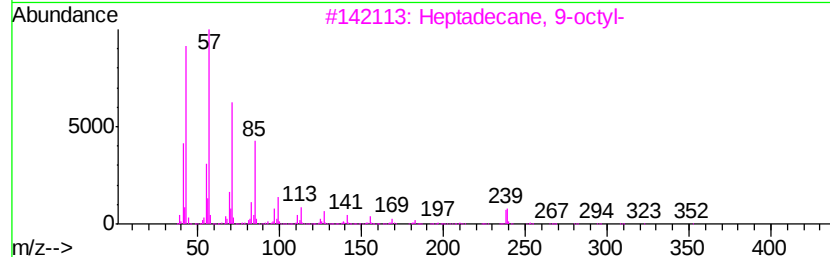
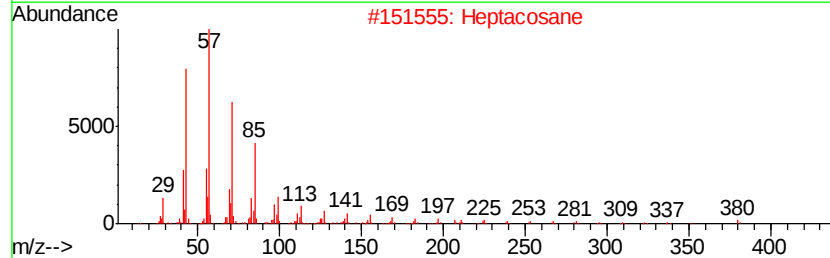
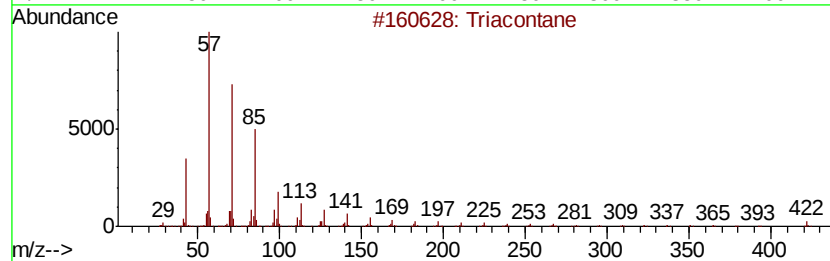
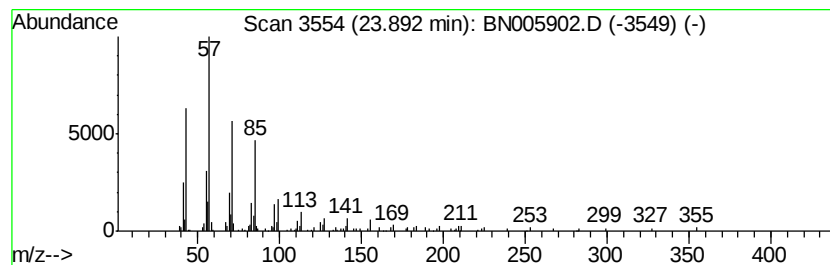
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.89	2.68 ng/ul	228112	Perylene-d12	23.40

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Triacontane	422	C30H62	000638-68-6	90
2			Heptacosane	380	C27H56	000593-49-7	90
3			Heptadecane, 9-octyl-	352	C25H52	007225-64-1	90
4			Octacosane	394	C28H58	000630-02-4	90
5			Tetracosane, 11-decyl-	479	C34H70	055429-84-0	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN052419\
Data File : BN005902.D
Acq On : 24 May 2019 22:19
Operator : JU/SJ
Sample : K2924-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4266

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN051819MA.M
Quant Title : SVOA CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Resorcinol	11.45	12.4	ng/ul	408462	2	10.32	659059	20.0
Tetrapentacontane...	20.92	2.1	ng/ul	186658	5	21.20	1803960	20.0
1-Hexyl-1-nitrocy...	21.81	2.3	ng/ul	207392	5	21.20	1803960	20.0
(DEL) Alkane: Str...	22.24	2.0	ng/ul	182374	5	21.20	1803960	20.0
(DEL) Alkane: Str...	22.73	2.2	ng/ul	186991	6	23.40	1704740	20.0
(DEL) Alkane: Str...	23.89	2.7	ng/ul	228112	6	23.40	1704740	20.0