

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091718\
 Data File : BN002739.D
 Acq On : 17 Sep 2018 23:01
 Operator : JU/SJ
 Sample : J4893-16
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C08S5

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:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091418MA.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	3.223	36	40	49	rVB	39314	54404	1.42%	0.159%
2	6.840	645	655	666	rVB	149092	296936	7.72%	0.868%
3	6.993	675	681	692	rBV	563714	880596	22.91%	2.575%
4	7.187	708	714	726	rVB	609493	975842	25.39%	2.854%
5	7.646	786	792	801	rBV	440793	736498	19.16%	2.154%
6	8.358	907	913	926	rBV	426424	729637	18.98%	2.134%
7	8.740	972	978	982	rBV	64596	106278	2.76%	0.311%
8	8.799	982	988	995	rVV	670192	1106381	28.78%	3.236%
9	9.516	1103	1110	1123	rBV	532095	917759	23.88%	2.684%
10	10.052	1195	1201	1220	rBV	699631	1336039	34.76%	3.907%
11	10.346	1243	1251	1257	rBV2	34504	66187	1.72%	0.194%
12	10.416	1257	1263	1270	rVB	600793	1033519	26.89%	3.023%
13	11.740	1484	1488	1501	rVB3	38642	77320	2.01%	0.226%
14	13.210	1732	1738	1751	rBV	267818	453438	11.80%	1.326%
15	13.698	1815	1821	1828	rBV	1368444	1896215	49.33%	5.546%
16	13.975	1861	1868	1879	rBV	1609144	2427136	63.14%	7.099%
17	14.287	1914	1921	1929	rBV2	824339	1283638	33.39%	3.754%
18	14.534	1958	1963	1978	rBV3	39534	116570	3.03%	0.341%
19	15.281	2084	2090	2100	rBV	1992495	2924216	76.07%	8.552%
20	15.422	2109	2114	2128	rBV	524382	813650	21.17%	2.380%
21	17.034	2382	2388	2397	rVB	998289	1362344	35.44%	3.984%
22	17.134	2399	2405	2420	rBV	2198735	3073294	79.95%	8.988%
23	17.710	2498	2503	2507	rBV	287775	345017	8.98%	1.009%
24	19.439	2790	2797	2808	rBV	2482153	3439417	89.48%	10.059%
25	21.239	3097	3103	3113	rBV	1187253	1574523	40.96%	4.605%
26	22.280	3276	3280	3285	rVB	82869	109543	2.85%	0.320%
27	22.780	3361	3365	3370	rVB	76229	109023	2.84%	0.319%
28	23.310	3448	3455	3467	rBV	2002096	3843860	100.00%	11.242%
29	23.451	3472	3479	3488	rVB	866699	1602434	41.69%	4.687%
30	23.963	3560	3566	3573	rVB	97561	182514	4.75%	0.534%
31	24.686	3684	3689	3695	rVB2	88566	177445	4.62%	0.519%
32	25.533	3827	3833	3841	rVB3	57625	140085	3.64%	0.410%

LSC Area Percent Report

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Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

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

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Title : SVOA CALIBRATION

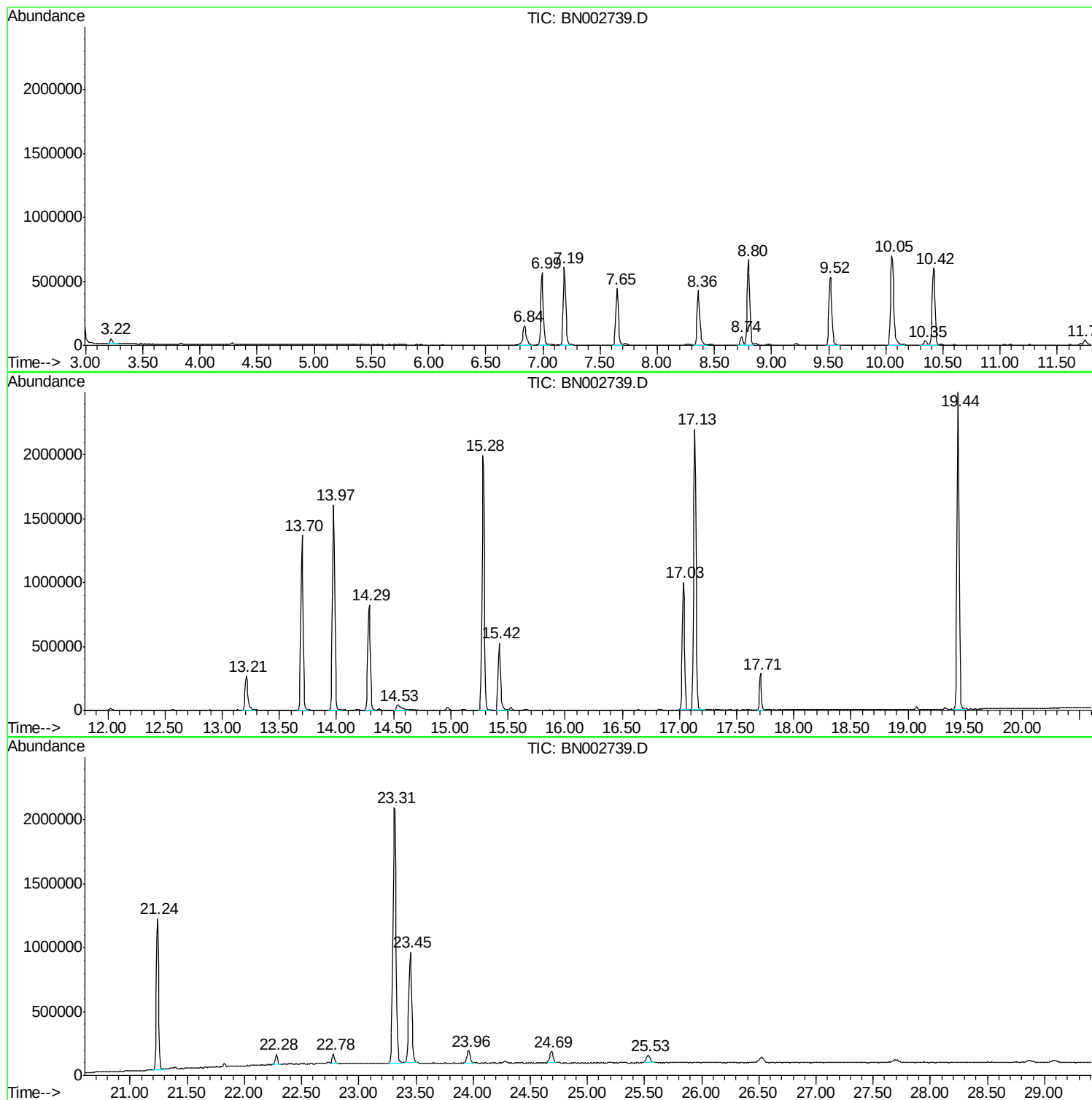
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091418MA.M
Quant Title : SVOA CALIBRATION

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



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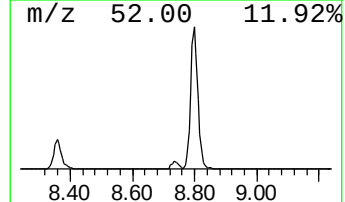
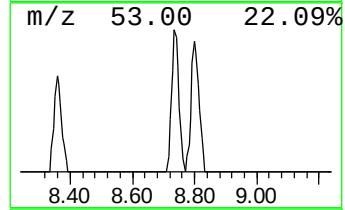
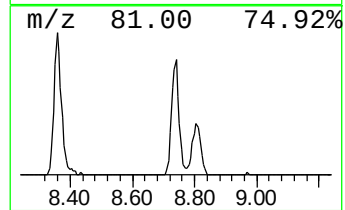
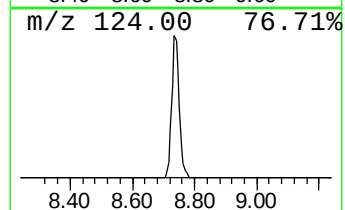
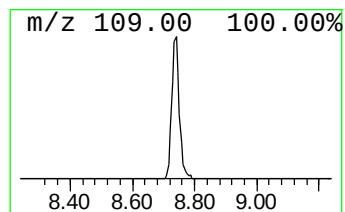
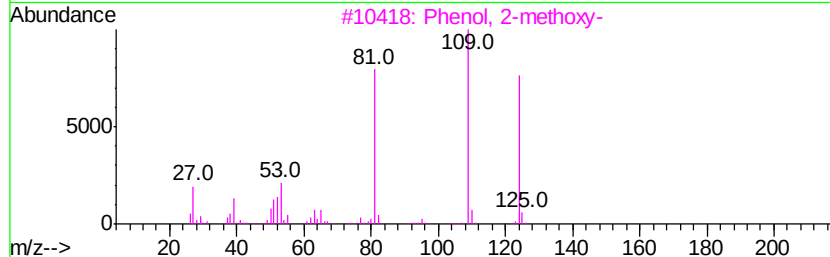
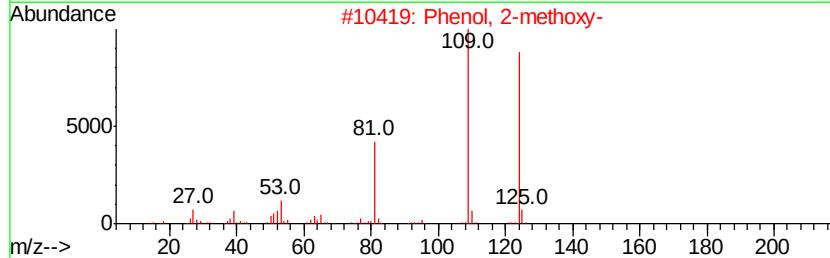
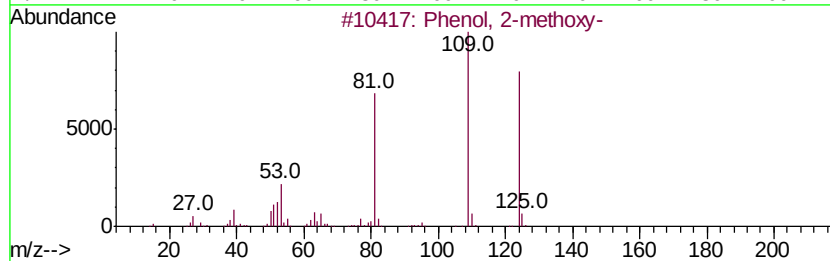
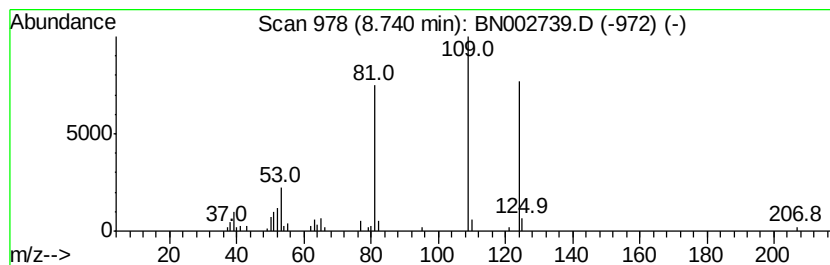
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Quant Title : SVOA CALIBRATION

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

Peak Number 1 Phenol, 2-methoxy- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.74	2.89 ng/ul	106278	1,4-Dichlorobenzene-d4	7.65

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenol, 2-methoxy-	124	C7H8O2	000090-05-1	96
2			Phenol, 2-methoxy-	124	C7H8O2	000090-05-1	95
3			Phenol, 2-methoxy-	124	C7H8O2	000090-05-1	91
4			Mequinol	124	C7H8O2	000150-76-5	87
5			Mequinol	124	C7H8O2	000150-76-5	78



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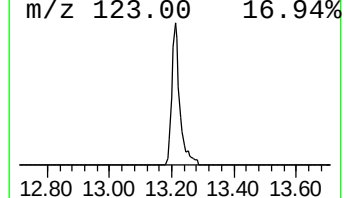
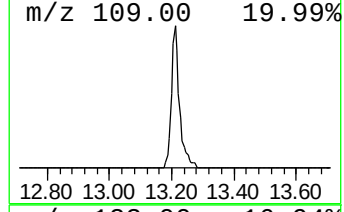
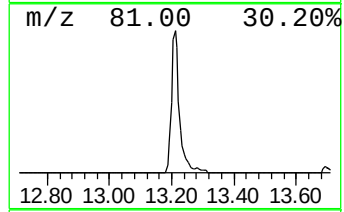
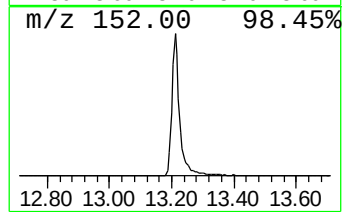
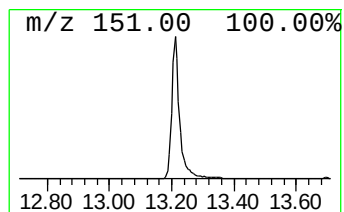
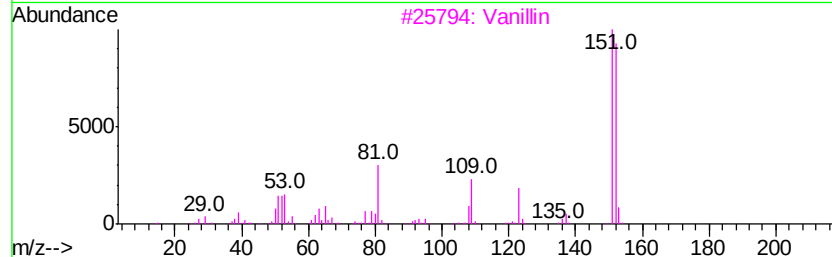
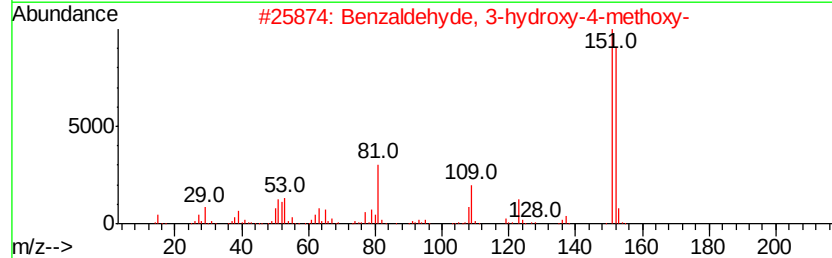
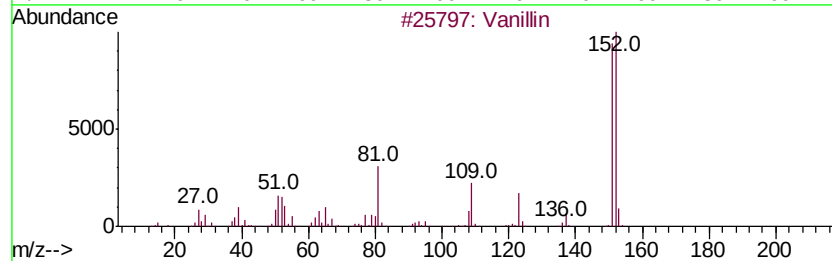
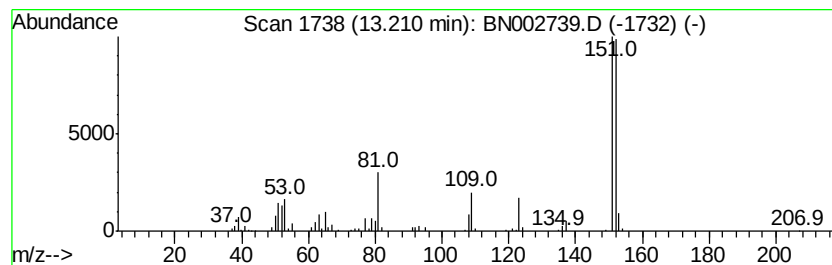
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Quant Title : SVOA CALIBRATION

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

Peak Number 2 Vanillin Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.21	7.06 ng/ul	453438	Acenaphthene-d10	14.29

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Vanillin	152	C8H8O3	000121-33-5	97
2		Benzaldehyde, 3-hydroxy-4-methoxy-	152	C8H8O3	000621-59-0	97
3		Vanillin	152	C8H8O3	000121-33-5	97
4		Vanillin	152	C8H8O3	000121-33-5	97
5		Vanillin	152	C8H8O3	000121-33-5	95



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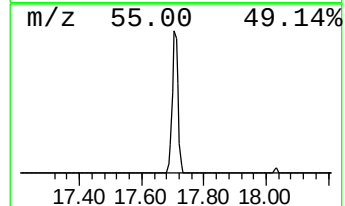
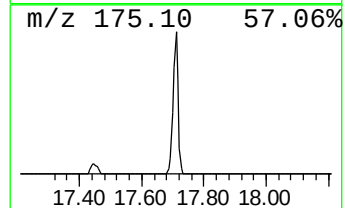
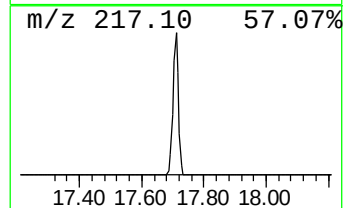
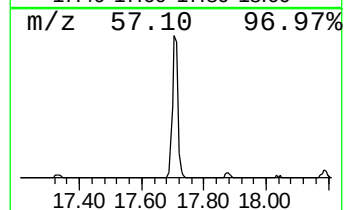
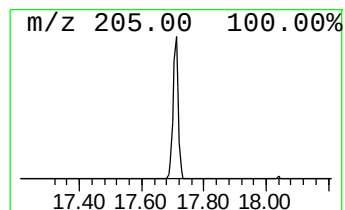
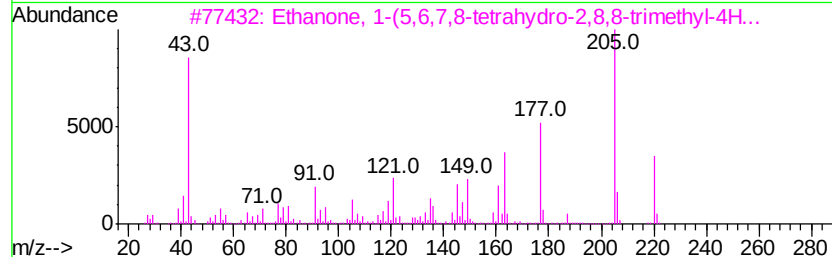
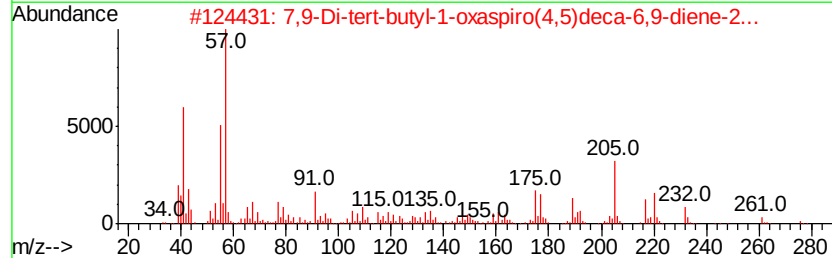
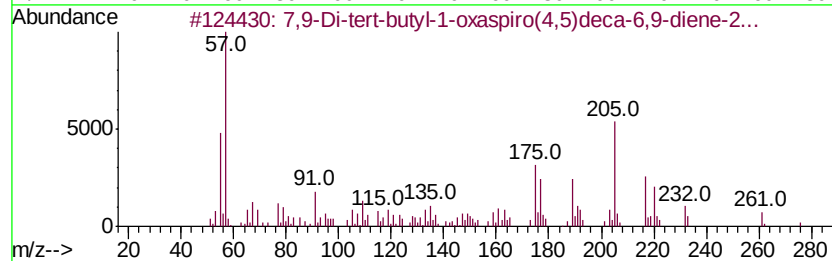
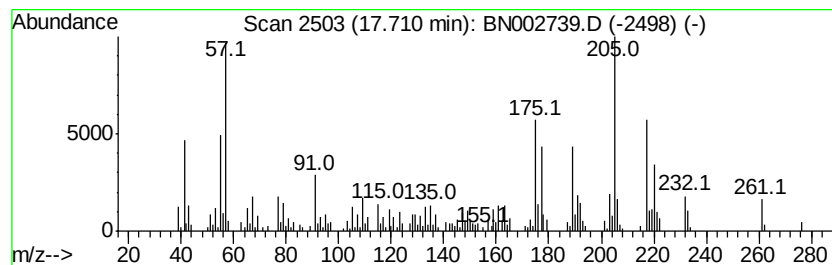
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.	
17.71	5.07 ng/ul	345017	Phenanthrene-d10	17.03	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7,9-Di-tert-butyl-1-oxaspiro(4,5)deca-6,9-diene-2-one	276	C17H24O3	082304-66-3	99
2	7,9-Di-tert-butyl-1-oxaspiro(4,5)deca-6,9-diene-2-one	276	C17H24O3	082304-66-3	95
3	Ethanone, 1-(5,6,7,8-tetrahydro-2,8,8-trimethyl-4H-cyclohepta[b]furan-2-yl)-	220	C14H20O2	071596-88-8	64
4	2,5-Cyclohexadien-1-one, 2,6-bis(4-methylphenyl)-	232	C16H24O	006738-27-8	42
5	Butylated Hydroxytoluene	220	C15H24O	000128-37-0	42



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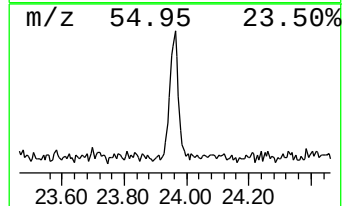
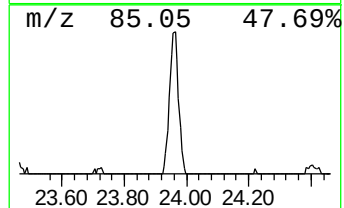
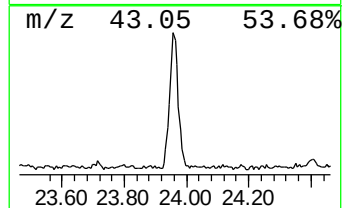
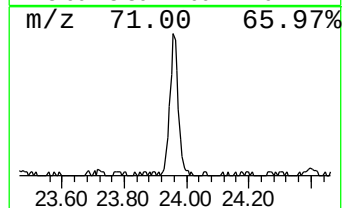
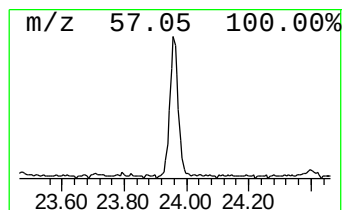
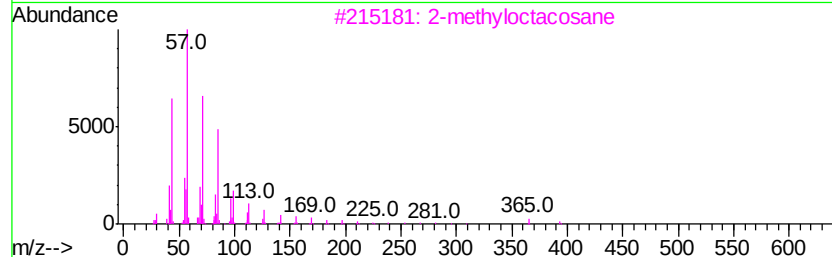
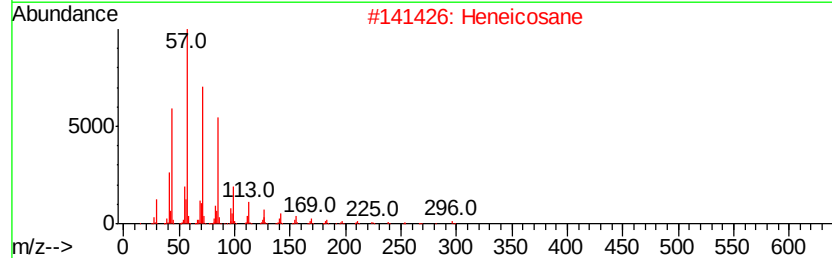
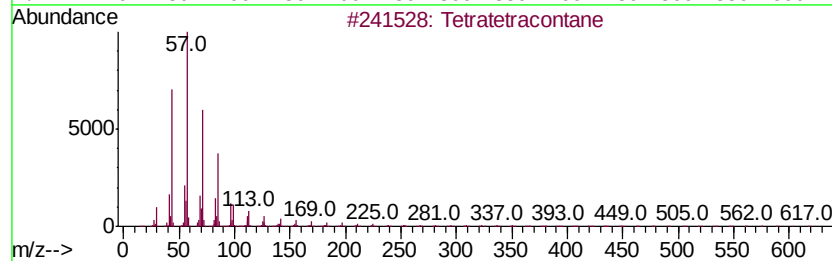
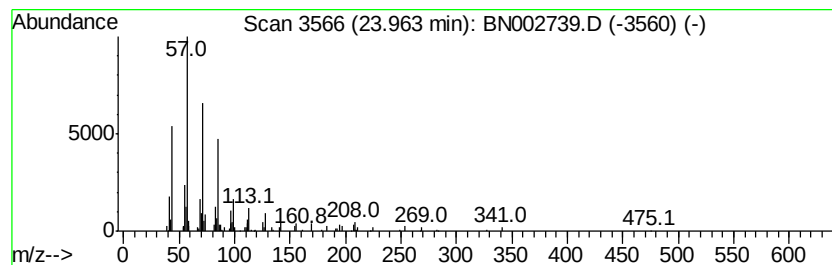
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.96	2.28 ng/ul	182514	Perylene-d12	23.45

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetratetracontane	619	C44H90	007098-22-8	90
2		Heneicosane	296	C21H44	000629-94-7	90
3		2-methyloctacosane	408	C29H60	1000376-72-8	90
4		Octacosane	394	C28H58	000630-02-4	90
5		Octadecane	254	C18H38	000593-45-3	90



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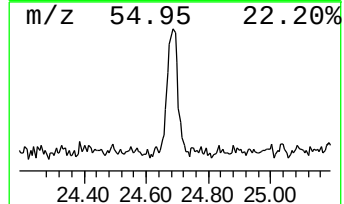
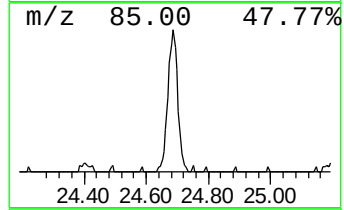
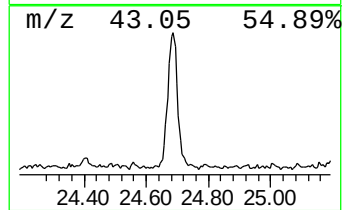
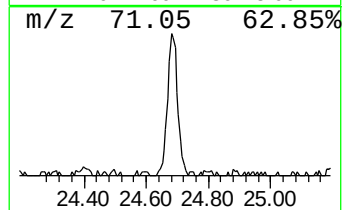
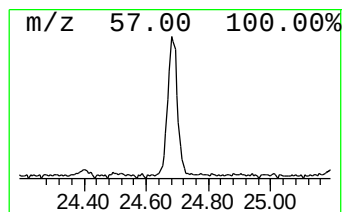
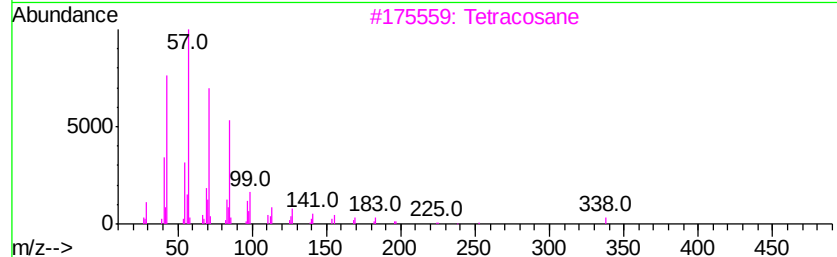
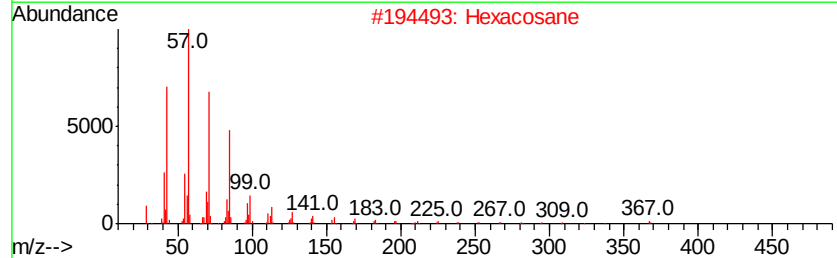
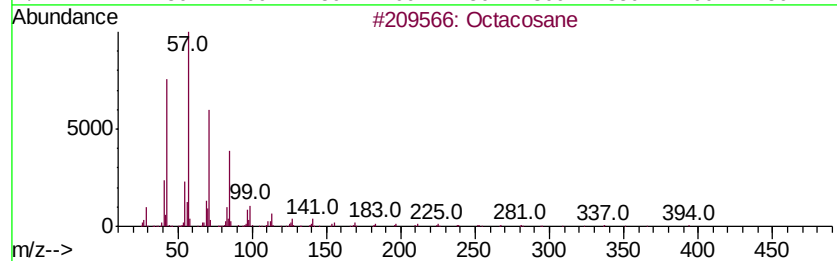
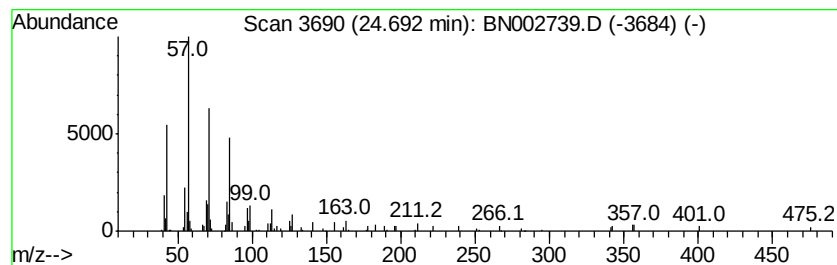
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091418MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
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Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.69	2.21 ng/ul	177445	Perylene-d12	23.45

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octacosane	394	C28H58	000630-02-4	90
2		Hexacosane	366	C26H54	000630-01-3	90
3		Tetracosane	338	C24H50	000646-31-1	90
4		Tetratetracontane	619	C44H90	007098-22-8	90
5		2-methyloctacosane	408	C29H60	1000376-72-8	90



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Phenol, 2-methoxy-	8.74	2.9	ng/ul	106278	1	7.65	736498	20.0
Vanillin	13.21	7.1	ng/ul	453438	3	14.29	1283640	20.0
7,9-Di-tert-butyl...	17.71	5.1	ng/ul	345017	4	17.03	1362340	20.0
(DEL) Alkane: Str...	23.96	2.3	ng/ul	182514	6	23.45	1602430	20.0
(DEL) Alkane: Str...	24.69	2.2	ng/ul	177445	6	23.45	1602430	20.0