

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050919\
 Data File : BN005560.D
 Acq On : 09 May 2019 10:51
 Operator : JU/SJ
 Sample : K2602-17
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BFHH9

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-BN041919MA.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	3.211	34	38	43	rVB	47415	56599	0.72%	0.080%
2	6.769	636	643	655	rVB	261986	508376	6.43%	0.722%
3	6.934	665	671	685	rVB	785110	1278372	16.16%	1.815%
4	7.122	697	703	713	rBV	882861	1475303	18.65%	2.095%
5	7.587	775	782	789	rBV	846732	1375451	17.39%	1.953%
6	7.652	790	793	801	rVB3	20550	41834	0.53%	0.059%
7	8.193	879	885	892	rBV6	7378	19496	0.25%	0.028%
8	8.287	895	901	912	rVV	747852	1268362	16.04%	1.801%
9	8.405	915	921	926	rVB2	15574	27537	0.35%	0.039%
10	8.669	961	966	970	rBV	84935	139794	1.77%	0.199%
11	8.728	970	976	983	rVV	1102397	1864265	23.57%	2.648%
12	8.787	983	986	998	rVB2	27243	49161	0.62%	0.070%
13	8.899	1000	1005	1011	rVB4	22330	38302	0.48%	0.054%
14	9.440	1090	1097	1110	rBV	892487	1587489	20.07%	2.254%
15	9.975	1180	1188	1210	rBV	1160270	2349178	29.70%	3.336%
16	10.275	1233	1239	1244	rBV2	52028	112656	1.42%	0.160%
17	10.346	1244	1251	1259	rVB	1256118	2122935	26.84%	3.015%
18	11.181	1387	1393	1395	rBV5	6916	12590	0.16%	0.018%
19	11.534	1449	1453	1458	rBV3	6353	9176	0.12%	0.013%
20	11.657	1467	1474	1487	rBV2	111999	259326	3.28%	0.368%
21	11.951	1517	1524	1535	rBV2	21278	45107	0.57%	0.064%
22	12.510	1613	1619	1622	rBV5	5651	10076	0.13%	0.014%
23	12.828	1668	1673	1679	rBV6	7610	14254	0.18%	0.020%
24	13.146	1721	1727	1746	rBV2	206735	460229	5.82%	0.654%
25	13.640	1804	1811	1828	rBV	2725746	3837759	48.52%	5.450%
26	13.910	1850	1857	1871	rBV	3193688	4756384	60.14%	6.755%
27	14.110	1886	1891	1896	rBV4	6514	12557	0.16%	0.018%
28	14.222	1903	1910	1921	rBV2	2047305	3218992	40.70%	4.571%
29	14.310	1921	1925	1933	rVB	60830	86631	1.10%	0.123%
30	14.457	1945	1950	1962	rBV3	118036	345232	4.36%	0.490%
31	14.910	2021	2027	2036	rBV	69310	108901	1.38%	0.155%
32	15.040	2045	2049	2057	rVB4	32175	44929	0.57%	0.064%
33	15.222	2073	2080	2096	rBV	3972513	5880283	74.35%	8.351%
34	15.363	2098	2104	2116	rVV	912633	1581840	20.00%	2.246%

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35	15.463	2117	2121	2133	rVV	63223	126514	1.60%	0.180%
36	15.592	2136	2143	2151	rVB2	21078	38088	0.48%	0.054%
37	16.004	2208	2213	2218	rVB5	14602	22072	0.28%	0.031%
38	16.581	2307	2311	2316	rBV	22341	28260	0.36%	0.040%
39	16.651	2321	2323	2327	rBV4	6225	9630	0.12%	0.014%
40	16.763	2339	2342	2346	rBV2	8768	12031	0.15%	0.017%
41	16.975	2370	2378	2389	rBV2	2764277	3999292	50.56%	5.680%
42	17.075	2389	2395	2418	rVB	4529445	6758692	85.45%	9.598%
43	17.281	2426	2430	2438	rVB3	6291	9703	0.12%	0.014%
44	17.657	2489	2494	2500	rBV	1113657	1404128	17.75%	1.994%
45	17.828	2519	2523	2526	rBV4	9596	11084	0.14%	0.016%
46	17.892	2530	2534	2542	rBV5	23937	41209	0.52%	0.059%
47	17.963	2542	2546	2547	rVV3	11997	13413	0.17%	0.019%
48	17.981	2547	2549	2553	rVB3	11048	13532	0.17%	0.019%
49	18.139	2572	2576	2580	rVB2	37377	48534	0.61%	0.069%
50	18.392	2614	2619	2626	rBV7	8341	13971	0.18%	0.020%
51	19.022	2722	2726	2732	rBV	50211	64826	0.82%	0.092%
52	19.198	2753	2756	2761	rBV7	10854	19763	0.25%	0.028%
53	19.275	2765	2769	2775	rVV	44058	58839	0.74%	0.084%
54	19.392	2782	2789	2799	rBV	5701907	7909325	100.00%	11.232%
55	19.639	2828	2831	2835	rBV3	5789	10023	0.13%	0.014%
56	19.963	2884	2886	2890	rVB4	10493	12250	0.15%	0.017%
57	20.469	2969	2972	2977	rVB3	27561	29252	0.37%	0.042%
58	20.939	3049	3052	3055	rBV	37556	39313	0.50%	0.056%
59	21.139	3084	3086	3089	rBV4	11794	13860	0.18%	0.020%
60	21.210	3092	3098	3112	rBV	2786615	4115651	52.04%	5.845%
61	21.386	3124	3128	3132	rVB	69556	79828	1.01%	0.113%
62	21.816	3198	3201	3206	rBV	109914	123431	1.56%	0.175%
63	22.274	3274	3279	3288	rBV2	214977	336217	4.25%	0.477%
64	22.769	3359	3363	3370	rVB	205813	284483	3.60%	0.404%
65	23.274	3441	3449	3455	rBV	2872350	5453662	68.95%	7.745%
66	23.410	3465	3472	3490	rVB	1629966	3347851	42.33%	4.754%
67	23.945	3558	3563	3570	rBV	207347	383432	4.85%	0.545%
68	24.668	3681	3686	3693	rVB	167446	345532	4.37%	0.491%
69	25.510	3825	3829	3838	rVB4	100481	238380	3.01%	0.339%

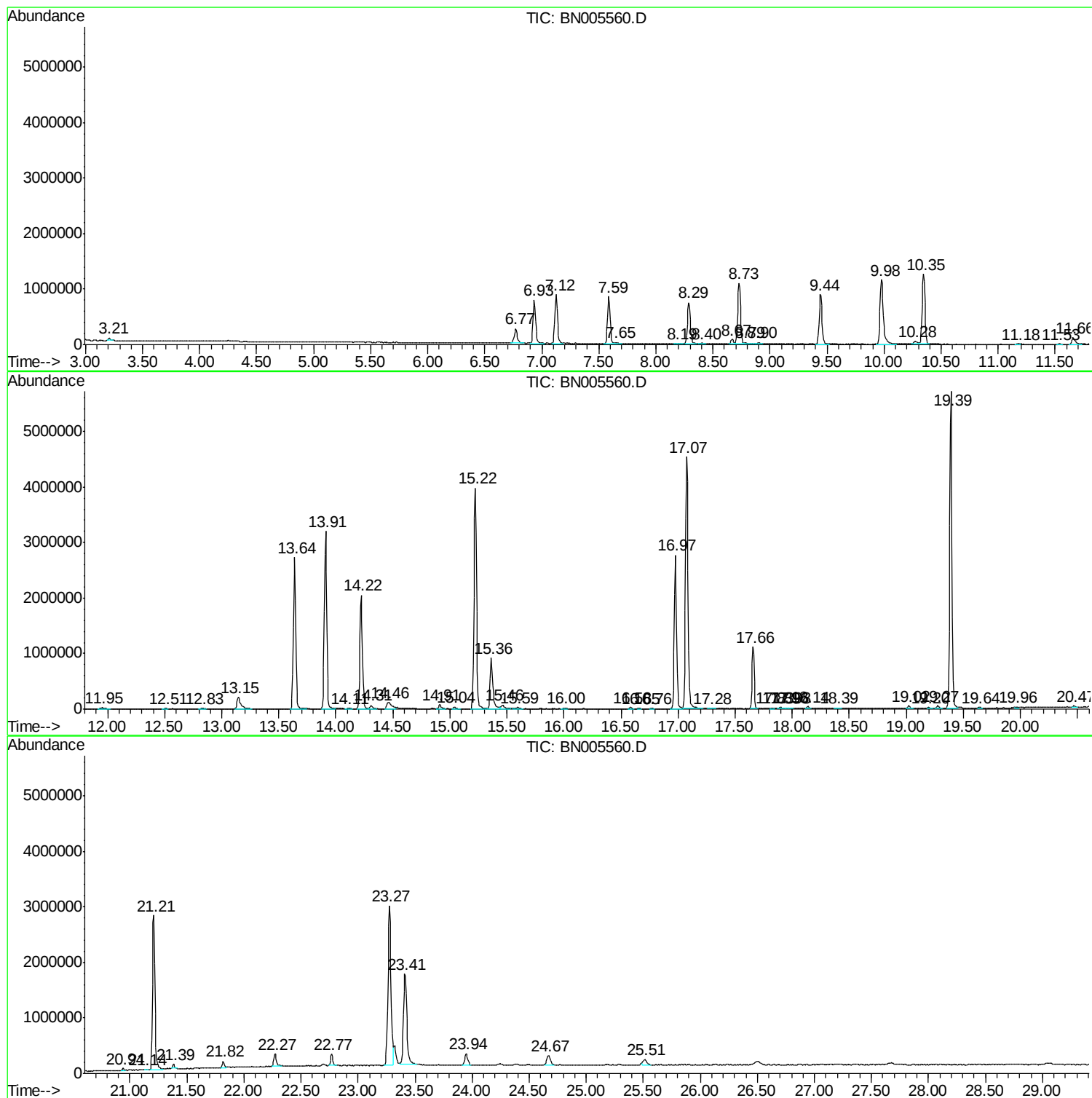
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Quant Title : SVOA CALIBRATION

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



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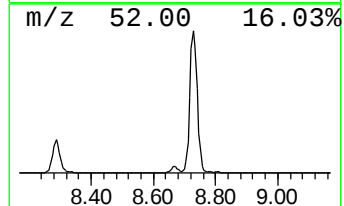
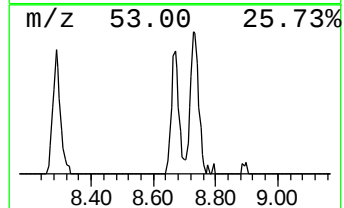
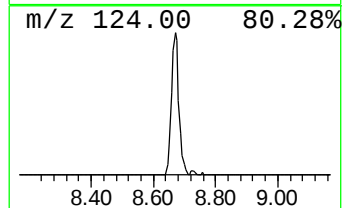
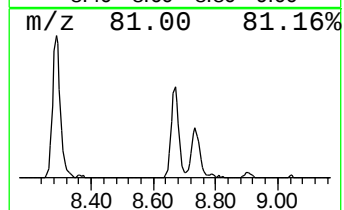
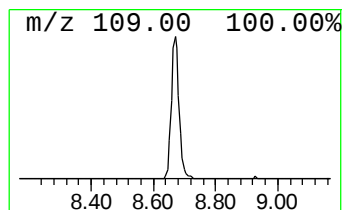
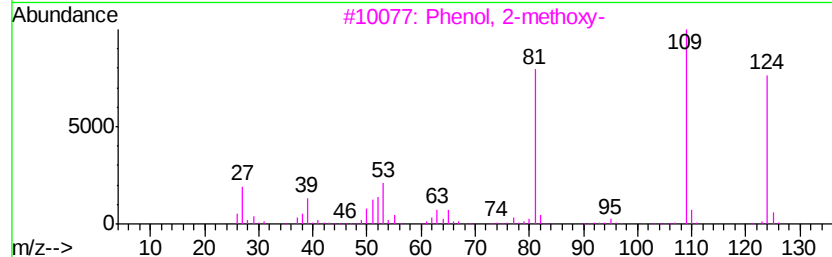
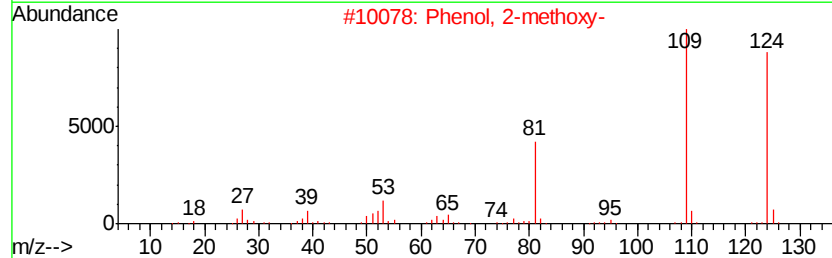
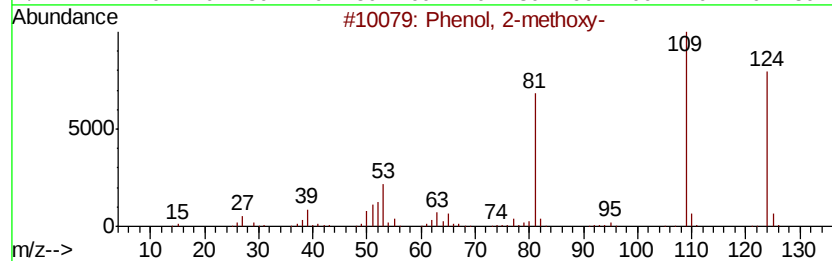
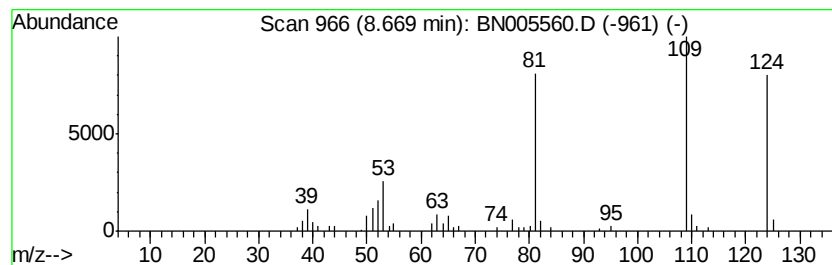
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Quant Title : SVOA CALIBRATION

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

Peak Number 1 Phenol, 2-methoxy- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.67	2.03 ng/ul	139794	1,4-Dichlorobenzene-d4	7.59

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	95
3		Phenol, 2-methoxy-	124	C7H8O2	000090-05-1	94
4		Mequinol	124	C7H8O2	000150-76-5	90
5		Mequinol	124	C7H8O2	000150-76-5	90



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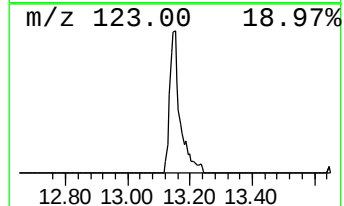
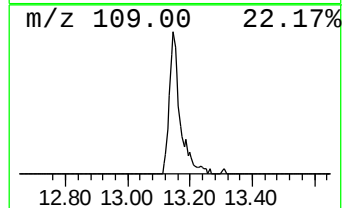
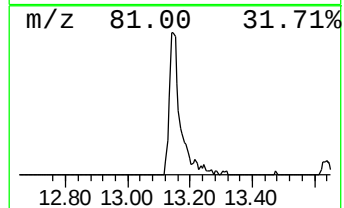
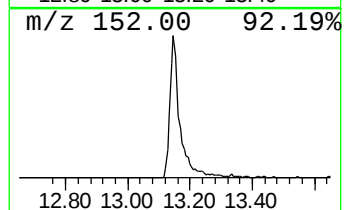
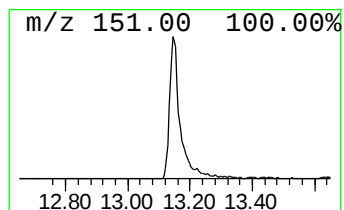
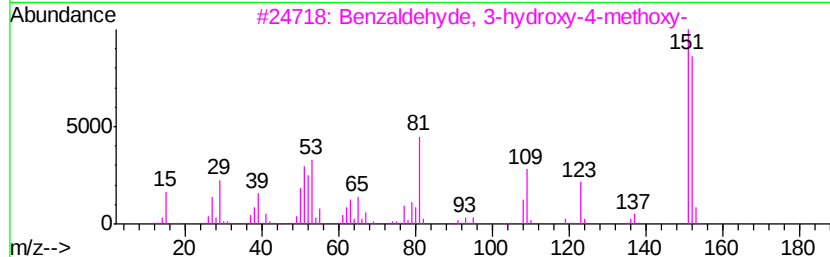
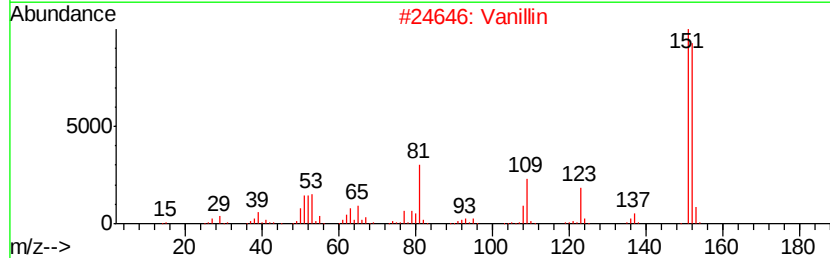
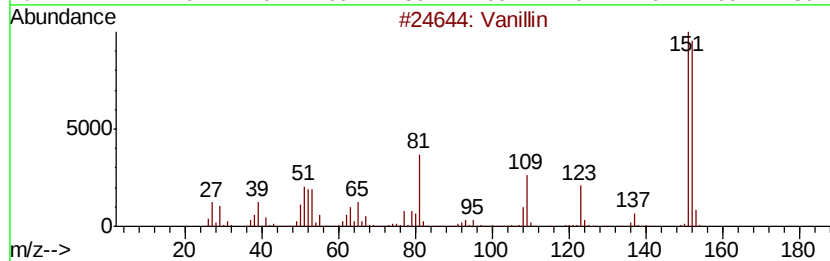
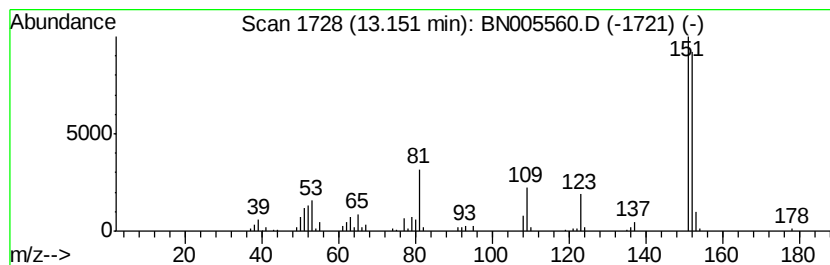
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Quant Title : SVOA CALIBRATION

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

Peak Number 2 Vanillin Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.15	2.86 ng/ul	460229	Acenaphthene-d10	14.22

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Vanillin	152	C8H8O3	000121-33-5	97
2		Vanillin	152	C8H8O3	000121-33-5	96
3		Benzaldehyde, 3-hydroxy-4-methoxy-	152	C8H8O3	000621-59-0	95
4		Benzaldehyde, 3-hydroxy-4-methoxy-	152	C8H8O3	000621-59-0	95
5		Vanillin	152	C8H8O3	000121-33-5	95



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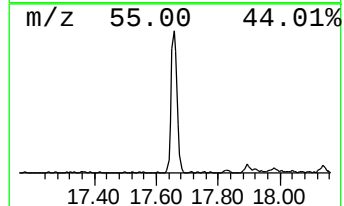
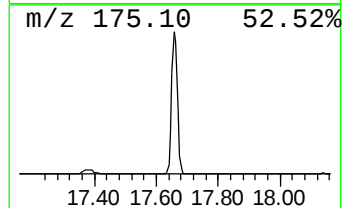
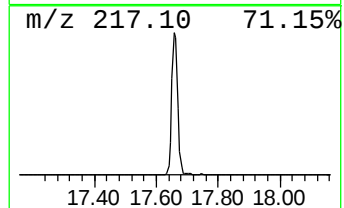
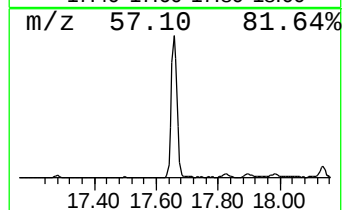
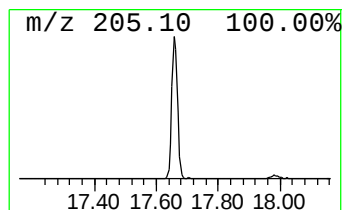
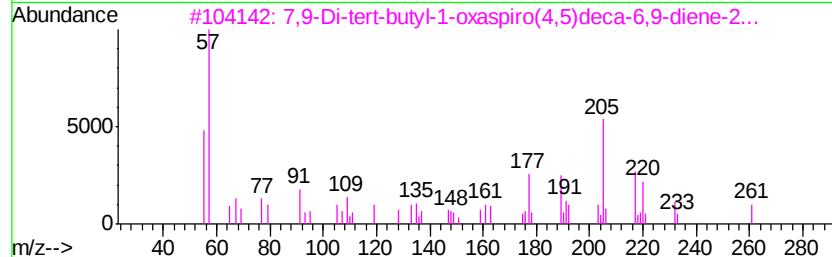
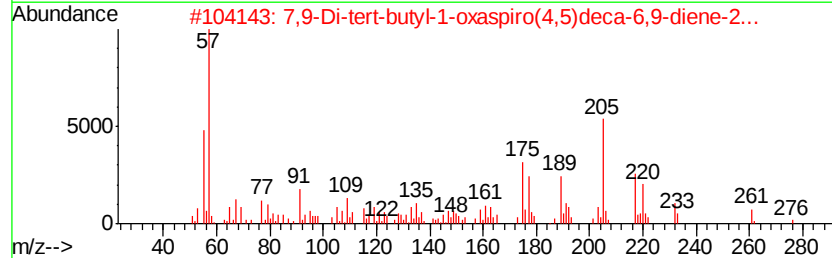
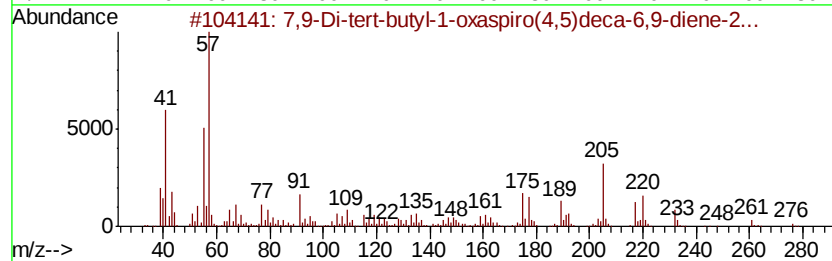
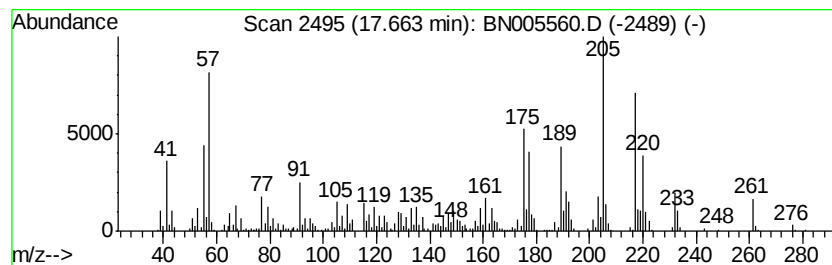
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.66	7.02 ng/ul	1404130	Phenanthrene-d10	16.97

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	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	96
3		7,9-Di-tert-butyl-1-oxaspiro(4,5)deca-6,9-diene-2-one	276	C17H24O3	082304-66-3	81
4		Ethanone, 1-(5,6,7,8-tetrahydro-2H-chromeno[2,1-b]pyridin-2-yl)-	220	C14H20O2	071596-88-8	46
5		2,5-di-tert-Butyl-1,4-benzoquinone	220	C14H20O2	002460-77-7	45



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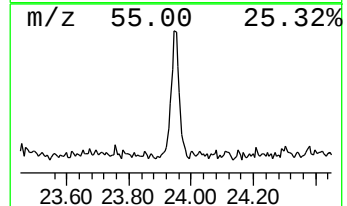
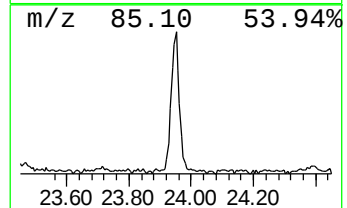
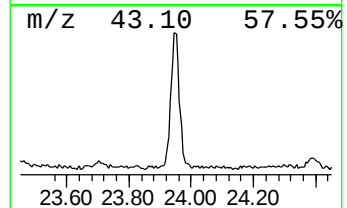
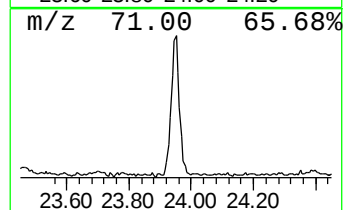
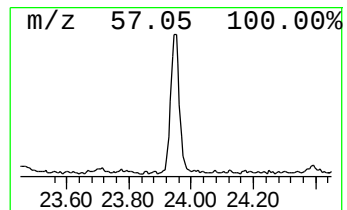
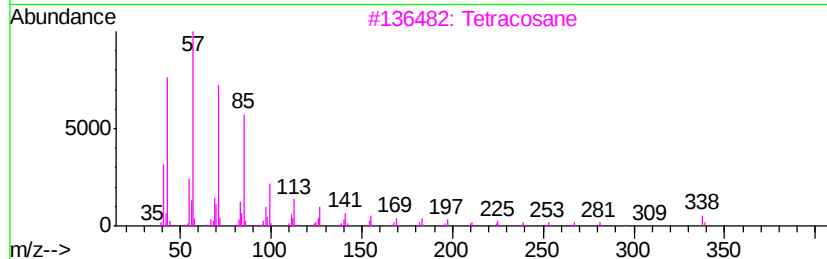
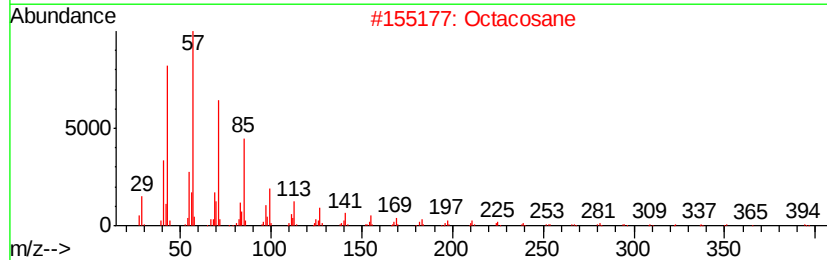
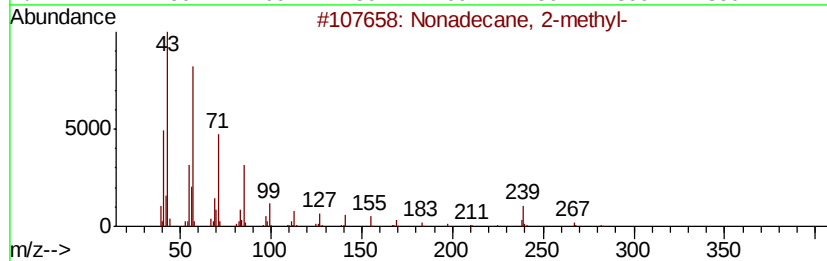
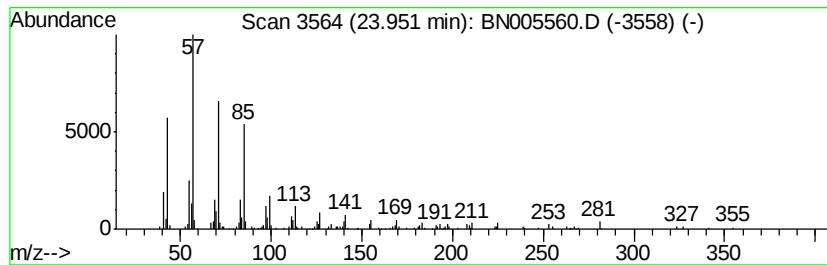
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Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.95	2.29 ng/ul	383432	Perylene-d12	23.41

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonadecane, 2-methyl-	282	C20H42	001560-86-7	93
2		Octacosane	394	C28H58	000630-02-4	90
3		Tetracosane	338	C24H50	000646-31-1	90
4		Tetracosane	338	C24H50	000646-31-1	90
5		Hexacosane	366	C26H54	000630-01-3	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050919\
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Acq On : 09 May 2019 10:51
Operator : JU/SJ
Sample : K2602-17
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BFHH9

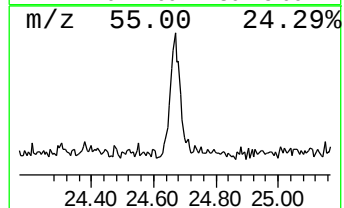
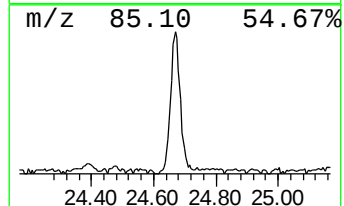
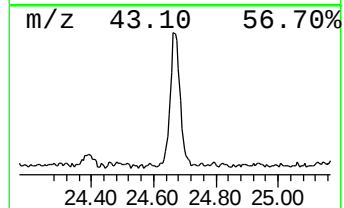
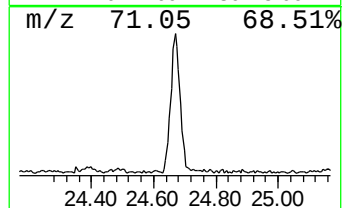
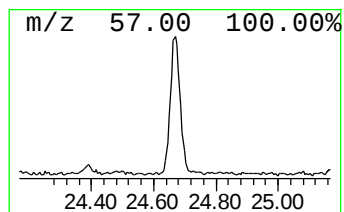
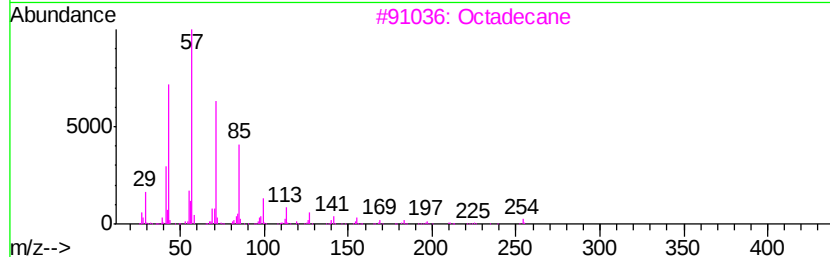
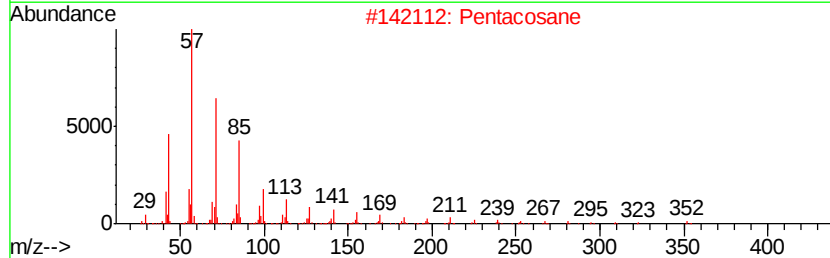
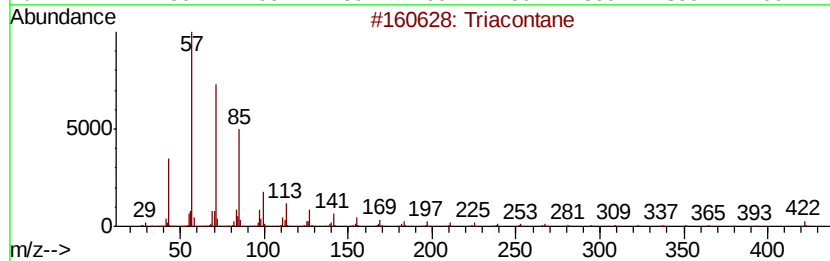
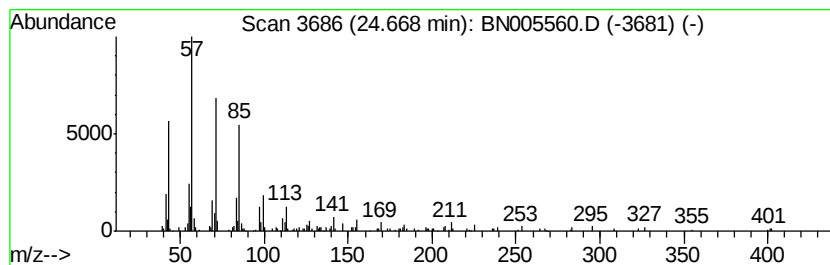
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Quant Title : SVOA CALIBRATION

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.
24.67	2.06 ng/ul	345532	Perylene-d12	23.41

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Triacontane	422	C30H62	000638-68-6	90
2		Pentacosane	352	C25H52	000629-99-2	90
3		Octadecane	254	C18H38	000593-45-3	87
4		Octacosane	394	C28H58	000630-02-4	87
5		Docosane	310	C22H46	000629-97-0	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN050919\
Data File : BN005560.D
Acq On : 09 May 2019 10:51
Operator : JU/SJ
Sample : K2602-17
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BFHH9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.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
Phenol, 2-methoxy-	8.67	2.0	ng/ul	139794	1	7.59	1375450	20.0
Vanillin	13.15	2.9	ng/ul	460229	3	14.22	3218990	20.0
7,9-Di-tert-butyl...	17.66	7.0	ng/ul	1404130	4	16.97	3999290	20.0
(DEL) Alkane: Str...	23.95	2.3	ng/ul	383432	6	23.41	3347850	20.0
(DEL) Alkane: Str...	24.67	2.1	ng/ul	345532	6	23.41	3347850	20.0