

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN052419\
 Data File : BN005899.D
 Acq On : 24 May 2019 20:36
 Operator : JU/SJ
 Sample : K2928-19
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A42F1

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	3.199	33	36	44	rVB2	58498	76784	1.58%	0.082%
2	4.746	295	299	305	rVB	79154	116151	2.39%	0.123%
3	6.716	629	634	637	rBV	350835	536859	11.07%	0.570%
4	6.758	637	641	642	rVV	402906	547324	11.28%	0.581%
5	6.781	642	645	660	rVV	622935	1204407	24.82%	1.279%
6	6.905	660	666	675	rVV	274619	433802	8.94%	0.461%
7	6.993	676	681	689	rVV	335831	496015	10.22%	0.527%
8	7.099	693	699	714	rVB	412315	670755	13.83%	0.712%
9	7.552	771	776	785	rBV	294040	485641	10.01%	0.516%
10	8.275	893	899	912	rBV	430071	806045	16.61%	0.856%
11	8.605	948	955	966	rVB	673514	1087388	22.41%	1.154%
12	8.705	966	972	976	rBV	405378	684758	14.11%	0.727%
13	8.746	976	979	989	rVB	230647	391482	8.07%	0.416%
14	9.116	1038	1042	1046	rVB2	16989	23577	0.49%	0.025%
15	9.416	1087	1093	1096	rBV	333196	598106	12.33%	0.635%
16	9.452	1096	1099	1114	rVB	406510	701828	14.47%	0.745%
17	9.969	1181	1187	1205	rBV	417166	932812	19.23%	0.990%
18	10.310	1239	1245	1249	rBV	428918	725189	14.95%	0.770%
19	10.363	1249	1254	1264	rVB	918238	1514816	31.22%	1.608%
20	10.469	1266	1272	1289	rVB	366571	759217	15.65%	0.806%
21	11.863	1504	1509	1515	rBV4	29467	51829	1.07%	0.055%
22	11.910	1515	1517	1521	rVB2	7871	10411	0.21%	0.011%
23	11.987	1523	1530	1540	rBV	1651000	2603556	53.66%	2.764%
24	12.116	1548	1552	1557	rVV3	3452	6106	0.13%	0.006%
25	12.210	1561	1568	1580	rVB	828490	1339046	27.60%	1.422%
26	12.375	1589	1596	1605	rBV	489881	829147	17.09%	0.880%
27	12.710	1647	1653	1676	rBV	888458	2000014	41.22%	2.123%
28	13.016	1699	1705	1709	rBV	1442790	2193090	45.20%	2.328%
29	13.057	1709	1712	1725	rVB	1193257	1777825	36.64%	1.887%
30	13.616	1800	1807	1811	rBV	1093172	1547229	31.89%	1.643%
31	13.663	1811	1815	1825	rVB	389209	557656	11.49%	0.592%
32	13.887	1846	1853	1855	rBV	1167576	1839197	37.91%	1.953%
33	13.916	1855	1858	1869	rVB	1249289	1683288	34.69%	1.787%
34	14.110	1887	1891	1893	rVB3	4566	5531	0.11%	0.006%

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35	14.193	1899	1905	1911	rBV2	710524	1109999	22.88%	1.178%
36	14.257	1911	1916	1932	rVB	1264203	1832927	37.78%	1.946%
37	14.481	1946	1954	1969	rBV2	1301006	2582382	53.23%	2.742%
38	14.604	1969	1975	1994	rVB2	904309	1784464	36.78%	1.894%
39	15.040	2043	2049	2057	rVB	763222	1011978	20.86%	1.074%
40	15.198	2070	2076	2081	rBV	1639687	2250371	46.38%	2.389%
41	15.257	2081	2086	2094	rVB	1656675	2342927	48.29%	2.487%
42	15.381	2101	2107	2115	rBV	174890	349856	7.21%	0.371%
43	15.440	2115	2117	2125	rVB3	19638	24270	0.50%	0.026%
44	15.934	2195	2201	2203	rBV5	4174	6773	0.14%	0.007%
45	15.987	2208	2210	2215	rVB3	6730	7151	0.15%	0.008%
46	16.269	2252	2258	2266	rVB	628101	880214	18.14%	0.934%
47	16.498	2293	2297	2305	rBV5	3263	6555	0.14%	0.007%
48	16.757	2338	2341	2344	rVV2	5751	6448	0.13%	0.007%
49	16.957	2369	2375	2378	rBV	1047970	1480526	30.52%	1.572%
50	16.998	2378	2382	2387	rVV	1732032	2352485	48.49%	2.497%
51	17.057	2387	2392	2395	rVV	1810254	2757822	56.84%	2.928%
52	17.092	2395	2398	2419	rVV	2736395	3822661	78.79%	4.058%
53	17.416	2450	2453	2458	rVB3	5192	7342	0.15%	0.008%
54	17.463	2458	2461	2465	rBV4	5468	7112	0.15%	0.008%
55	17.875	2524	2531	2539	rBV2	72948	147219	3.03%	0.156%
56	17.933	2539	2541	2544	rVB	13390	15386	0.32%	0.016%
57	18.157	2576	2579	2584	rVB4	9856	12927	0.27%	0.014%
58	18.416	2617	2623	2627	rBV	34707	52243	1.08%	0.055%
59	18.633	2656	2660	2663	rBV3	3047	4899	0.10%	0.005%
60	18.745	2676	2679	2683	rBV6	3291	5519	0.11%	0.006%
61	18.804	2686	2689	2696	rVB4	15632	19868	0.41%	0.021%
62	19.033	2716	2728	2742	rVV	1967658	2713351	55.93%	2.881%
63	19.169	2748	2751	2758	rBV5	26871	53102	1.09%	0.056%
64	19.263	2763	2767	2768	rBV	12292	15279	0.31%	0.016%
65	19.375	2779	2786	2788	rVV	2226208	3242304	66.83%	3.442%
66	19.404	2788	2791	2807	rVB	1802750	2447835	50.45%	2.599%
67	19.786	2854	2856	2860	rVB4	5271	6610	0.14%	0.007%
68	19.933	2875	2881	2885	rBV5	15134	23670	0.49%	0.025%
69	19.992	2889	2891	2895	rVB4	3882	5522	0.11%	0.006%
70	20.304	2941	2944	2945	rBV3	7317	7324	0.15%	0.008%
71	20.433	2963	2966	2972	rBV4	24055	32161	0.66%	0.034%

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72	20.910	3042	3047	3058	rBV	142525	265795	5.48%	0.282%
73	21.180	3087	3093	3098	rBV2	2038606	4241301	87.42%	4.503%
74	21.227	3098	3101	3112	rVB	1452684	2118892	43.67%	2.249%
75	21.351	3118	3122	3127	rBV	138891	161189	3.32%	0.171%
76	21.774	3190	3194	3199	rBV	295934	359858	7.42%	0.382%
77	21.980	3224	3229	3239	rBV	1433626	1702429	35.09%	1.807%
78	22.227	3267	3271	3280	rVB	464451	580698	11.97%	0.616%
79	22.739	3349	3358	3362	rBV	2617005	4851676	100.00%	5.151%
80	22.786	3362	3366	3378	rVB	1231611	2086593	43.01%	2.215%
81	23.257	3438	3446	3450	rBV2	2073129	4131270	85.15%	4.386%
82	23.298	3450	3453	3462	rVV	1265494	2148329	44.28%	2.281%
83	23.398	3463	3470	3483	rVB	806442	1756263	36.20%	1.865%
84	23.886	3546	3553	3560	rVB	380386	684299	14.10%	0.726%
85	24.598	3667	3674	3685	rVB	186643	397369	8.19%	0.422%
86	25.427	3810	3815	3823	rVB2	73093	155694	3.21%	0.165%
87	25.586	3832	3842	3857	rBV	1134147	3121619	64.34%	3.314%
88	26.257	3945	3956	3972	rBV2	804870	2764457	56.98%	2.935%

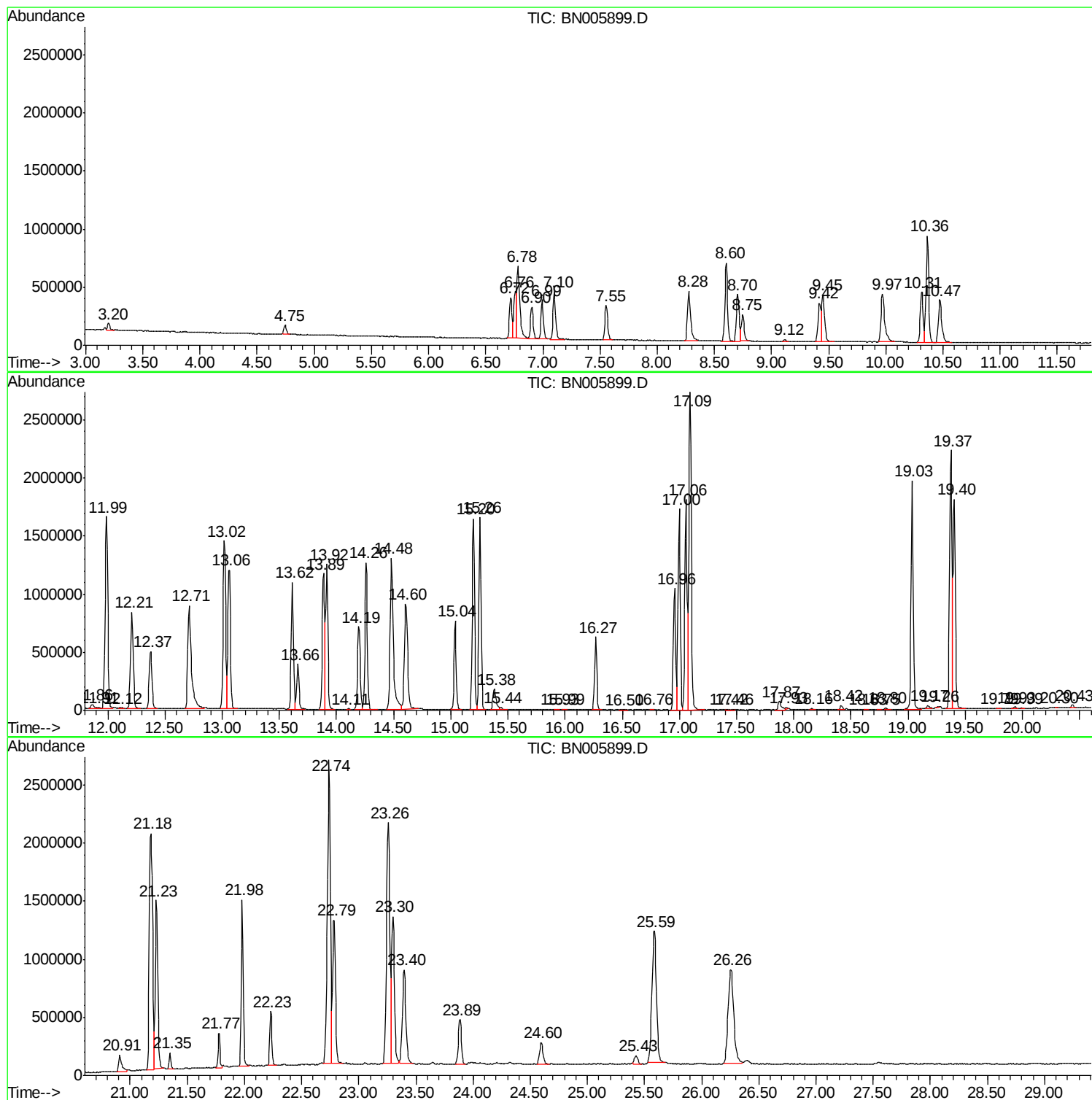
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN051819MA.M
Quant Title : SVOA CALIBRATION

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



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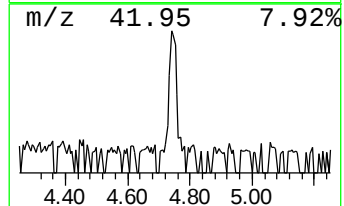
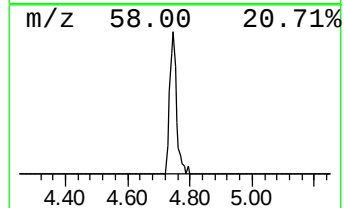
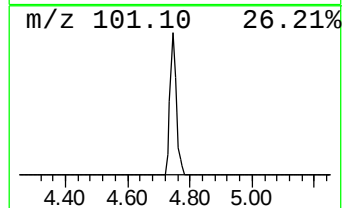
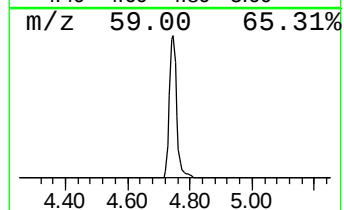
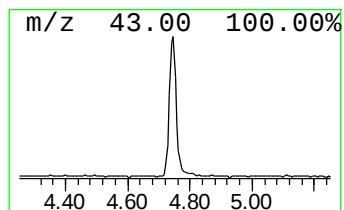
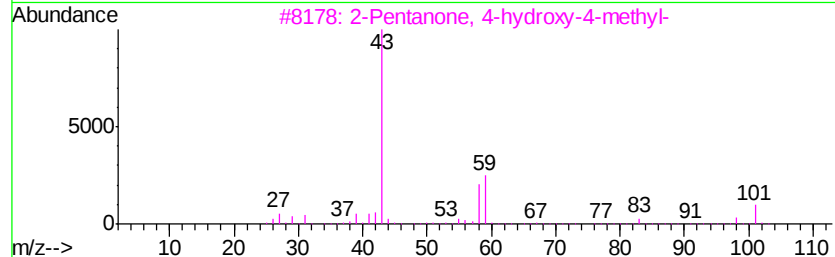
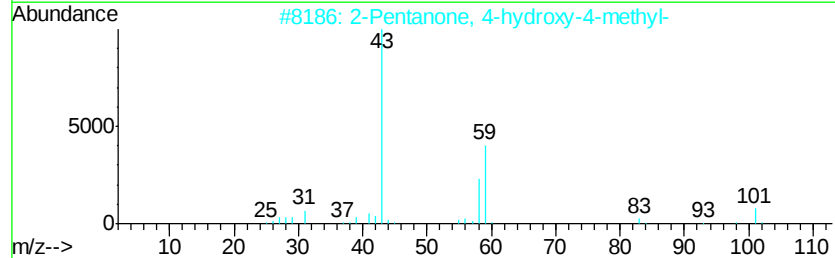
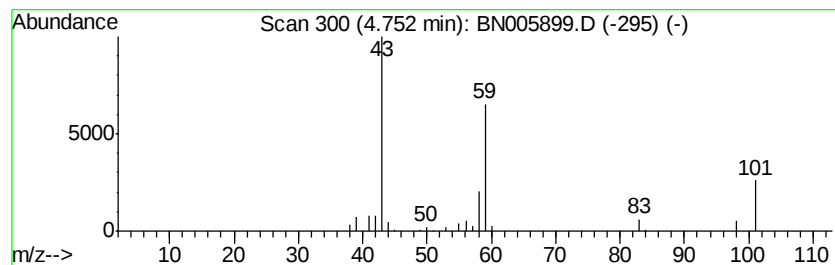
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.75	4.78 ng/ul	116151	1,4-Dichlorobenzene-d4	7.55

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	40
3			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	40
4			Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
5			5-Hexen-2-one	98	C6H10O	000109-49-9	9



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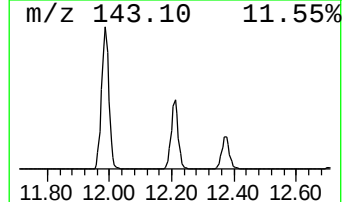
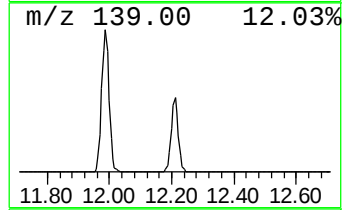
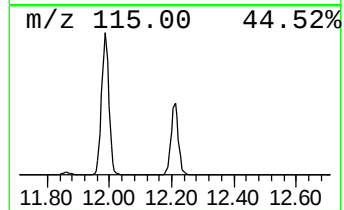
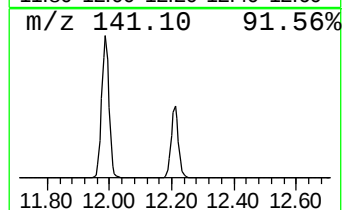
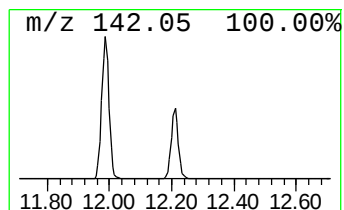
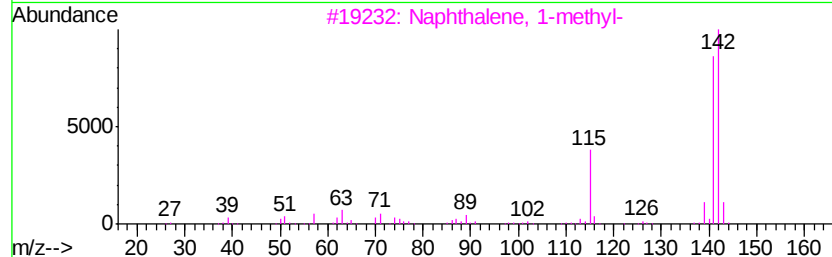
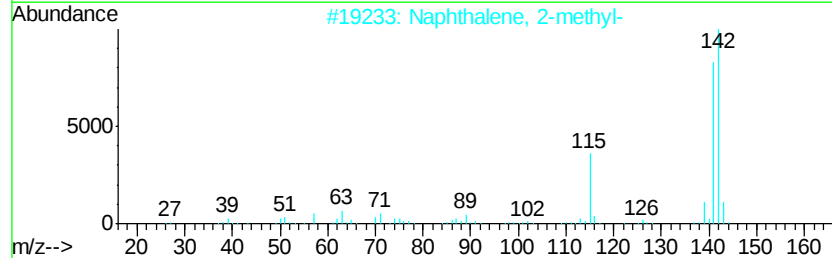
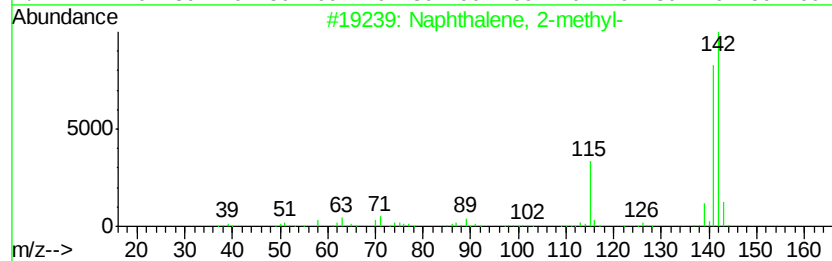
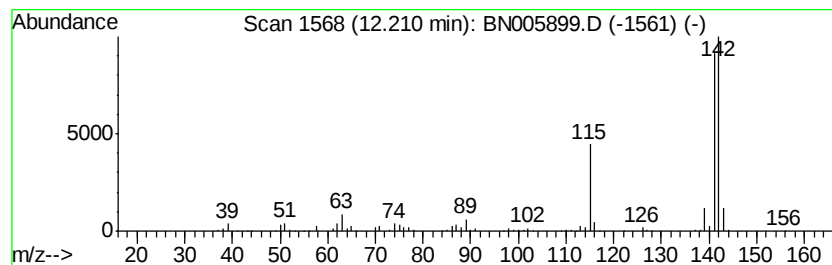
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Naphthalene, 1-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.21	36.93 ng/ul	1339050	Naphthalene-d8	10.32
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 2-methyl-	142 C11H10	000091-57-6 97
2		Naphthalene, 2-methyl-	142 C11H10	000091-57-6 96
3		Naphthalene, 1-methyl-	142 C11H10	000090-12-0 96
4		Naphthalene, 1-methyl-	142 C11H10	000090-12-0 94
5		1,4-Methanonaphthalene, 1,4-dihy...	142 C11H10	004453-90-1 94



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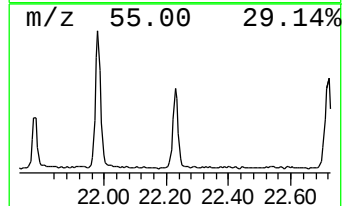
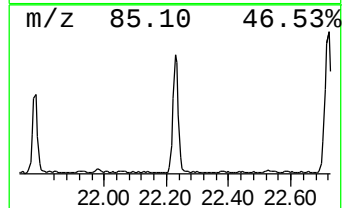
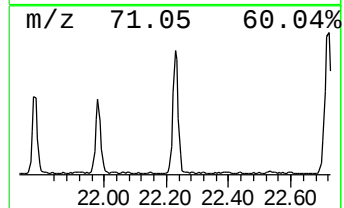
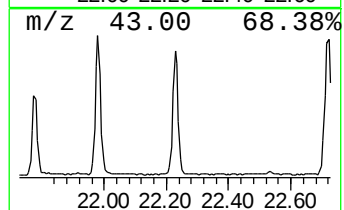
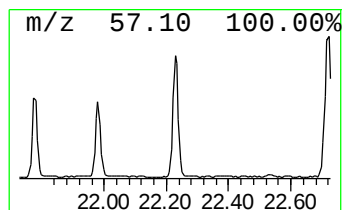
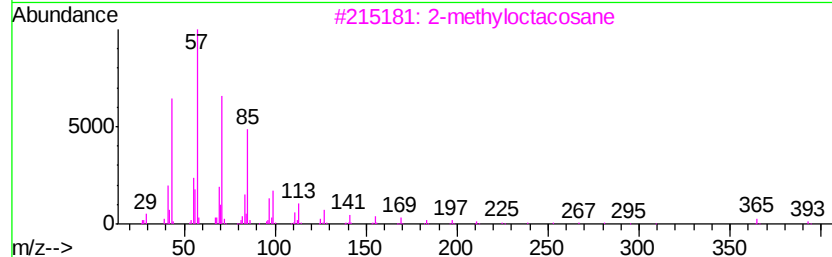
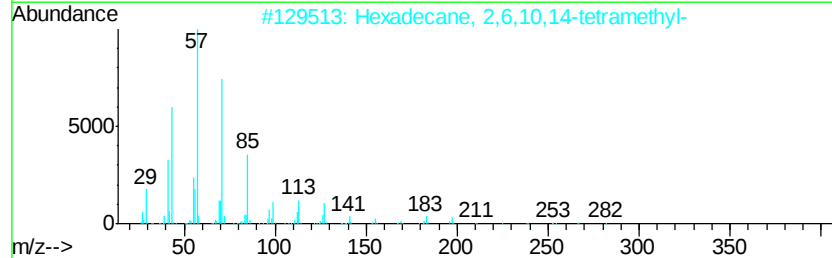
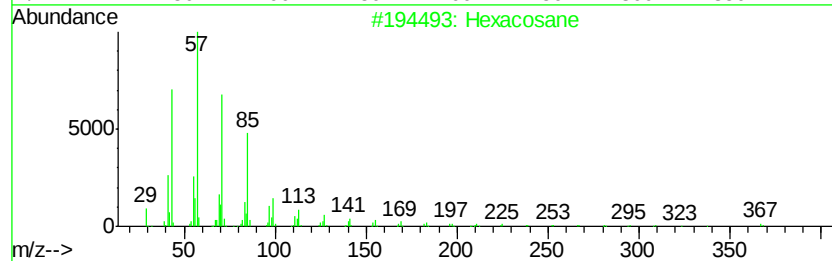
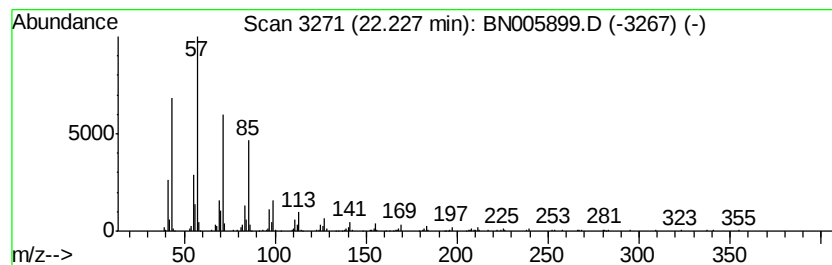
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Quant Title : SVOA CALIBRATION

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

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.23	2.74 ng/ul	580698	Chrysene-d12	21.19

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexacosane	366	C26H54	000630-01-3	94
2		Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	92
3		2-methyloctacosane	408	C29H60	1000376-72-8	91
4		Heneicosane	296	C21H44	000629-94-7	91
5		Heneicosane	296	C21H44	000629-94-7	91



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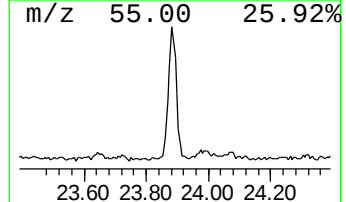
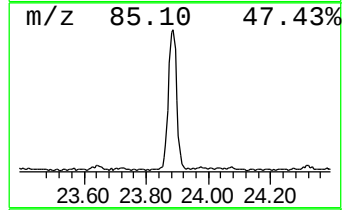
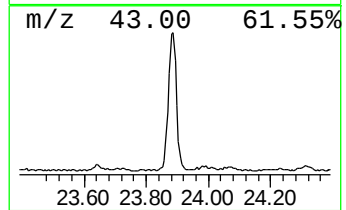
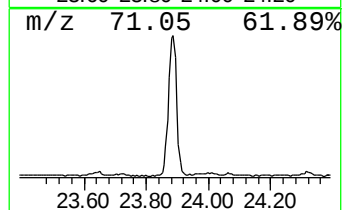
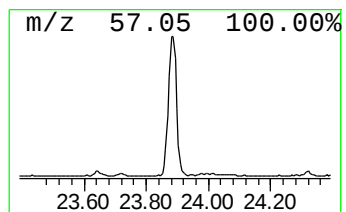
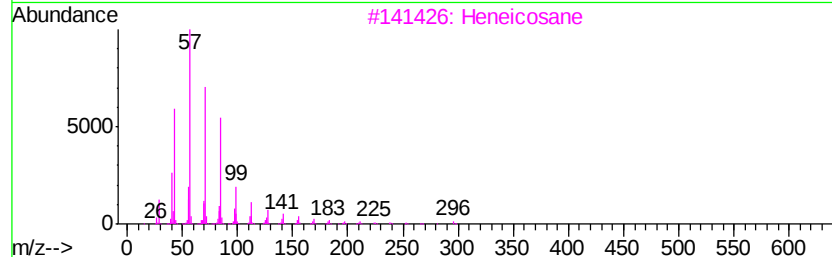
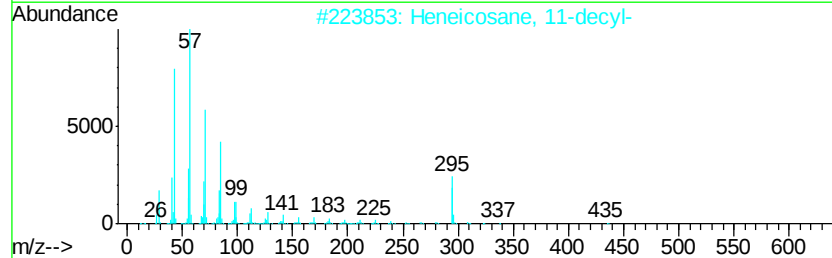
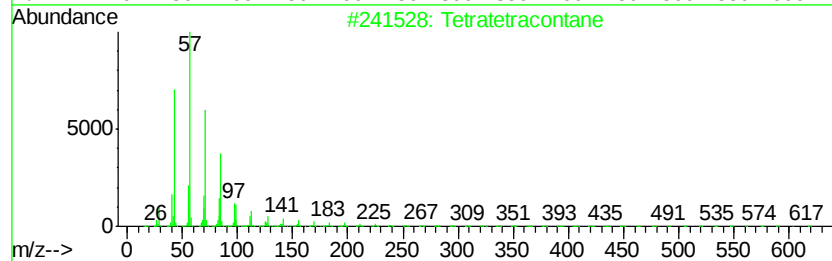
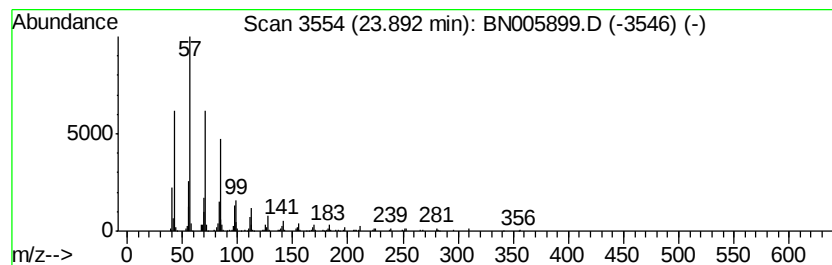
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.89	7.79 ng/ul	684299	Perylene-d12	23.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetratetracontane	619	C44H90	007098-22-8	94
2		Heneicosane, 11-decyl-	437	C31H64	055320-06-4	91
3		Heneicosane	296	C21H44	000629-94-7	91
4		2-methyloctacosane	408	C29H60	1000376-72-8	91
5		Hentriacontane	437	C31H64	000630-04-6	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN052419\
Data File : BN005899.D
Acq On : 24 May 2019 20:36
Operator : JU/SJ
Sample : K2928-19
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A42F1

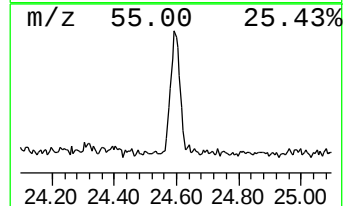
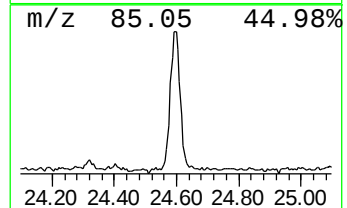
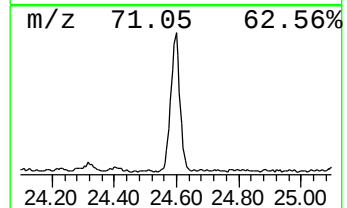
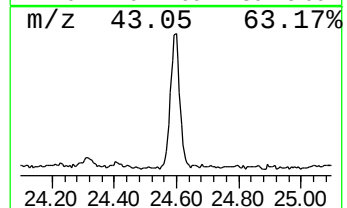
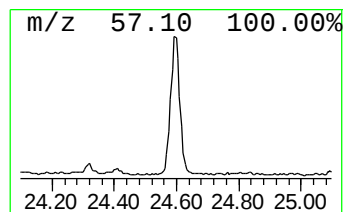
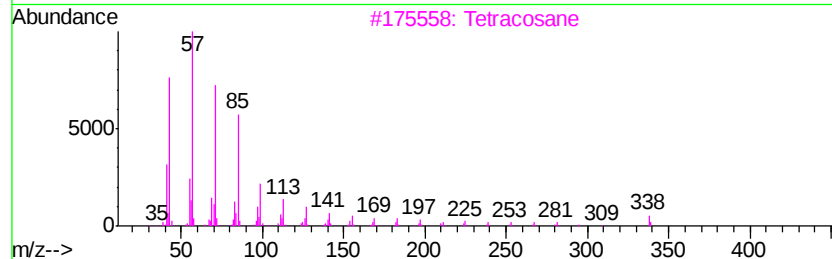
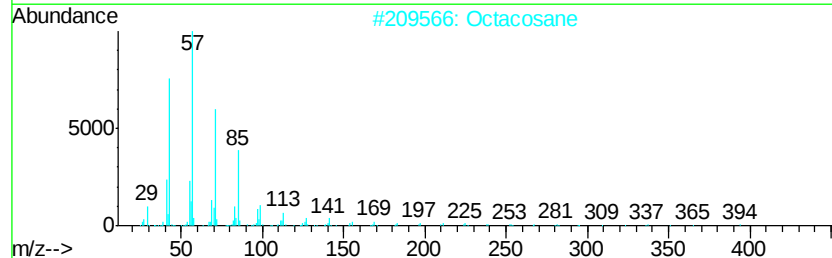
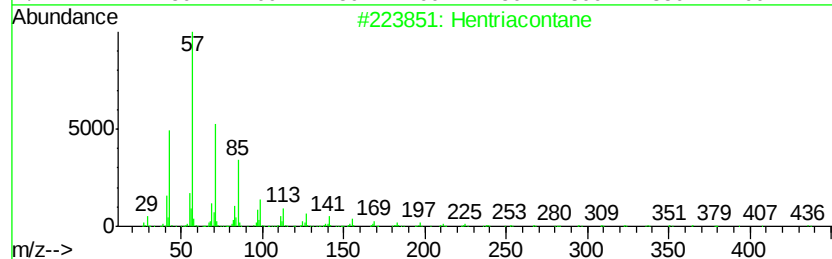
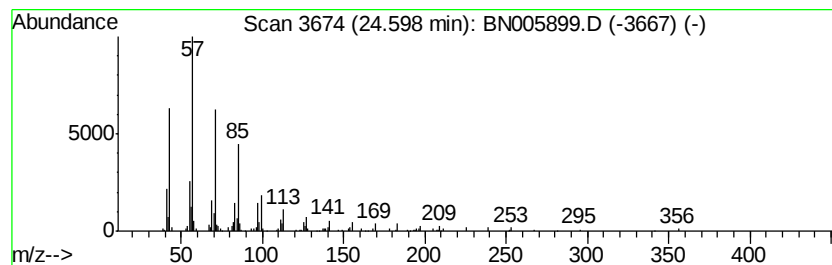
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.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.
24.60	4.53 ng/ul	397369	Perylene-d12	23.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hentriacontane	437	C31H64	000630-04-6	91
2		Octacosane	394	C28H58	000630-02-4	91
3		Tetracosane	338	C24H50	000646-31-1	91
4		Tetracosane	338	C24H50	000646-31-1	91
5		Tetratetracontane	619	C44H90	007098-22-8	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN052419\
Data File : BN005899.D
Acq On : 24 May 2019 20:36
Operator : JU/SJ
Sample : K2928-19
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A42F1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN051819MA.M
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
2-Pentanone, 4-hy...	4.75	4.8	ng/ul	116151	1	7.55	485641	20.0
Naphthalene, 1-me...	12.21	36.9	ng/ul	1339050	2	10.32	725189	20.0
(DEL) Alkane: Str...	22.23	2.7	ng/ul	580698	5	21.19	4241300	20.0
(DEL) Alkane: Str...	23.89	7.8	ng/ul	684299	6	23.40	1756260	20.0
(DEL) Alkane: Str...	24.60	4.5	ng/ul	397369	6	23.40	1756260	20.0