

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020321\
 Data File : BN013561.D
 Acq On : 03 Feb 2021 17:56
 Operator : CG/JU
 Sample : M1299-05
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0A54

Integration Parameters: LSCINT.P

Integrator: RTE

Soothing : OFF

Filtering: 5

Sampling : 1

Min Area: 0.1 % 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

Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN012921MA.M
 Title : SVOA CALIBRATION

Signal : TIC: BN013561.D

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.158	9	12	22	rVB	73377	96374	0.95%	0.110%
2	3.769	113	116	120	rBV5	10603	14917	0.15%	0.017%
3	3.864	128	132	137	rVB	23359	28784	0.28%	0.033%
4	4.211	186	191	198	rVB2	33831	48386	0.48%	0.055%
5	4.752	278	283	292	rVB3	13135	19059	0.19%	0.022%
6	5.640	428	434	442	rVB2	37455	68538	0.68%	0.078%
7	6.734	612	620	634	rVB	419440	705549	6.98%	0.805%
8	6.905	642	649	662	rBV	1150268	1812768	17.93%	2.069%
9	7.093	674	681	692	rBV	1345417	2058088	20.36%	2.349%
10	7.205	695	700	705	rBV6	8371	14746	0.15%	0.017%
11	7.557	753	760	767	rBV	1093609	1647214	16.29%	1.880%
12	7.628	767	772	777	rVB	80339	117010	1.16%	0.134%
13	8.169	857	864	869	rBV6	5841	14301	0.14%	0.016%
14	8.257	872	879	891	rVV	1005724	1599964	15.82%	1.827%
15	8.369	891	898	903	rVB	34309	60528	0.60%	0.069%
16	8.640	939	944	948	rBV	69643	108536	1.07%	0.124%
17	8.699	948	954	966	rVB	1389058	2229659	22.05%	2.545%
18	8.875	978	984	988	rBV7	13878	22229	0.22%	0.025%
19	9.151	1025	1031	1038	rBV	52064	80052	0.79%	0.091%
20	9.410	1068	1075	1082	rBV	1138254	1801060	17.81%	2.056%
21	9.469	1082	1085	1089	rVB5	8492	12799	0.13%	0.015%
22	9.599	1100	1107	1113	rBV3	15932	38592	0.38%	0.044%
23	9.834	1141	1147	1151	rBV2	8886	14476	0.14%	0.017%
24	9.946	1157	1166	1180	rBV	1733267	2854587	28.23%	3.259%
25	10.104	1189	1193	1199	rVB6	6922	13427	0.13%	0.015%
26	10.187	1202	1207	1211	rBV6	6789	11231	0.11%	0.013%
27	10.234	1211	1215	1220	rVV5	15299	25872	0.26%	0.030%
28	10.316	1220	1229	1237	rVV	1454931	2471299	24.44%	2.821%
29	10.381	1237	1240	1245	rVV5	21747	32201	0.32%	0.037%
30	10.457	1247	1253	1263	rVB	104309	177244	1.75%	0.202%
31	11.122	1359	1366	1372	rBV5	14304	26374	0.26%	0.030%
32	11.493	1424	1429	1432	rBV5	6823	10335	0.10%	0.012%
33	11.604	1443	1448	1458	rBV2	50708	98267	0.97%	0.112%
34	11.763	1470	1475	1483	rVB8	8013	13583	0.13%	0.016%
35	11.910	1494	1500	1508	rVB2	31894	55621	0.55%	0.063%
36	12.481	1590	1597	1602	rBV5	9559	14817	0.15%	0.017%

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Smoothing : OFF

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Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN012921MA.M
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37	12.545	1602	1608	1613	rVB3	15295	24799	0.25%	0.028%
38	12.798	1646	1651	1656	rBV2	42115	63901	0.63%	0.073%
39	13.034	1686	1691	1696	rVB	43560	59314	0.59%	0.068%
40	13.104	1696	1703	1709	rBV	111484	168721	1.67%	0.193%
41	13.151	1709	1711	1720	rVB6	6695	11016	0.11%	0.013%
42	13.610	1782	1789	1794	rBV	3358818	4576802	45.27%	5.225%
43	13.651	1794	1796	1803	rVB	90376	121106	1.20%	0.138%
44	13.881	1827	1835	1846	rBV	4093554	5907638	58.43%	6.744%
45	14.116	1870	1875	1880	rVV5	9244	14760	0.15%	0.017%
46	14.192	1880	1888	1896	rVV	2197075	3329123	32.93%	3.800%
47	14.287	1899	1904	1908	rVB	34232	47907	0.47%	0.055%
48	14.392	1914	1922	1927	rBV	342271	478893	4.74%	0.547%
49	14.810	1989	1993	1996	rVB3	9432	12374	0.12%	0.014%
50	14.881	2000	2005	2011	rBV	31041	48615	0.48%	0.055%
51	15.022	2024	2029	2034	rBV2	21737	40246	0.40%	0.046%
52	15.081	2036	2039	2043	rVB4	9186	12396	0.12%	0.014%
53	15.192	2051	2058	2067	rBV	5394117	7382511	73.02%	8.428%
54	15.310	2072	2078	2088	rBV	1565511	2132713	21.09%	2.435%
55	15.434	2094	2099	2104	rVV	64128	85128	0.84%	0.097%
56	15.486	2104	2108	2113	rVB8	7144	10760	0.11%	0.012%
57	15.563	2117	2121	2125	rVB3	13821	20871	0.21%	0.024%
58	15.769	2149	2156	2157	rBV5	8820	14372	0.14%	0.016%
59	15.981	2187	2192	2196	rVB5	21526	37938	0.38%	0.043%
60	16.104	2208	2213	2220	rVB6	6040	13193	0.13%	0.015%
61	16.198	2224	2229	2234	rBV2	24092	28898	0.29%	0.033%
62	16.557	2285	2290	2293	rVB4	7793	11134	0.11%	0.013%
63	16.622	2297	2301	2305	rVB5	10828	12625	0.12%	0.014%
64	16.733	2314	2320	2327	rVB3	17187	31010	0.31%	0.035%
65	16.892	2342	2347	2349	rBV6	7583	13164	0.13%	0.015%
66	16.939	2349	2355	2363	rVB	2652299	3768602	37.27%	4.302%
67	17.039	2366	2372	2383	rBV2	5907363	8400906	83.09%	9.590%
68	17.245	2405	2407	2412	rVB3	11611	13166	0.13%	0.015%
69	17.469	2442	2445	2448	rBV5	8947	12773	0.13%	0.015%
70	17.628	2467	2472	2480	rBV	652818	783856	7.75%	0.895%
71	17.863	2508	2512	2519	rBV	161954	245832	2.43%	0.281%
72	17.928	2519	2523	2529	rVB	32252	52672	0.52%	0.060%
73	18.110	2550	2554	2556	rBV5	8689	10965	0.11%	0.013%
74	18.163	2560	2563	2570	rVB5	17472	26371	0.26%	0.030%
75	18.739	2658	2661	2666	rBV7	9315	15537	0.15%	0.018%
76	18.804	2669	2672	2676	rVB4	20593	23101	0.23%	0.026%

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 Sampling : 1 Min Area: 0.1 % 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 >
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77	18.975	2697	2701	2707	rVV	67139	94265	0.93%	0.108%
78	19.151	2727	2731	2740	rBV2	68949	103992	1.03%	0.119%
79	19.233	2740	2745	2749	rVB	62345	84253	0.83%	0.096%
80	19.345	2758	2764	2771	rBV2	7213623	9765742	96.59%	11.148%
81	19.922	2860	2862	2866	rVB5	9905	11577	0.11%	0.013%
82	19.963	2866	2869	2873	rBV6	9947	15453	0.15%	0.018%
83	20.292	2923	2925	2928	rVB4	11920	10401	0.10%	0.012%
84	20.392	2940	2942	2945	rBV3	10015	11796	0.12%	0.013%
85	20.880	3020	3025	3032	rBV	442961	595606	5.89%	0.680%
86	21.145	3064	3070	3076	rBV	3500461	4288950	42.42%	4.896%
87	21.321	3098	3100	3104	rVB4	33291	36673	0.36%	0.042%
88	21.751	3170	3173	3178	rBV4	56751	86820	0.86%	0.099%
89	22.198	3246	3249	3253	rVB	96803	107977	1.07%	0.123%
90	22.686	3329	3332	3337	rVB	156547	203197	2.01%	0.232%
91	23.180	3408	3416	3422	rBV	5803216	10110672	100.00%	11.542%
92	23.233	3422	3425	3430	rVV	267165	395937	3.92%	0.452%
93	23.310	3432	3438	3450	rVB2	2422655	4449354	44.01%	5.079%
94	23.851	3525	3530	3538	rBV2	212696	398293	3.94%	0.455%
95	24.568	3648	3652	3659	rVB2	178594	342005	3.38%	0.390%

Sum of corrected areas: 87597159

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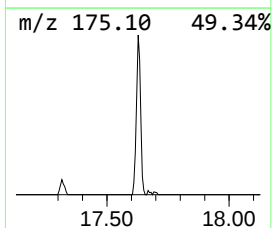
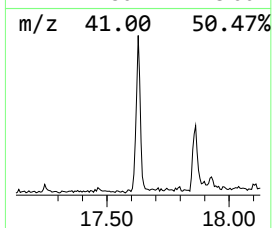
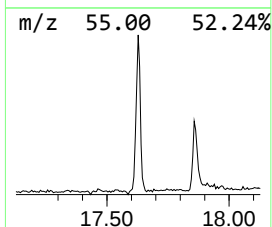
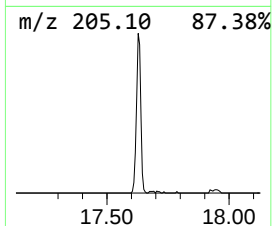
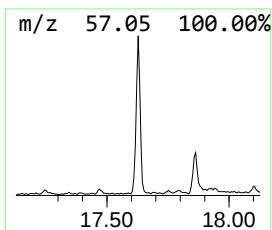
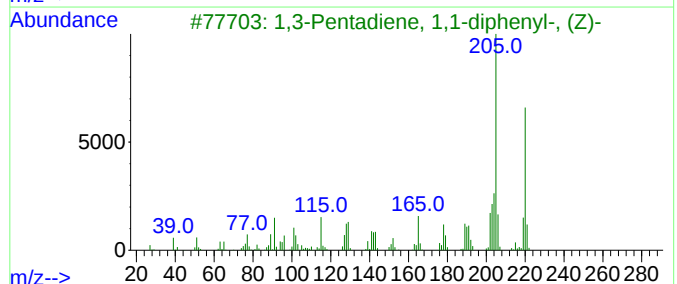
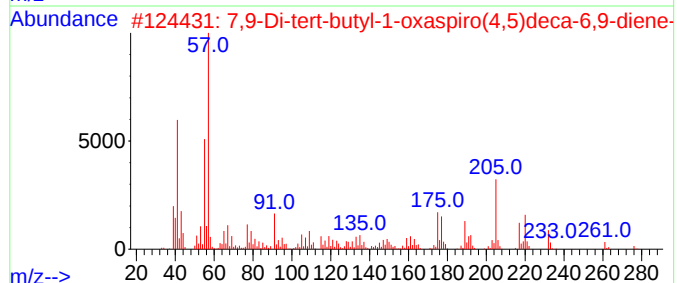
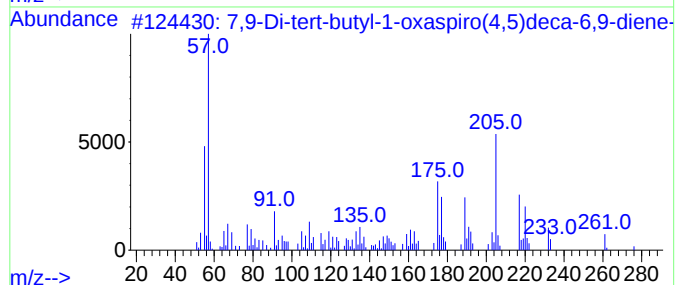
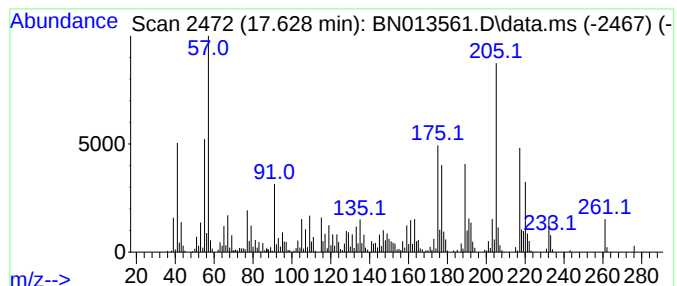
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN012921MA.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.630	4.16 ng/ul	783856	Phenanthrene-d10	16.939

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	7,9-Di-tert-butyl-1-oxaspiro(4,5...	276	C17H24O3	082304-66-3	99		
2	7,9-Di-tert-butyl-1-oxaspiro(4,5...	276	C17H24O3	082304-66-3	98		
3	1,3-Pentadiene, 1,1-diphenyl-, (Z)-	220	C17H16	015295-31-5	50		
4	Ethanone, 1-(5,6,7,8-tetrahydro-...	220	C14H20O2	071596-88-8	50		
5	2,5-di-tert-Butyl-1,4-benzoquinone	220	C14H20O2	002460-77-7	44		



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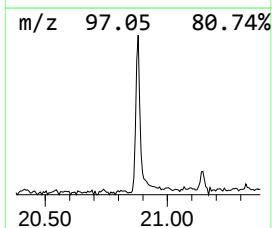
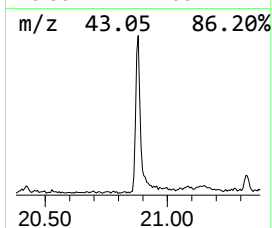
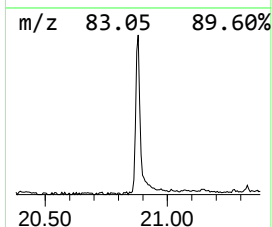
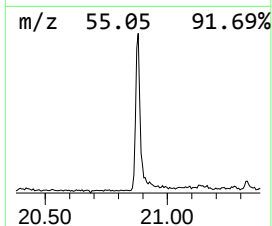
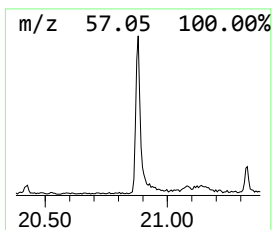
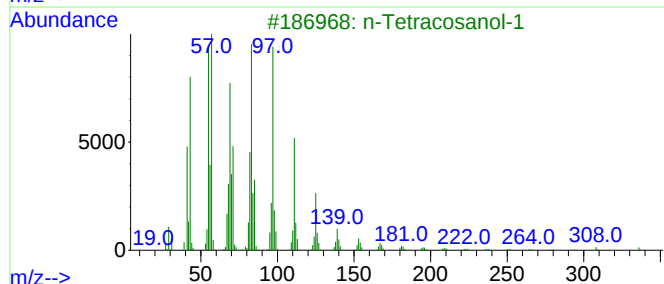
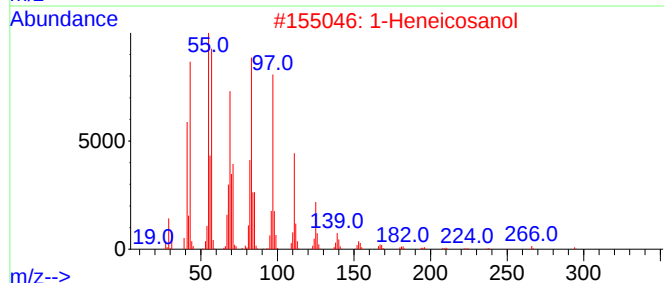
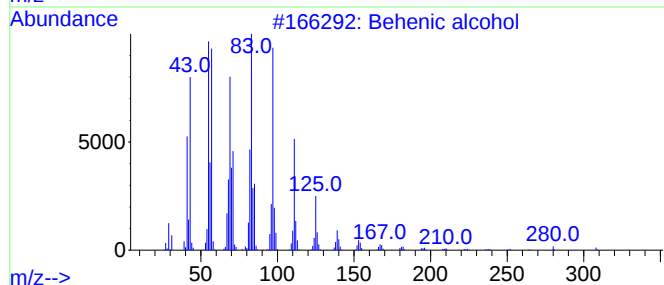
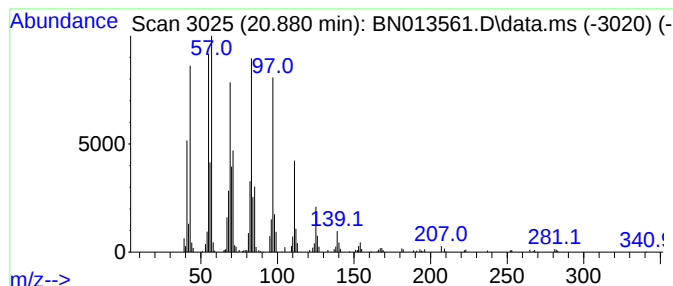
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Quant Title : SVOA CALIBRATION

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

Peak Number 2 Behenic alcohol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.880	2.78 ng/ul	595606	Chrysene-d12	21.145

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Behenic alcohol	326	C22H46O	000661-19-8	95
2			1-Heneicosanol	312	C21H44O	015594-90-8	95
3			n-Tetracosanol-1	354	C24H50O	000506-51-4	93
4			Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	93
5			Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	93



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
7,9-Di-tert-but...	17.630	4.2	ng/ul	783856	4	16.939	3768600	20.0
Behenic alcohol	20.880	2.8	ng/ul	595606	5	21.145	4288950	20.0