

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061919\
 Data File : BN006420.D
 Acq On : 20 Jun 2019 06:08
 Operator : JU/SJ
 Sample : K3335-19
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4238

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-BN061919MA.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	3.140	23	26	37	rVB3	20553	38691	0.43%	0.052%
2	3.858	146	148	154	rVB3	8673	12516	0.14%	0.017%
3	4.222	206	210	219	rVB	36439	59559	0.66%	0.080%
4	5.575	436	440	446	rBV3	6013	12964	0.14%	0.017%
5	5.687	453	459	467	rBV	30162	53503	0.59%	0.072%
6	6.669	621	626	634	rBV6	7301	22032	0.24%	0.030%
7	6.805	641	649	663	rVB	279790	507287	5.63%	0.683%
8	6.963	670	676	691	rBV	927525	1430015	15.86%	1.926%
9	7.158	703	709	719	rBV	949133	1532605	17.00%	2.064%
10	7.622	782	788	796	rBV	753878	1243585	13.79%	1.675%
11	7.687	796	799	811	rVB	34948	66738	0.74%	0.090%
12	8.334	903	909	926	rBV	784349	1325773	14.71%	1.786%
13	8.452	926	929	936	rVB	8168	15151	0.17%	0.020%
14	8.716	968	974	979	rBV	42402	73870	0.82%	0.100%
15	8.781	979	985	1008	rVV	1141204	1897893	21.05%	2.557%
16	8.946	1008	1013	1022	rVB5	18293	35532	0.39%	0.048%
17	9.499	1100	1107	1125	rBV	929849	1554949	17.25%	2.095%
18	9.675	1130	1137	1143	rVB6	7740	19648	0.22%	0.026%
19	9.769	1146	1153	1158	rBV8	10314	23214	0.26%	0.031%
20	10.034	1192	1198	1219	rBV	1299697	2314869	25.68%	3.118%
21	10.328	1243	1248	1254	rBV	22701	38166	0.42%	0.051%
22	10.404	1254	1261	1269	rVV	1197115	1986104	22.03%	2.675%
23	10.463	1269	1271	1277	rVB4	13398	18080	0.20%	0.024%
24	10.563	1282	1288	1298	rBV2	41107	85667	0.95%	0.115%
25	10.946	1348	1353	1359	rBV2	13753	28231	0.31%	0.038%
26	11.010	1359	1364	1380	rVB	14130	37932	0.42%	0.051%
27	11.228	1396	1401	1410	rBV6	10287	32194	0.36%	0.043%
28	11.722	1478	1485	1498	rBV	54066	118188	1.31%	0.159%
29	11.946	1516	1523	1529	rBV4	6750	11837	0.13%	0.016%
30	12.010	1529	1534	1541	rVV	18917	30141	0.33%	0.041%
31	12.875	1675	1681	1689	rBV4	12767	22232	0.25%	0.030%
32	13.204	1726	1737	1742	rBV	83268	149903	1.66%	0.202%
33	13.693	1814	1820	1836	rBV	3047536	4135454	45.87%	5.571%
34	13.969	1860	1867	1877	rBV	3266591	4860013	53.91%	6.547%

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35	14.240	1907	1913	1915	rBV	84175	130667	1.45%	0.176%
36	14.281	1915	1920	1930	rVV2	1954642	2946867	32.69%	3.970%
37	14.363	1930	1934	1939	rVB2	38765	53822	0.60%	0.072%
38	14.510	1953	1959	1978	rBV	147994	367702	4.08%	0.495%
39	14.963	2031	2036	2046	rVB	67958	107399	1.19%	0.145%
40	15.087	2053	2057	2069	rVB	32104	45603	0.51%	0.061%
41	15.281	2083	2090	2107	rBV	4335620	6191445	68.68%	8.340%
42	15.416	2107	2113	2127	rVV	1271741	1924653	21.35%	2.593%
43	15.522	2127	2131	2137	rVB	53307	83914	0.93%	0.113%
44	15.651	2149	2153	2157	rBV2	10441	14714	0.16%	0.020%
45	16.634	2316	2320	2325	rVB	10826	13777	0.15%	0.019%
46	17.034	2382	2388	2399	rBV	2436169	3501495	38.84%	4.717%
47	17.134	2399	2405	2423	rVV2	4599072	6812967	75.57%	9.177%
48	17.269	2423	2428	2434	rVV	59296	84859	0.94%	0.114%
49	17.328	2435	2438	2442	rVB2	9033	10959	0.12%	0.015%
50	17.710	2498	2503	2508	rBV	1025995	1213971	13.47%	1.635%
51	17.939	2537	2542	2546	rBV5	12533	20500	0.23%	0.028%
52	18.010	2550	2554	2555	rBV	12244	12511	0.14%	0.017%
53	18.033	2555	2558	2561	rVB2	21041	23515	0.26%	0.032%
54	18.186	2581	2584	2588	rBV	28410	34337	0.38%	0.046%
55	19.080	2731	2736	2742	rBV	42354	58245	0.65%	0.078%
56	19.233	2759	2762	2768	rBV5	11639	17580	0.20%	0.024%
57	19.333	2775	2779	2784	rVB	39790	50477	0.56%	0.068%
58	19.445	2792	2798	2814	rBV	5854820	8040052	89.19%	10.830%
59	19.992	2887	2891	2897	rVB8	6909	12095	0.13%	0.016%
60	20.498	2974	2977	2980	rBV4	10475	11615	0.13%	0.016%
61	20.969	3054	3057	3063	rVB4	17366	24196	0.27%	0.033%
62	21.251	3100	3105	3119	rBV	3155301	4110687	45.60%	5.537%
63	21.410	3129	3132	3136	rVB	29978	28611	0.32%	0.039%
64	21.839	3202	3205	3211	rVB	55586	63633	0.71%	0.086%
65	22.298	3279	3283	3289	rBV	118916	146223	1.62%	0.197%
66	22.798	3364	3368	3374	rVB	135271	180369	2.00%	0.243%
67	23.345	3453	3461	3476	rBV	4837231	9014939	100.00%	12.143%
68	23.480	3477	3484	3496	rVB	2363107	4419564	49.02%	5.953%
69	23.986	3565	3570	3577	rBV	140271	256777	2.85%	0.346%
70	24.721	3690	3695	3703	rVB	122304	245903	2.73%	0.331%
71	25.580	3837	3841	3848	rVB2	78715	166275	1.84%	0.224%

LSC Area Percent Report

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Integrator: RTE
Smoothing : 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-BN061919MA.M
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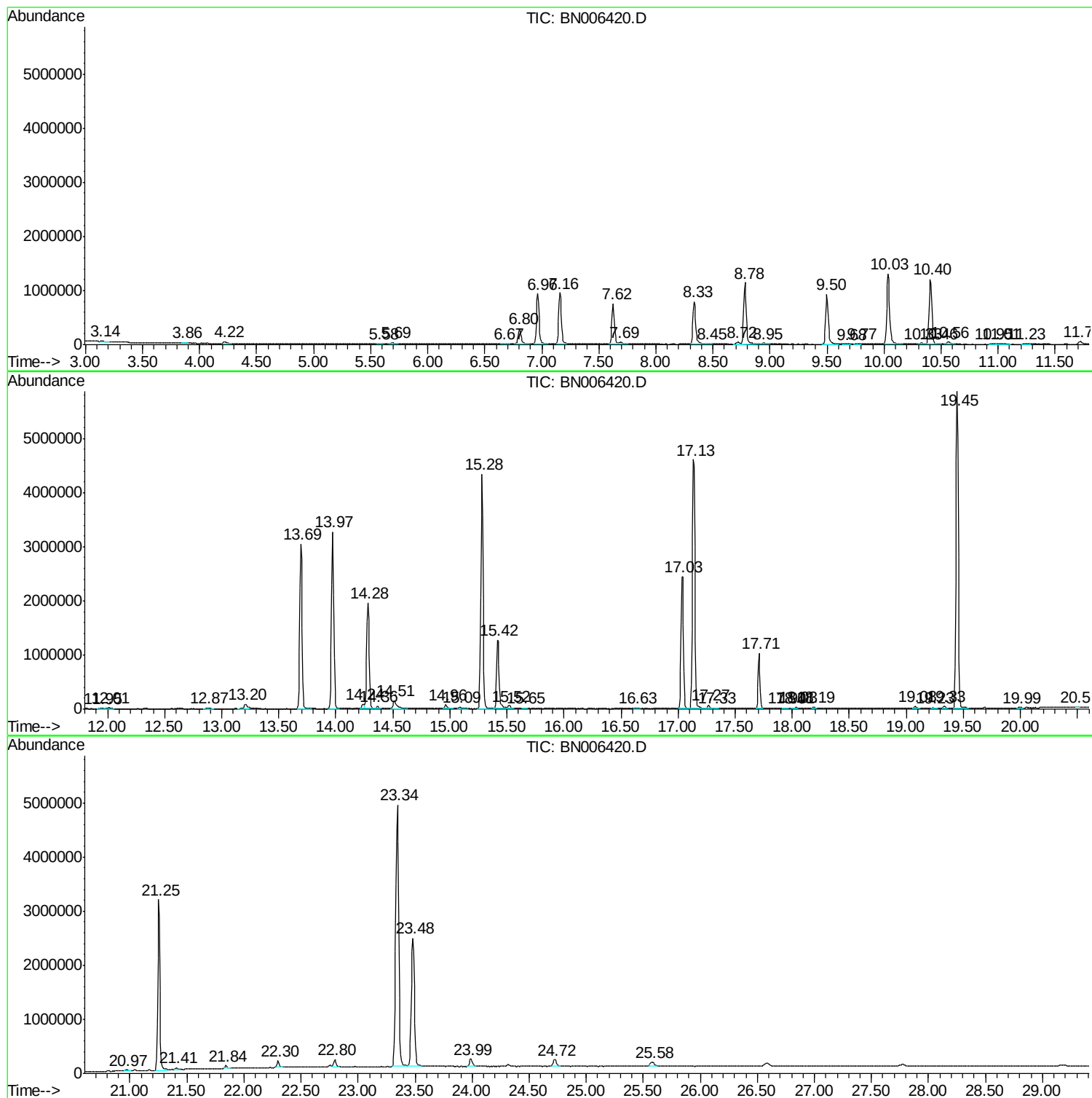
Sum of corrected areas: 74237454

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061919MA.M
Quant Title : SVOA CALIBRATION

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



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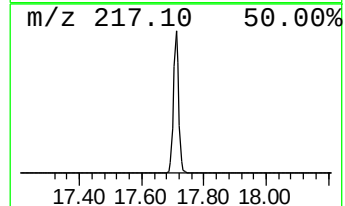
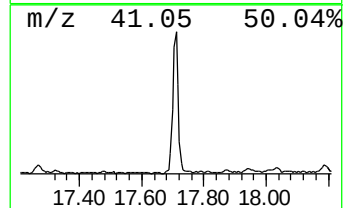
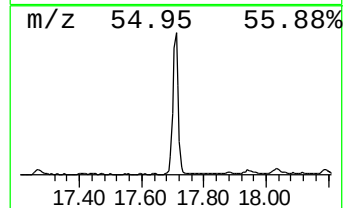
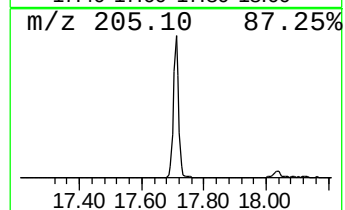
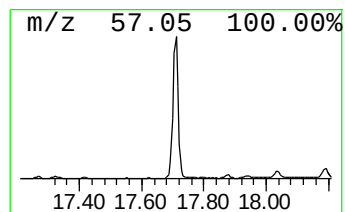
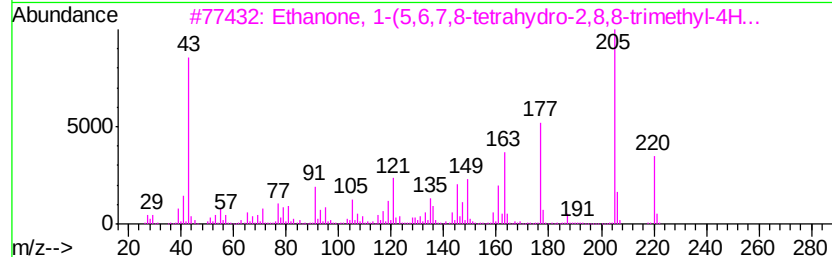
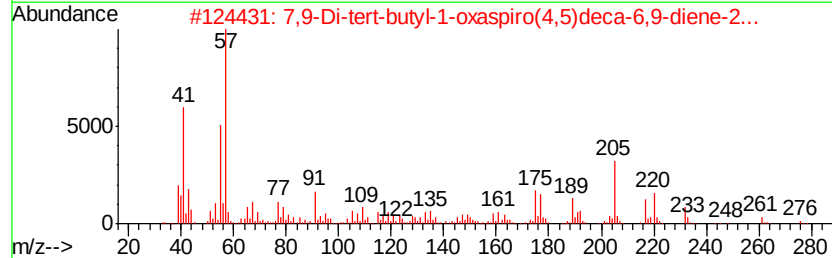
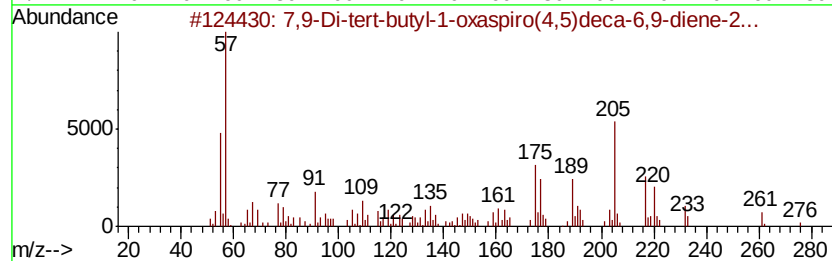
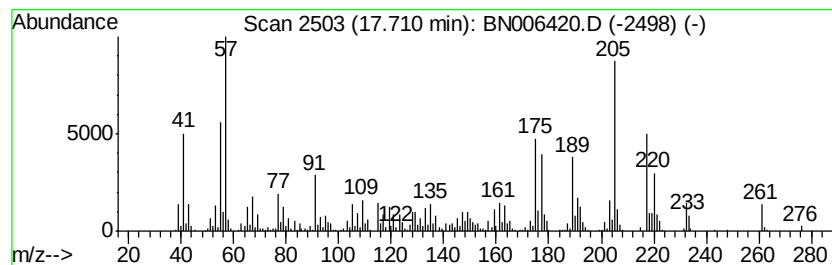
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.	
17.71	6.93 ng/ul	1213970	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	97
3	Ethanone, 1-(5,6,7,8-tetrahydro-2,8,8-trimethyl-4H-cyclopenta[1,3]cyclopropa[1,2-b]pyridine-4-yl)-	220	C14H20O2	071596-88-8	50
4	3H-Cyclopenta[1,3]cyclopropa[1,2-b]pyridine	220	C14H20O2	066708-18-7	41
5	9-Acetylphenanthrene	220	C16H12O	002039-77-2	38



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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
7,9-Di-tert-butyl...	17.71	6.9	ng/ul	1213970	4	17.03	3501500	20.0