

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122321\
 Data File : BP008537.D
 Acq On : 23 Dec 2021 22:13
 Operator : CG/JU
 Sample : M5090-17
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 BG3E3

Integration Parameters: LSCINT.P

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_P\METHODS\SFAM-EPA-BP122321.M
 Title : SVOA CALIBRATION

Signal : TIC: BP008537.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.017	3	5	14	rVB	2475608	3654172	24.41%	2.705%
2	3.093	14	18	33	rVB	1806742	2667991	17.82%	1.975%
3	3.352	58	62	72	rVB	96802	148846	0.99%	0.110%
4	3.764	129	132	144	rVB	122942	192357	1.28%	0.142%
5	4.099	185	189	199	rVB	58918	92215	0.62%	0.068%
6	4.458	246	250	259	rVB	112243	164996	1.10%	0.122%
7	5.017	341	345	349	rVB	30462	41505	0.28%	0.031%
8	5.405	407	411	416	rBV6	15073	29138	0.19%	0.022%
9	5.834	480	484	489	rVB5	10425	19961	0.13%	0.015%
10	5.987	508	510	519	rVB3	14146	26224	0.18%	0.019%
11	6.558	602	607	614	rVB	85697	128334	0.86%	0.095%
12	6.775	639	644	649	rBV3	11381	19956	0.13%	0.015%
13	7.058	679	692	702	rBV2	358202	824032	5.50%	0.610%
14	7.234	715	722	738	rVB	1258291	2131376	14.24%	1.578%
15	7.434	749	756	766	rBV	1255640	2030085	13.56%	1.503%
16	7.905	828	836	845	rBV	1671165	2820245	18.84%	2.088%
17	7.975	845	848	854	rVB	158884	224705	1.50%	0.166%
18	8.158	872	879	885	rBV8	17893	40221	0.27%	0.030%
19	8.505	933	938	946	rBV5	34908	66050	0.44%	0.049%
20	8.605	948	955	961	rBV	1018990	1684211	11.25%	1.247%
21	8.722	970	975	982	rVB	108101	179905	1.20%	0.133%
22	8.999	1015	1022	1026	rBV	164384	273600	1.83%	0.203%
23	9.058	1026	1032	1045	rVB	1555933	2637838	17.62%	1.953%
24	9.234	1057	1062	1069	rVB4	48311	79790	0.53%	0.059%
25	9.781	1145	1155	1163	rBV	991013	1664280	11.12%	1.232%
26	10.010	1191	1194	1203	rVB10	9720	19012	0.13%	0.014%
27	10.116	1207	1212	1218	rVB9	18514	34566	0.23%	0.026%
28	10.234	1226	1232	1237	rBV8	12443	21356	0.14%	0.016%
29	10.322	1237	1247	1255	rBV	1876217	3173498	21.20%	2.349%
30	10.493	1268	1276	1281	rVB	8426	20754	0.14%	0.015%
31	10.616	1281	1297	1304	rBV4	72452	175284	1.17%	0.130%
32	10.705	1304	1312	1319	rVV	2406792	4101775	27.40%	3.036%
33	10.769	1319	1323	1327	rVV4	38092	65797	0.44%	0.049%
34	10.834	1327	1334	1347	rVB	970136	1692931	11.31%	1.253%
35	10.999	1355	1362	1368	rVB6	10349	22477	0.15%	0.017%
36	11.346	1413	1421	1431	rVB4	21625	58927	0.39%	0.044%

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122321\
 Data File : BP008537.D
 Acq On : 23 Dec 2021 22:13
 Operator : CG/JU
 Sample : M5090-17
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 BG3E3

Integration Parameters: LSCINT.P

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_P\METHODS\SFAM-EPA-BP122321.M
 Title : SVOA CALIBRATION

37	11.493	1442	1446	1454	rVB8	12430	22855	0.15%	0.017%
38	11.657	1470	1474	1482	rBV9	13460	29814	0.20%	0.022%
39	11.740	1484	1488	1495	rVB10	9428	19487	0.13%	0.014%
40	11.881	1505	1512	1516	rBV	30134	49609	0.33%	0.037%

41	11.975	1522	1528	1534	rBV	426109	678129	4.53%	0.502%
42	12.028	1534	1537	1543	rVB3	21239	36674	0.24%	0.027%
43	12.293	1576	1582	1588	rVV2	46532	79087	0.53%	0.059%
44	12.834	1668	1674	1681	rVB4	30808	61302	0.41%	0.045%
45	12.910	1681	1687	1693	rBV3	17463	29109	0.19%	0.022%

46	13.157	1723	1729	1736	rBV2	29878	51332	0.34%	0.038%
47	13.381	1760	1767	1771	rBV	20192	34164	0.23%	0.025%
48	13.446	1771	1778	1785	rVV	510170	769762	5.14%	0.570%
49	13.504	1785	1788	1794	rVV6	20812	42367	0.28%	0.031%
50	13.593	1797	1803	1815	rVB	50845	90236	0.60%	0.067%

51	13.940	1856	1862	1869	rBV	4560179	6457351	43.13%	4.780%
52	14.228	1898	1911	1922	rBV	5065746	7787407	52.02%	5.764%
53	14.322	1922	1927	1932	rVV	20717	31872	0.21%	0.024%
54	14.387	1934	1938	1943	rVB2	13480	22321	0.15%	0.017%
55	14.534	1954	1963	1971	rBV	4344182	6465039	43.18%	4.786%

56	14.622	1971	1978	1984	rVB	66970	104308	0.70%	0.077%
57	14.710	1984	1993	1999	rBV	282919	441680	2.95%	0.327%
58	14.946	2028	2033	2040	rBV4	43021	61980	0.41%	0.046%
59	15.216	2071	2079	2084	rBV3	34512	59239	0.40%	0.044%
60	15.275	2084	2089	2094	rVV4	13846	23665	0.16%	0.018%

61	15.351	2096	2102	2109	rVB3	20737	36967	0.25%	0.027%
62	15.528	2125	2132	2143	rBV	7145062	10440631	69.74%	7.728%
63	15.634	2143	2150	2159	rBV	1008934	1382442	9.23%	1.023%
64	15.769	2168	2173	2178	rVB3	37503	60748	0.41%	0.045%
65	15.893	2188	2194	2201	rVB	70544	107047	0.72%	0.079%

66	16.116	2225	2232	2235	rBV7	11398	23921	0.16%	0.018%
67	16.198	2239	2246	2253	rVB7	15002	32583	0.22%	0.024%
68	16.316	2262	2266	2272	rVB6	14019	24878	0.17%	0.018%
69	16.457	2281	2290	2294	rBV6	11539	27096	0.18%	0.020%
70	16.687	2325	2329	2335	rVB8	14304	19084	0.13%	0.014%

71	16.887	2358	2363	2367	rVV2	27299	36180	0.24%	0.027%
72	17.069	2389	2394	2403	rVB	24175	43673	0.29%	0.032%
73	17.281	2418	2430	2440	rBV	5465216	7879685	52.63%	5.833%
74	17.381	2440	2447	2458	rVV	8784659	12523741	83.66%	9.270%
75	17.469	2458	2462	2468	rVB4	38807	60720	0.41%	0.045%

76	17.581	2478	2481	2486	rVB2	16258	20759	0.14%	0.015%
----	--------	------	------	------	------	-------	-------	-------	--------

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122321\
 Data File : BP008537.D
 Acq On : 23 Dec 2021 22:13
 Operator : CG/JU
 Sample : M5090-17
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 BG3E3

Integration Parameters: LSCINT.P

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_P\METHODS\SFAM-EPA-BP122321.M
 Title : SVOA CALIBRATION

77	17.957	2539	2545	2554	rBV	962121	1217433	8.13%	0.901%
78	18.175	2577	2582	2586	rBV	86827	111408	0.74%	0.082%
79	18.245	2590	2594	2596	rBV	28333	39554	0.26%	0.029%
80	18.416	2620	2623	2627	rVB6	15068	20895	0.14%	0.015%
81	18.604	2652	2655	2661	rBV6	14082	25271	0.17%	0.019%
82	18.734	2673	2677	2681	rBV4	22134	33102	0.22%	0.025%
83	19.098	2735	2739	2744	rVB5	29103	43154	0.29%	0.032%
84	19.192	2750	2755	2759	rBV	107689	154507	1.03%	0.114%
85	19.257	2761	2766	2770	rBV	116803	151337	1.01%	0.112%
86	19.404	2787	2791	2799	rBV2	122438	165285	1.10%	0.122%
87	19.557	2814	2817	2820	rBV3	29798	35076	0.23%	0.026%
88	19.610	2820	2826	2842	rVV	11154333	14970586	100.00%	11.081%
89	19.834	2862	2864	2869	rVB4	19015	28340	0.19%	0.021%
90	20.157	2916	2919	2922	rBV2	26135	29147	0.19%	0.022%
91	20.581	2988	2991	2995	rBV5	30045	40766	0.27%	0.030%
92	20.639	2998	3001	3004	rVV2	52577	55260	0.37%	0.041%
93	21.098	3076	3079	3082	rBV2	72707	77551	0.52%	0.057%
94	21.363	3118	3124	3136	rVB	6557043	8526455	56.95%	6.311%
95	21.533	3151	3153	3159	rVB2	90447	113454	0.76%	0.084%
96	22.004	3231	3233	3238	rVB	103777	129249	0.86%	0.096%
97	23.086	3414	3417	3426	rVB	202435	317188	2.12%	0.235%
98	23.639	3503	3511	3522	rVB	6535703	13037771	87.09%	9.651%
99	23.733	3524	3527	3530	rVV	222816	370220	2.47%	0.274%
100	23.792	3530	3537	3547	rVB2	3850546	8005549	53.48%	5.926%

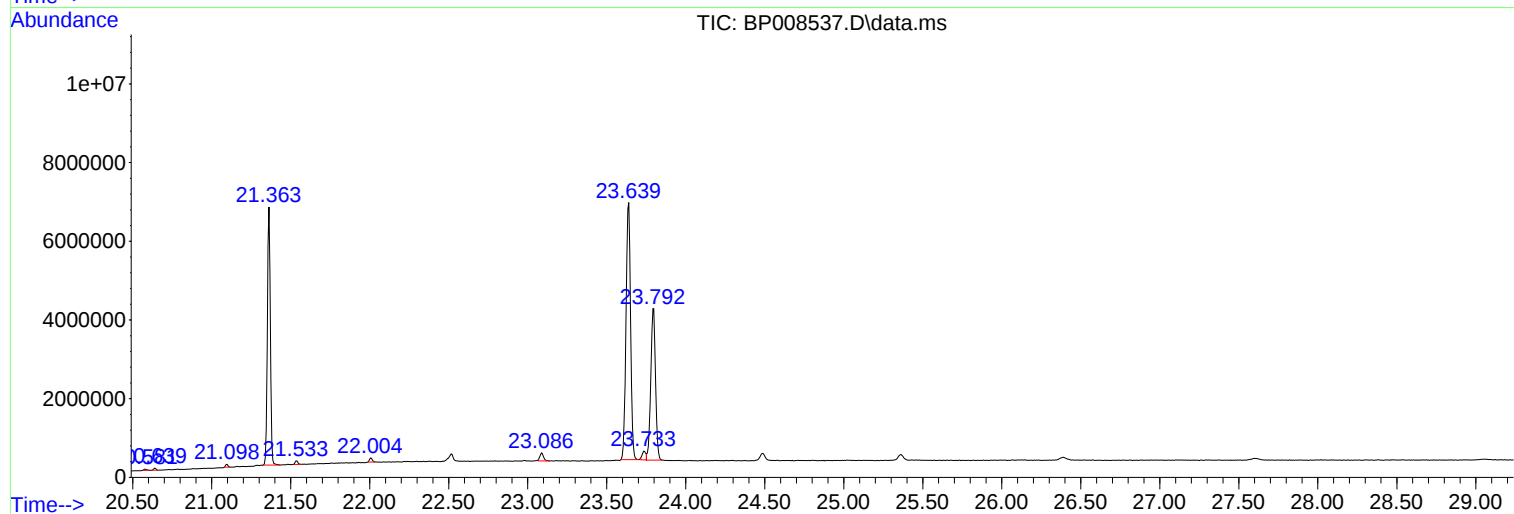
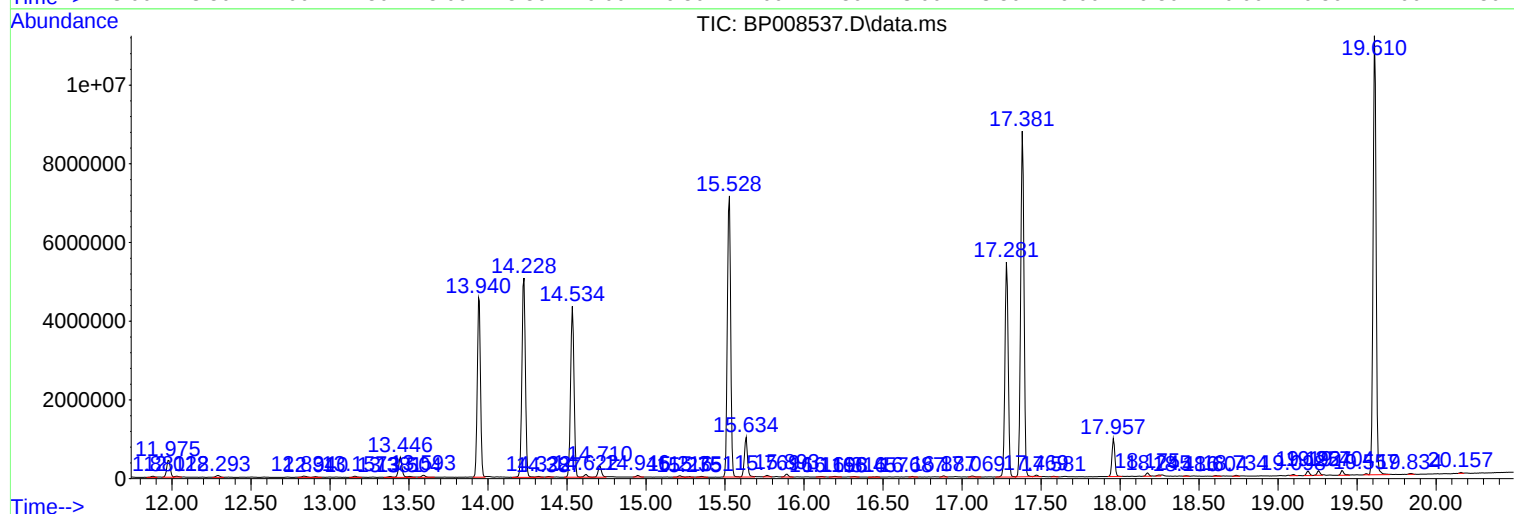
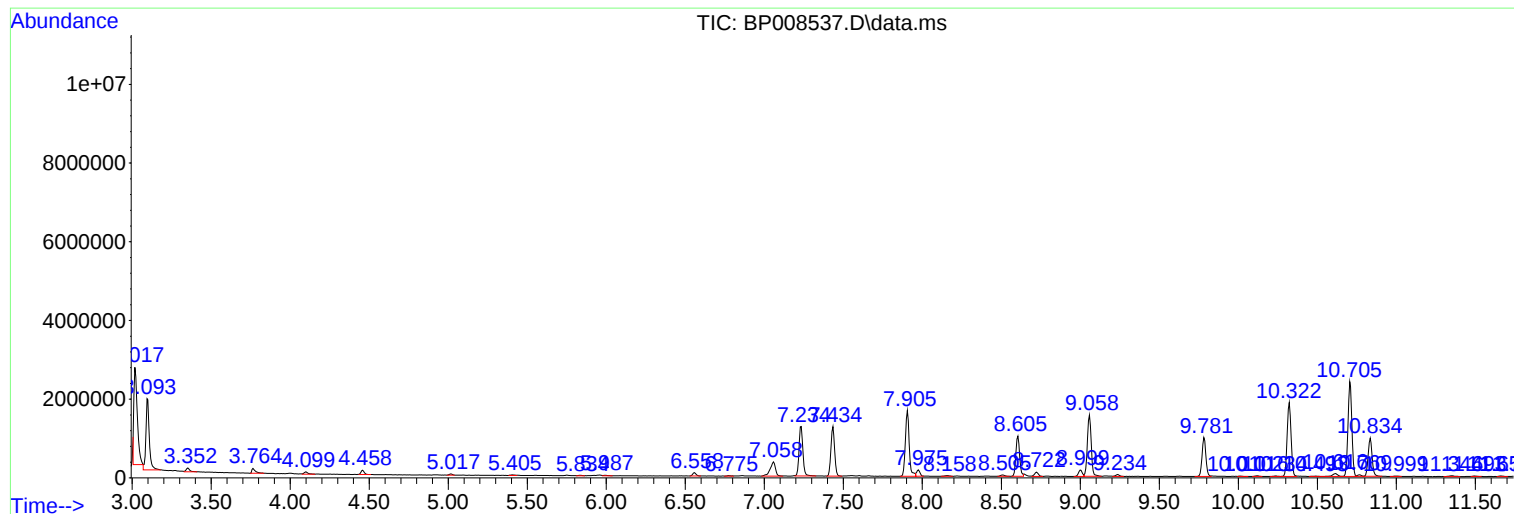
Sum of corrected areas: 135095912

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122321\
Data File : BP008537.D
Acq On : 23 Dec 2021 22:13
Operator : CG/JU
Sample : M5090-17
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BG3E3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP122321.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122321\
Data File : BP008537.D
Acq On : 23 Dec 2021 22:13
Operator : CG/JU
Sample : M5090-17
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BG3E3

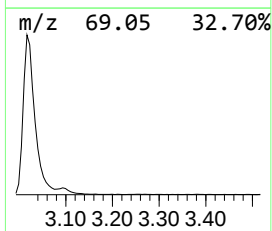
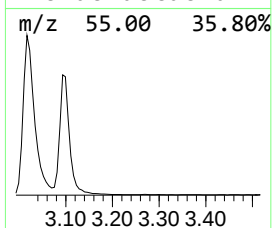
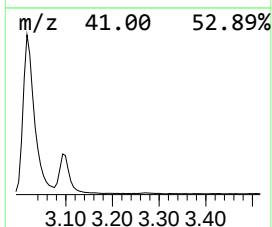
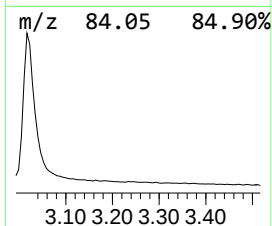
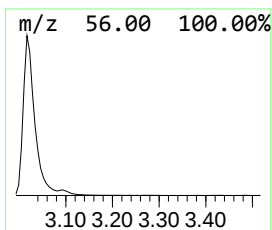
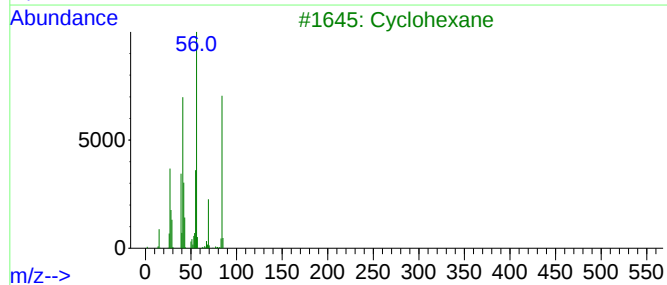
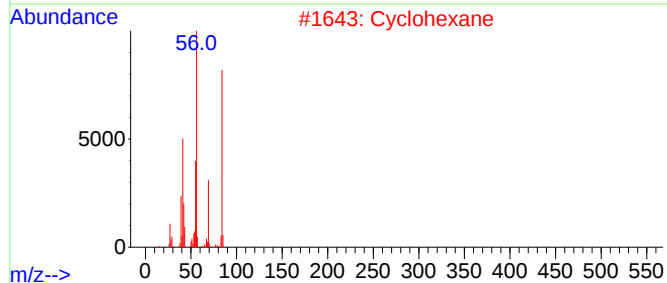
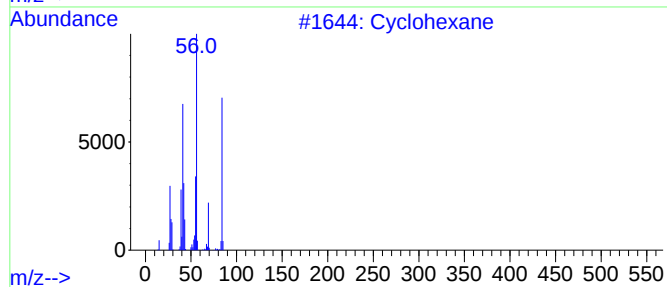
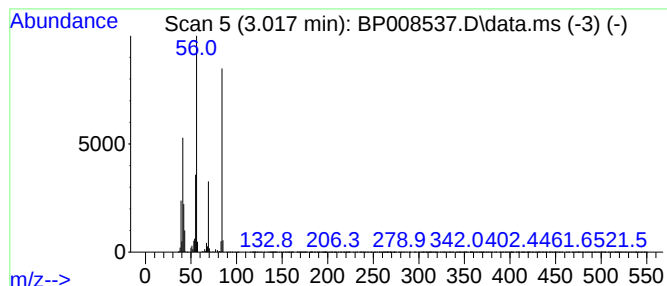
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP122321.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 (DEL) Alkane: Cyclic3.017 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.017	25.91 ng/ul	3654170	1,4-Dichlorobenzene-d4	7.905

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane	84	C6H12	000110-82-7	91
2			Cyclohexane	84	C6H12	000110-82-7	91
3			Cyclohexane	84	C6H12	000110-82-7	90
4			Cyclopentane, methyl-	84	C6H12	000096-37-7	83
5			Cyclohexane	84	C6H12	000110-82-7	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122321\
Data File : BP008537.D
Acq On : 23 Dec 2021 22:13
Operator : CG/JU
Sample : M5090-17
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BG3E3

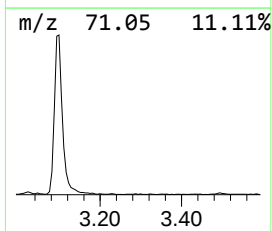
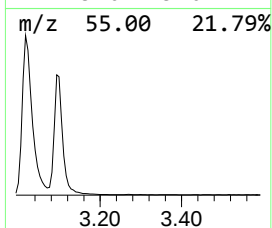
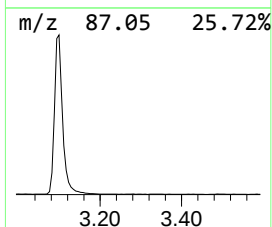
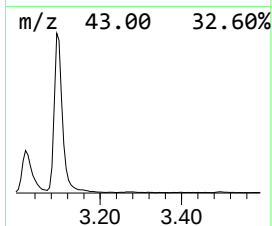
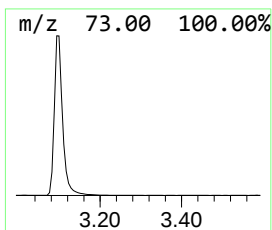
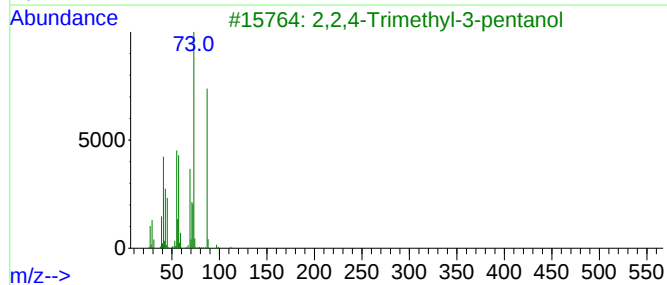
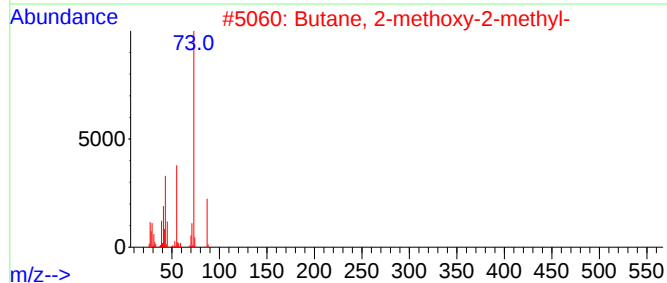
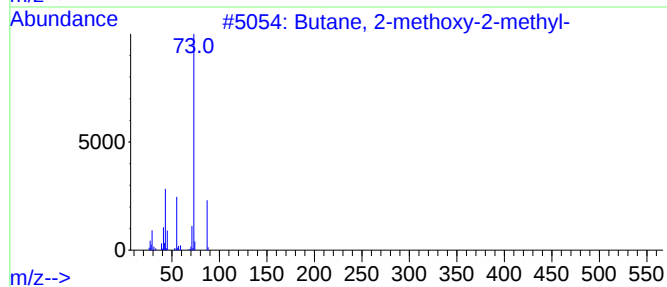
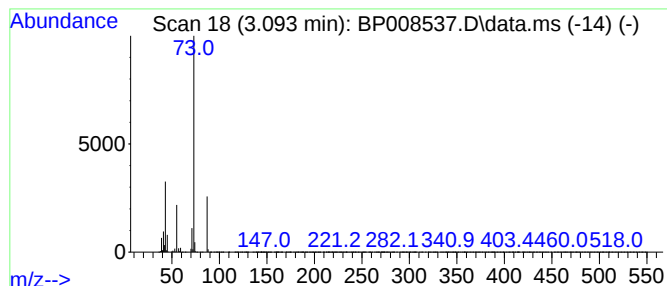
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP122321.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.093	18.92 ng/ul	2667990	1,4-Dichlorobenzene-d4	7.905

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	90
2			Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	64
3			2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	43
4			1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	23
5			Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122321\
Data File : BP008537.D
Acq On : 23 Dec 2021 22:13
Operator : CG/JU
Sample : M5090-17
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BG3E3

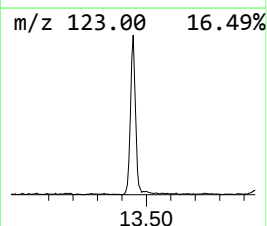
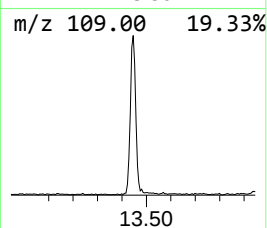
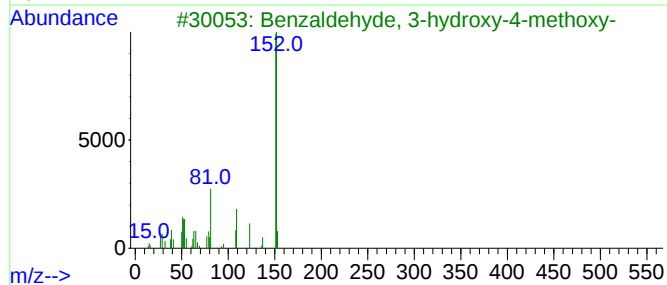
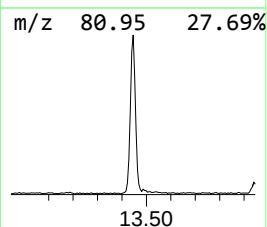
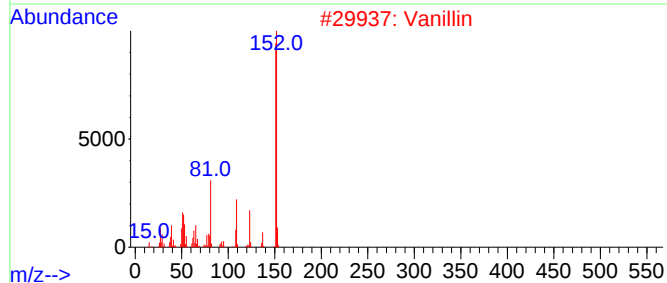
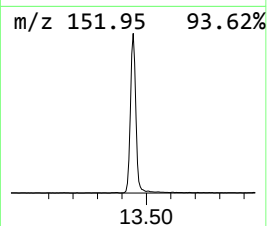
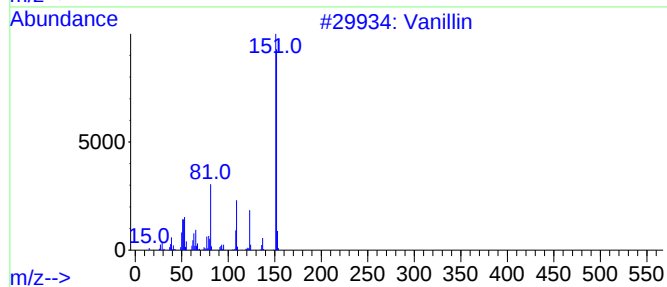
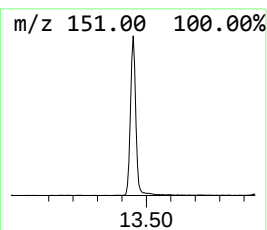
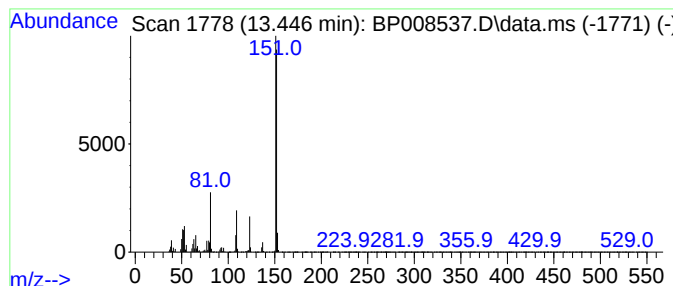
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP122321.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Vanillin Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.446	2.38 ng/ul	769762	Acenaphthene-d10	14.534

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122321\
Data File : BP008537.D
Acq On : 23 Dec 2021 22:13
Operator : CG/JU
Sample : M5090-17
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BG3E3

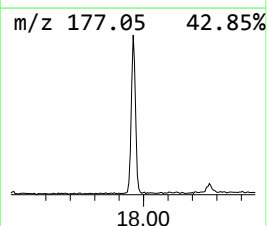
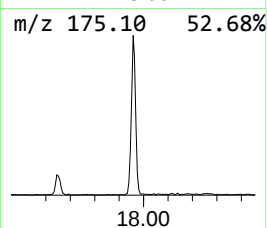
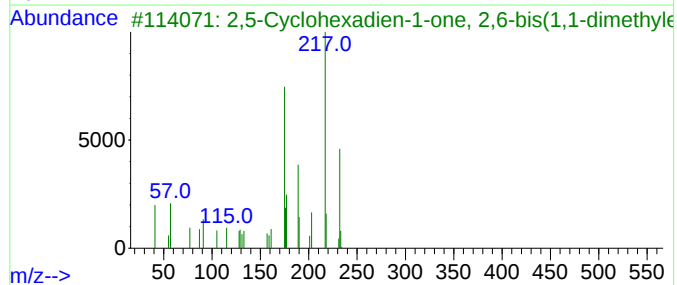
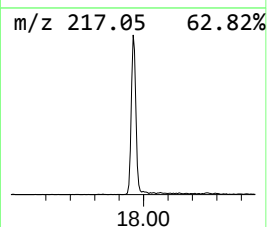
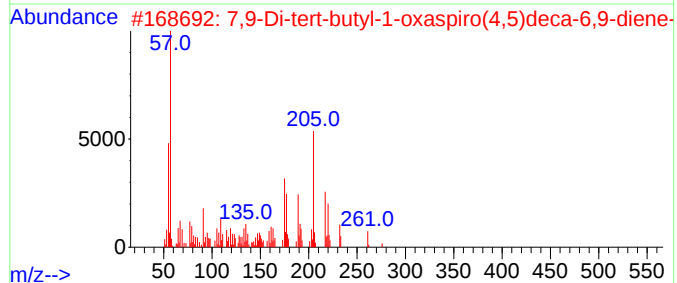
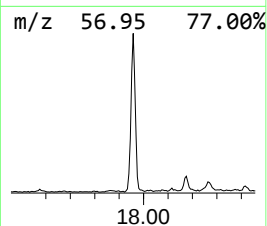
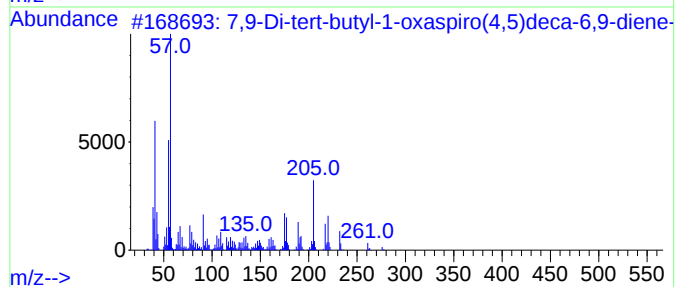
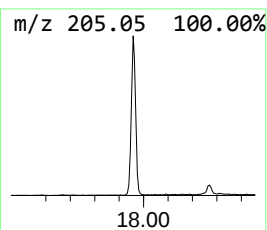
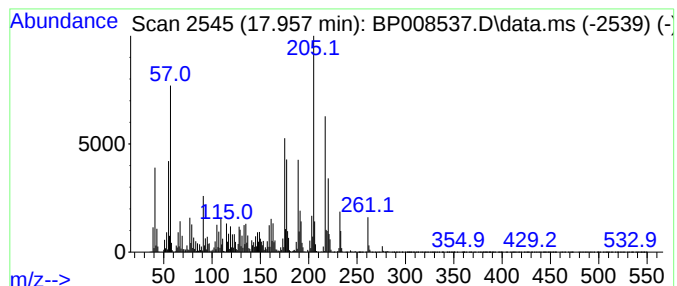
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP122321.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 7,9-Di-tert-butyl-1-oxaspiro... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.957	3.09 ng/ul	1217430	Phenanthrene-d10	17.281

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	96		
3	2,5-Cyclohexadien-1-one, 2,6-bis...	232	C16H24O	006738-27-8	80		
4	7,9-Di-tert-butyl-1-oxaspiro(4,5...	276	C17H24O3	082304-66-3	55		
5	1-(3-Amino-4,6-dimethylthieno[2,...	220	C11H12N2OS	052505-42-7	50		



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122321\
Data File : BP008537.D
Acq On : 23 Dec 2021 22:13
Operator : CG/JU
Sample : M5090-17
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BG3E3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP122321.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
(DEL) Alkane: C...	3.017	25.9	ng/ul	3654170	1	7.905	2820250	20.0
Butane, 2-metho...	3.093	18.9	ng/ul	2667990	1	7.905	2820250	20.0
Vanillin	13.446	2.4	ng/ul	769762	3	14.534	6465040	20.0
7,9-Di-tert-but...	17.957	3.1	ng/ul	1217430	4	17.281	7879690	20.0