LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091823\
Data File : BP017226.D
Acq On : 19 Sep 2023 03:06
Operator : MA/JU
Sample : 04332-19
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0AE6

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-BP091223.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BP017226.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.311	34	38	42	rVB	30864	39121	1.45%	0.117%
2	3.940	140	145	149	rBV	77585	109138	4.03%	0.325%
3	4.058	161	165	169	rVB3	14471	20020	0.74%	0.060%
4	4.440	228	230	236	rVB5	14227	19695	0.73%	0.059%
5	4.881	303	305	308	rBV4	3753	5020	0.19%	0.015%
6	4.987	319	323	334	rVB	43867	65381	2.42%	0.195%
7	5.446	399	401	405	rVB4	4782	5511	0.20%	0.016%
8	5.575	420	423	430	rVB	8836	13895	0.51%	0.041%
9	5.893	474	477	481	rVB5	4038	6986	0.26%	0.021%
10	6.428	564	568	574	rVB2	17702	27545	1.02%	0.082%
11	6.905	647	649	657	rVB6	10217	16727	0.62%	0.050%
12	7.099	674	682	693	rBV	459639	747476	27.63%	2.227%
13	7.287	708	714	729	rVB	389990	602334	22.27%	1.794%
14	7.463	738	744	752	rBV	478362	761427	28.15%	2.268%
15	7.558	756	760	768	rVB9	7109	14241	0.53%	0.042%
16	7.746	789	792	797	rBV4	4156	5903	0.22%	0.018%
17	7.946	818	826	833	rBV	786299	1208477	44.67%	3.600%
18	8.116	852	855	859	rVV6	3801	5541	0.20%	0.017%
19	8.210	865	871	872	rBV6	5391	8497	0.31%	0.025%
20	8.428	904	908	913	rVB8	4874	6753	0.25%	0.020%
21	8.657	939	947	957	rBV	459589	746634	27.60%	2.224%
22	8.793	964	970	978	rVB	94159	150564	5.57%	0.448%
23	8.940	988	995	999	rBV10	4630	10880	0.40%	0.032%
24	9.140	1022	1029	1040	rVV	429464	727186	26.88%	2.166%
25	9.246	1044	1047	1054	rVB4	12516	24606	0.91%	0.073%
26	9.346	1059	1064	1070	rVB8	7476	15884	0.59%	0.047%
27	9.857	1142	1151	1161	rBV	341823	567645	20.98%	1.691%
28	9.999	1169	1175	1181	rBV2	21219	45643	1.69%	0.136%
29	10.040	1181	1182	1186	rVB4	4593	5025	0.19%	0.015%
30	10.222	1208	1213	1218	rVB6	10125	18979	0.70%	0.057%
31	10.381	1233	1240	1253	rVV	479276	821293	30.36%	2.446%
32	10.528	1263	1265	1270	rVB6	3252	4797	0.18%	0.014%
33	10.769	1297	1306	1314	rBV	960628	1607630	59.43%	4.789%
34	10.934	1325	1334	1346	rBV	256629	467289	17.27%	1.392%
35	11.316	1393	1399	1409	rBV	6965	20926	0.77%	0.062%
36	11.522	1429	1434	1440	rVB9	5246	8318	0.31%	0.025%

LSC Area Percent Report

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Operator : MA/JU
Sample : 04332-19
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0AE6

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-BP091223.MA.M
Title : SVOA CALIBRATION

37	11.599	1440	1447	1454	rBV6	7074	14470	0.53%	0.043%
38	11.704	1459	1465	1478	rVV3	18040	55757	2.06%	0.166%
39	11.810	1480	1483	1485	rVV4	4292	5762	0.21%	0.017%
40	11.834	1485	1487	1492	rVB6	3550	4781	0.18%	0.014%
41	12.251	1554	1558	1561	rBV6	3338	5809	0.21%	0.017%
42	12.351	1570	1575	1580	rBV4	11337	19691	0.73%	0.059%
43	12.651	1622	1626	1630	rVB7	4998	6809	0.25%	0.020%
44	12.740	1636	1641	1644	rBV7	4072	5616	0.21%	0.017%
45	12.928	1670	1673	1677	rVB6	4297	5764	0.21%	0.017%
46	12.998	1681	1685	1690	rBV7	2937	5220	0.19%	0.016%
47	13.057	1690	1695	1697	rBV6	3529	5240	0.19%	0.016%
48	13.316	1735	1739	1742	rBV6	4074	6555	0.24%	0.020%
49	13.357	1742	1746	1752	rBV5	9528	13760	0.51%	0.041%
50	13.445	1752	1761	1767	rBV2	45261	80555	2.98%	0.240%
51	13.551	1772	1779	1784	rVV7	9495	15901	0.59%	0.047%
52	13.787	1815	1819	1825	rVV9	3553	7331	0.27%	0.022%
53	13.893	1830	1837	1849	rBV	250628	454503	16.80%	1.354%
54	13.975	1849	1851	1852	rVV2	5361	5041	0.19%	0.015%
55	14.016	1852	1858	1865	rVB	772621	1033664	38.21%	3.079%
56	14.304	1898	1907	1915	rBV	898270	1315991	48.65%	3.920%
57	14.392	1920	1922	1925	rVB4	5327	5145	0.19%	0.015%
58	14.428	1925	1928	1933	rBV7	4745	7275	0.27%	0.022%
59	14.469	1933	1935	1941	rVB7	4725	5424	0.20%	0.016%
60	14.540	1943	1947	1951	rBV7	7249	13482	0.50%	0.040%
61	14.604	1952	1958	1966	rVB	1272459	1828946	67.61%	5.448%
62	14.834	1990	1997	2011	rBV	168382	335143	12.39%	0.998%
63	15.004	2020	2026	2031	rBV7	10391	19158	0.71%	0.057%
64	15.339	2078	2083	2088	rVB	70432	89963	3.33%	0.268%
65	15.422	2095	2097	2101	rVB5	4138	5029	0.19%	0.015%
66	15.598	2119	2127	2137	rBV	1098336	1578395	58.35%	4.702%
67	15.734	2144	2150	2156	rBV	172118	258392	9.55%	0.770%
68	15.787	2156	2159	2164	rVV7	12778	20943	0.77%	0.062%
69	15.845	2167	2169	2172	rVV4	6693	6804	0.25%	0.020%
70	15.892	2175	2177	2183	rVB7	5380	8264	0.31%	0.025%
71	15.951	2183	2187	2189	rBV5	8064	11801	0.44%	0.035%
72	15.998	2191	2195	2199	rVB2	18848	23811	0.88%	0.071%
73	16.104	2209	2213	2216	rBV4	14805	18611	0.69%	0.055%
74	16.192	2225	2228	2230	rBV3	3752	5395	0.20%	0.016%
75	16.410	2259	2265	2270	rBV	28991	50637	1.87%	0.151%
76	16.651	2304	2306	2309	rBV4	4870	5881	0.22%	0.018%

LSC Area Percent Report

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Acq On : 19 Sep 2023 03:06
Operator : MA/JU
Sample : 04332-19
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0AE6

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

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Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP091223.MA.M
Title : SVOA CALIBRATION

77	16.722	2315	2318	2323	rBV7	12265	15386	0.57%	0.046%
78	16.992	2360	2364	2367	rVB3	14277	21412	0.79%	0.064%
79	17.157	2390	2392	2399	rVB8	10656	17113	0.63%	0.051%
80	17.222	2399	2403	2411	rBV3	57596	96823	3.58%	0.288%
81	17.286	2411	2414	2421	rBV3	35773	48446	1.79%	0.144%
82	17.375	2422	2429	2435	rBV	1453040	2078146	76.82%	6.190%
83	17.475	2440	2446	2459	rVV	1106819	1604136	59.30%	4.778%
84	18.033	2537	2541	2547	rBV	248721	321682	11.89%	0.958%
85	18.104	2550	2553	2560	rVV5	44747	71807	2.65%	0.214%
86	18.163	2560	2563	2568	rVB2	51691	58484	2.16%	0.174%
87	18.216	2568	2572	2584	rBV	446969	668036	24.69%	1.990%
88	18.504	2617	2621	2627	rVB7	38531	64316	2.38%	0.192%
89	19.033	2708	2711	2714	rBV3	28882	37780	1.40%	0.113%
90	19.451	2779	2782	2790	rBV	130787	182792	6.76%	0.544%
91	19.716	2822	2827	2837	rBV	1634988	2097861	77.55%	6.249%
92	19.927	2860	2863	2867	rBV	65385	76578	2.83%	0.228%
93	20.175	2902	2905	2910	rBV	93243	134499	4.97%	0.401%
94	21.122	3063	3066	3068	rBV	180025	220749	8.16%	0.658%
95	21.151	3068	3071	3084	rVB3	331451	625112	23.11%	1.862%
96	21.474	3122	3126	3131	rBV	1740798	2408263	89.02%	7.174%
97	22.039	3218	3222	3226	rVB	493901	597806	22.10%	1.781%
98	23.127	3403	3407	3416	rVB	627205	1047631	38.73%	3.121%
99	23.833	3523	3527	3535	rVB2	1070804	2070851	76.55%	6.169%
100	24.004	3550	3556	3564	rVB	1298532	2705211	100.00%	8.058%

Sum of corrected areas: 33570626

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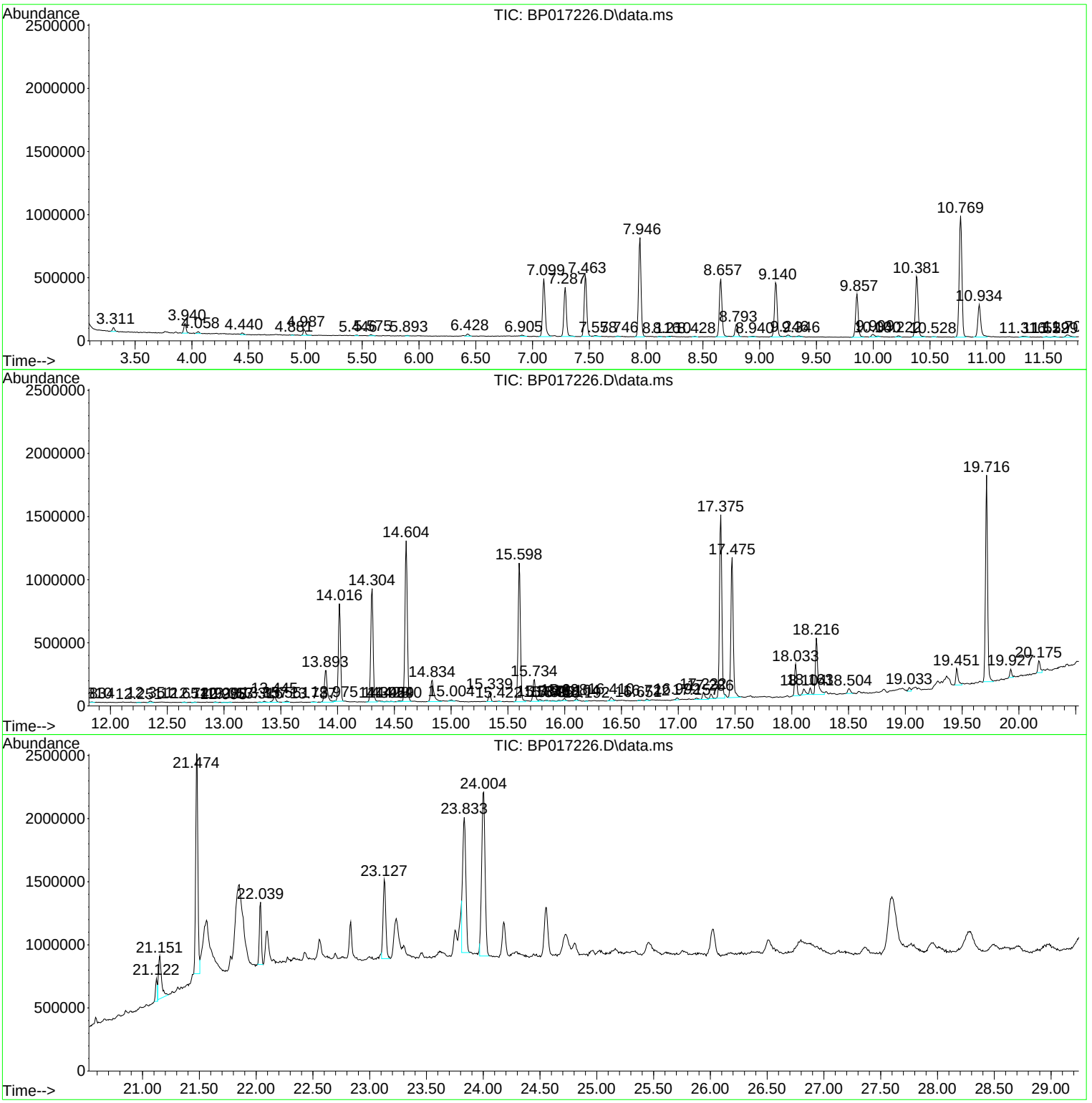
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0AE6

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP091223.MA.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091823\
Data File : BP017226.D
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Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0AE6

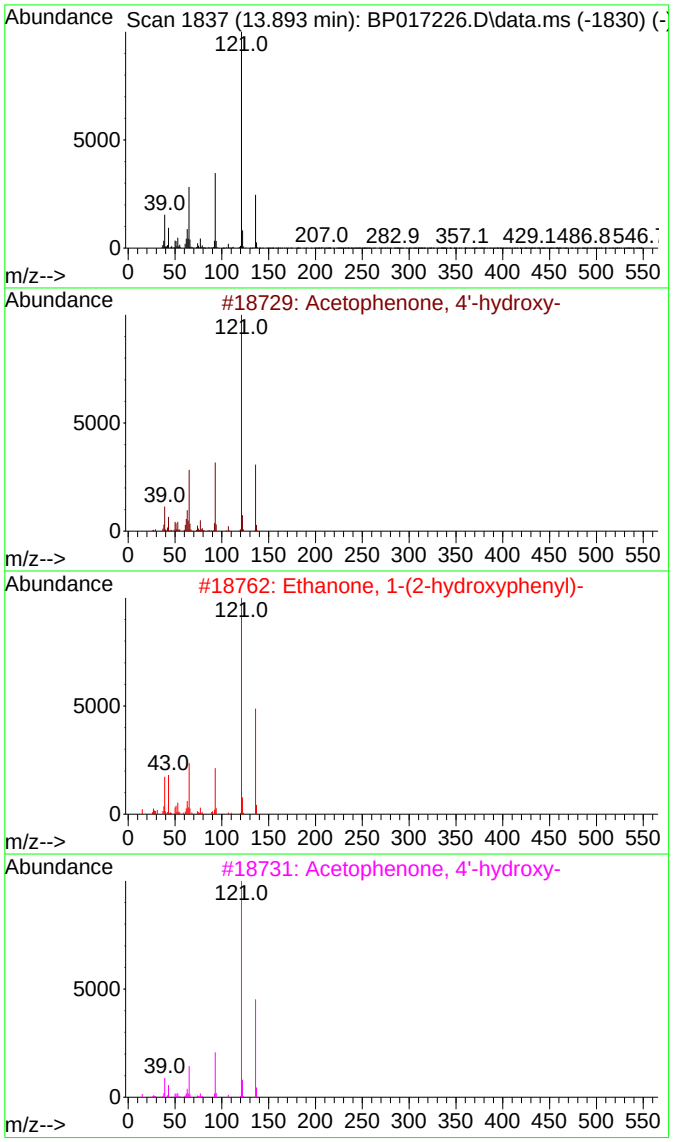
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP091223.MA.M
Quant Title : SVOA CALIBRATION

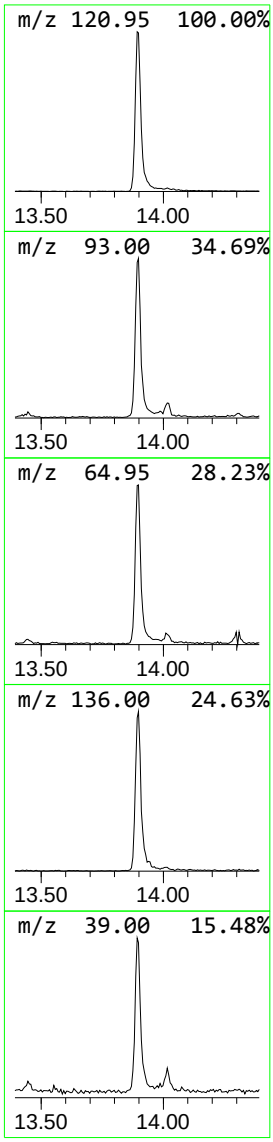
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Acetophenone, 4'-hydroxy- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.893	4.97 ng/ul	454503	Acenaphthene-d10	14.604

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetophenone, 4'-hydroxy-	136	C8H8O2	000099-93-4	95
2	Ethanone, 1-(2-hydroxyphenyl)-	136	C8H8O2	000118-93-4	94
3	Acetophenone, 4'-hydroxy-	136	C8H8O2	000099-93-4	94
4	Ethanone, 1-(2-hydroxyphenyl)-	136	C8H8O2	000118-93-4	91
5	Acetophenone, 4'-hydroxy-	136	C8H8O2	000099-93-4	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091823\
Data File : BP017226.D
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Operator : MA/JU
Sample : 04332-19
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0AE6

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP091223.MA.M
Quant Title : SVOA CALIBRATION

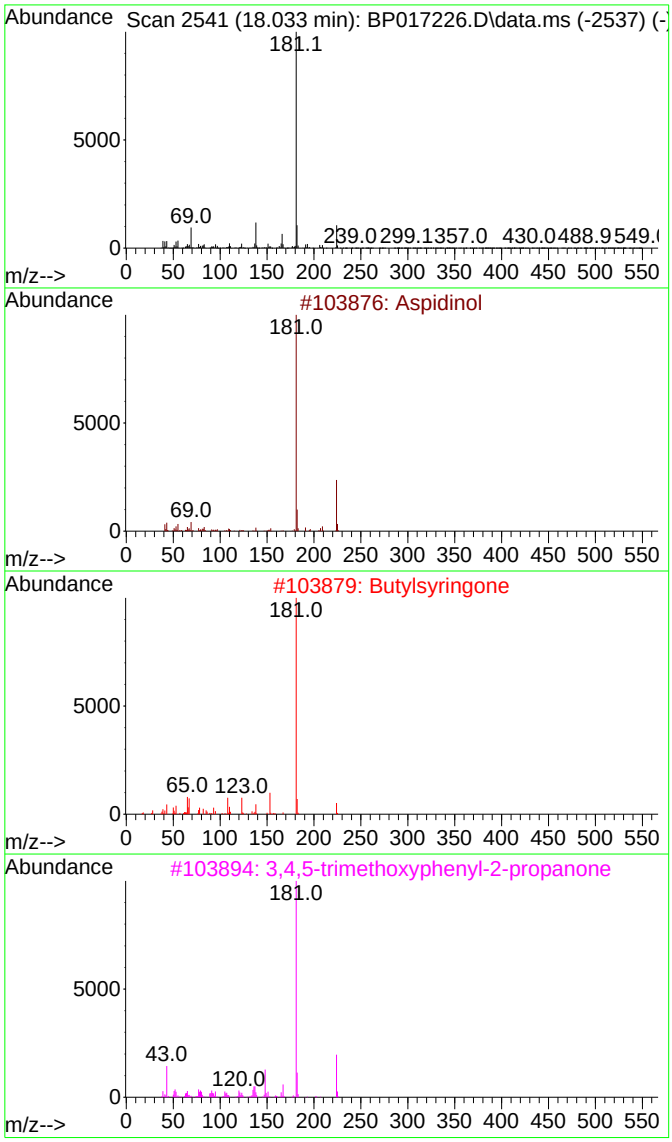
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

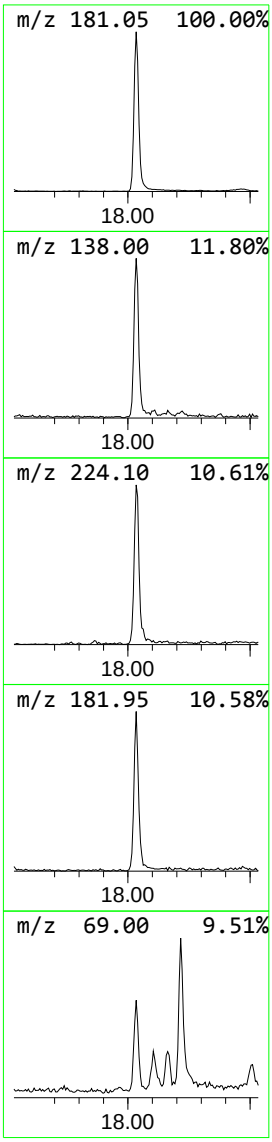
****

Peak Number 2 Aspidinol Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.034	3.10 ng/ul	321682	Phenanthrene-d10	17.375

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Aspidinol	224	C12H16O4	000519-40-4	72
2	Butylsyringone	224	C12H16O4	069271-91-6	59
3	3,4,5-trimethoxyphenyl-2-propanone	224	C12H16O4	1000378-97-6	59
4	Dodecanoic acid, 1,1'-biphenyl-4...	394	C26H34O3	004376-38-9	53
5	Ethyl 3-ethyl-4-methylpyrrole-2-...	181	C10H15NO2	1000433-82-2	53





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Sample : 04332-19
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ALS Vial : 30 Sample Multiplier: 1

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ClientSampleId :
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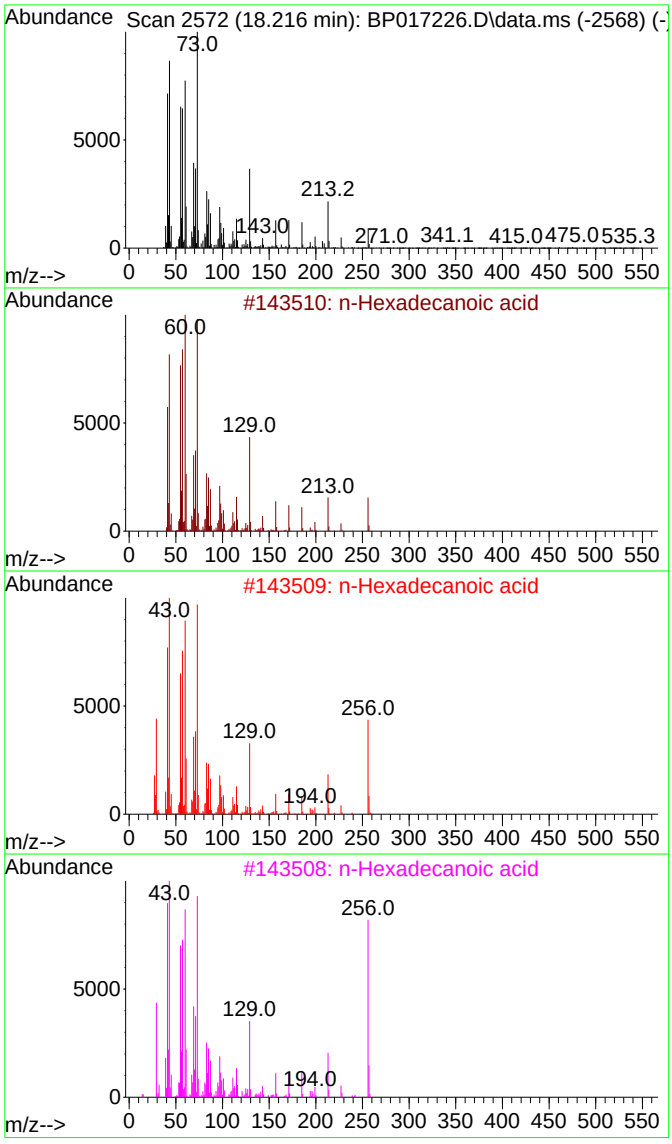
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP091223.MA.M
Quant Title : SVOA CALIBRATION

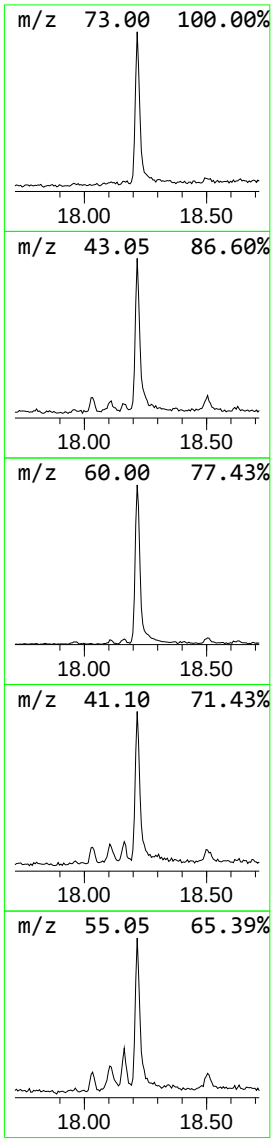
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.216	6.43 ng/ul	668036	Phenanthrene-d10	17.375

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	93





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ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0AE6

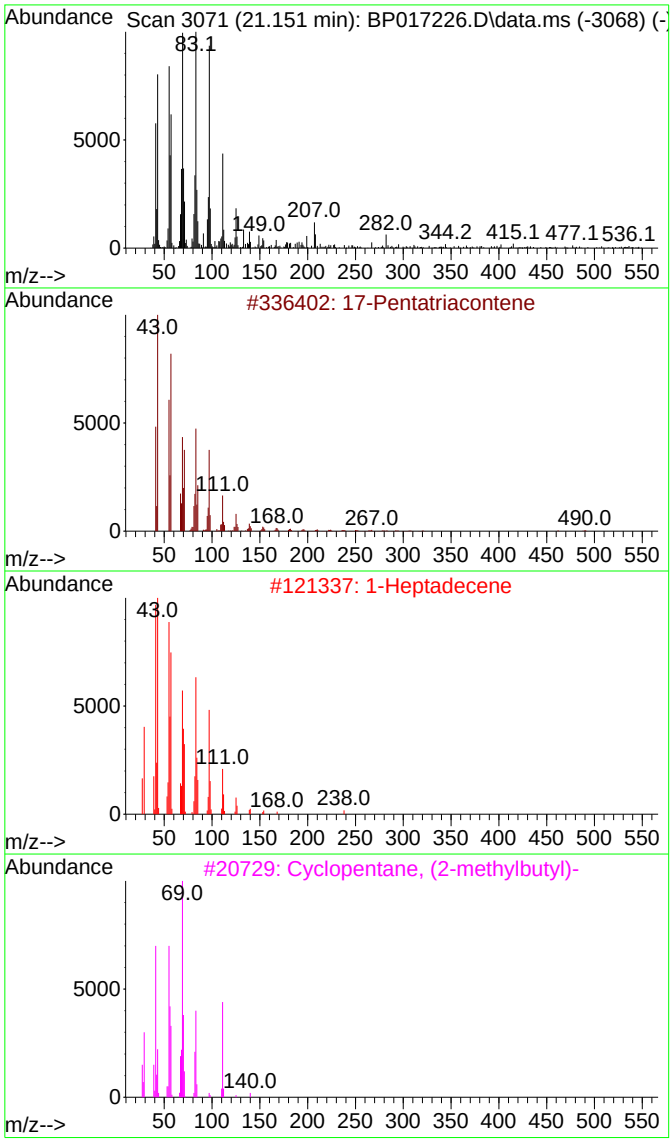
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP091223.MA.M
Quant Title : SVOA CALIBRATION

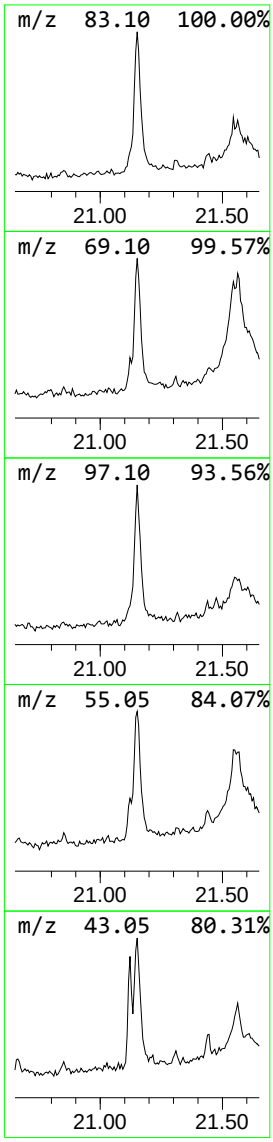
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.151	5.19 ng/ul	625112	Chrysene-d12	21.480

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	17-Pentatriacontene	491	C35H70	006971-40-0	86
2	1-Heptadecene	238	C17H34	006765-39-5	70
3	Cyclopentane, (2-methylbutyl)-	140	C10H20	053366-38-4	50
4	Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	46
5	n-Heptadecanol-1	256	C17H36O	001454-85-9	41





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Data File : BP017226.D
Acq On : 19 Sep 2023 03:06
Operator : MA/JU
Sample : 04332-19
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0AE6

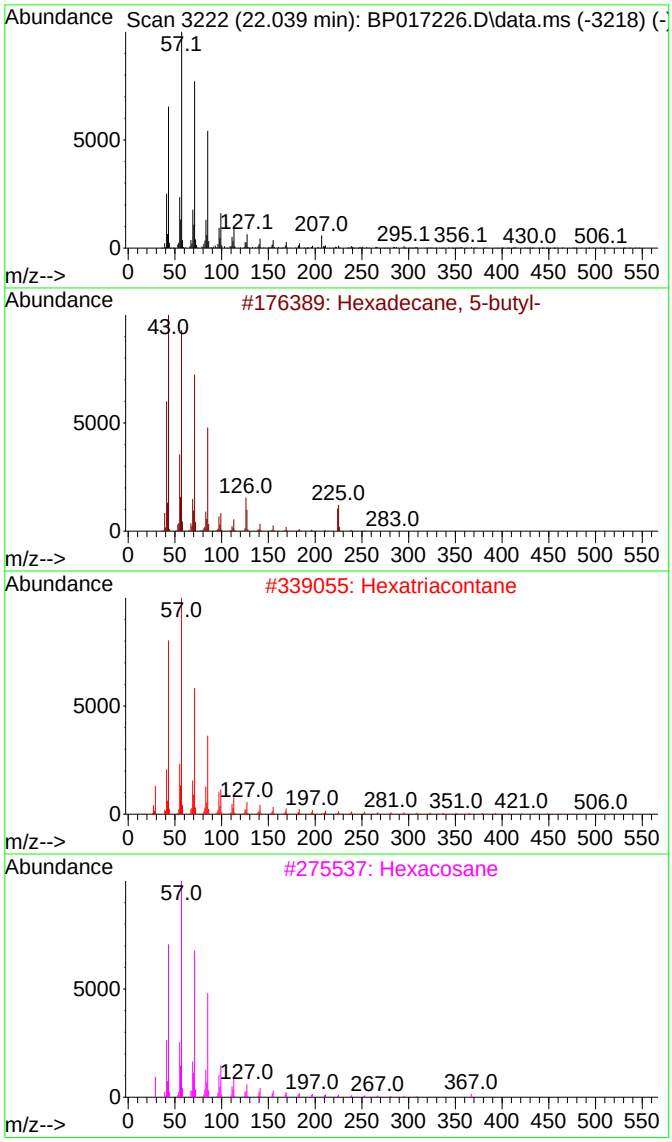
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP091223.MA.M
Quant Title : SVOA CALIBRATION

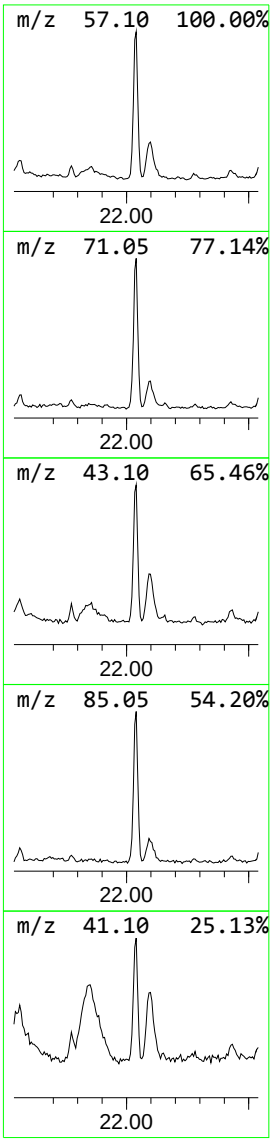
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.039	4.96 ng/ul	597806	Chrysene-d12	21.480

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 5-butyl-	282	C20H42	006912-07-8	93
2	Hexatriacontane	507	C36H74	000630-06-8	90
3	Hexacosane	366	C26H54	000630-01-3	90
4	Heneicosane	296	C21H44	000629-94-7	90
5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091823\
Data File : BP017226.D
Acq On : 19 Sep 2023 03:06
Operator : MA/JU
Sample : 04332-19
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0AE6

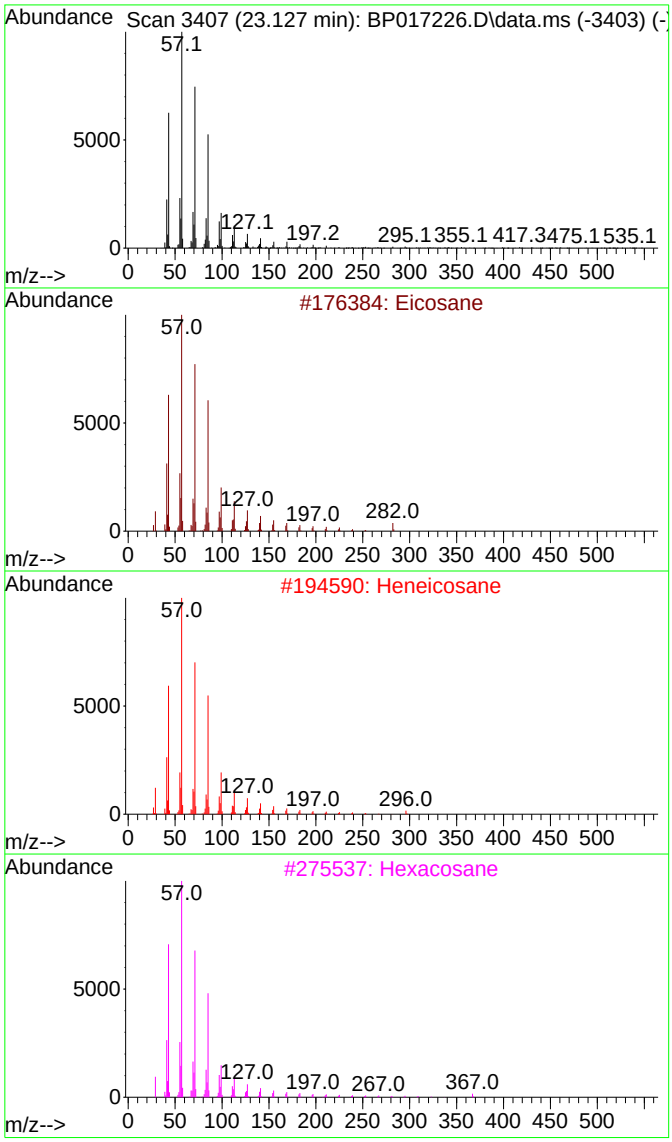
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP091223.MA.M
Quant Title : SVOA CALIBRATION

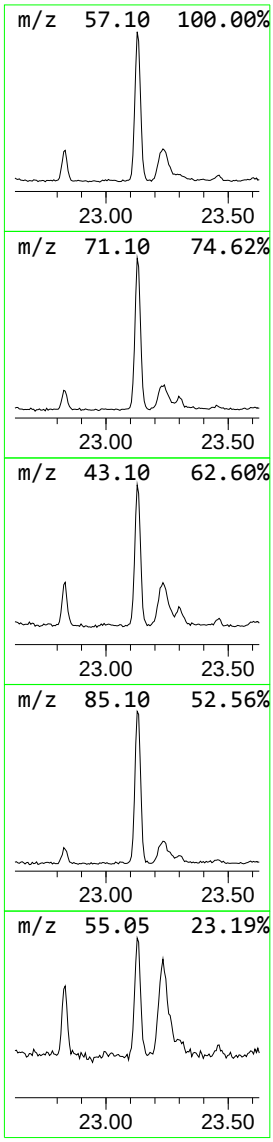
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.127	7.75 ng/ul	1047630	Perylene-d12	23.998

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	97
2	Heneicosane	296	C21H44	000629-94-7	91
3	Hexacosane	366	C26H54	000630-01-3	91
4	Octacosane	394	C28H58	000630-02-4	91
5	Docosane, 11-butyl-	366	C26H54	013475-76-8	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091823\
Data File : BP017226.D
Acq On : 19 Sep 2023 03:06
Operator : MA/JU
Sample : 04332-19
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0AE6

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP091223.MA.M
Quant Title : SVOA CALIBRATION

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Acetophenone, 4...	13.893	5.0	ng/ul	454503	3	14.604	1828950	20.0
Aspidinol	18.034	3.1	ng/ul	321682	4	17.375	2078150	20.0
n-Hexadecanoic ...	18.216	6.4	ng/ul	668036	4	17.375	2078150	20.0
(DEL) Alkane: S...	21.151	5.2	ng/ul	625112	5	21.480	2408260	20.0
(DEL) Alkane: S...	22.039	5.0	ng/ul	597806	5	21.480	2408260	20.0
(DEL) Alkane: S...	23.127	7.8	ng/ul	1047630	6	23.998	2705210	20.0