LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102824\
Data File : BP022696.D
Acq On : 29 Oct 2024 01:43
Operator : RC/JU
Sample : P4530-15
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
F7H42

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-BP100724.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BP022696.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.187	30	34	41	rVB2	11976	16869	0.87%	0.087%
2	3.605	101	105	124	rBV	64762	116940	6.01%	0.602%
3	3.911	154	157	161	rVB3	3666	5076	0.26%	0.026%
4	4.275	217	219	225	rVB7	2353	3722	0.19%	0.019%
5	4.822	309	312	319	rVB4	4481	7775	0.40%	0.040%
6	6.352	565	572	580	rVB3	6450	11399	0.59%	0.059%
7	6.793	643	647	649	rBV4	2294	3307	0.17%	0.017%
8	6.840	649	655	671	rVV	185805	349092	17.95%	1.796%
9	6.987	674	680	691	rVB	128019	203712	10.47%	1.048%
10	7.187	708	714	723	rBV	177377	292984	15.06%	1.507%
11	7.640	784	791	800	rBV	266024	425473	21.87%	2.189%
12	7.722	800	805	811	rVB8	3629	6103	0.31%	0.031%
13	8.346	905	911	921	rBV	238005	414953	21.33%	2.135%
14	8.787	978	986	996	rBV	155309	282957	14.55%	1.456%
15	8.946	1007	1013	1018	rVB8	2358	4416	0.23%	0.023%
16	9.187	1046	1054	1061	rVB2	12206	21604	1.11%	0.111%
17	9.346	1075	1081	1087	rBV2	13857	25321	1.30%	0.130%
18	9.499	1098	1107	1117	rBV	156238	259395	13.34%	1.334%
19	9.599	1122	1124	1131	rVB8	1250	2133	0.11%	0.011%
20	10.040	1189	1199	1218	rBV	223782	448099	23.04%	2.305%
21	10.399	1251	1260	1270	rBV	321344	566853	29.14%	2.916%
22	10.540	1277	1284	1295	rBV	182417	357745	18.39%	1.840%
23	11.222	1395	1400	1405	rBV8	1809	3433	0.18%	0.018%
24	11.663	1467	1475	1480	rVB2	5451	9335	0.48%	0.048%
25	11.740	1480	1488	1490	rBV8	930	2122	0.11%	0.011%
26	11.816	1496	1501	1505	rBV8	2169	3886	0.20%	0.020%
27	11.993	1526	1531	1537	rBV3	3685	7079	0.36%	0.036%
28	12.604	1627	1635	1641	rBV3	2138	3492	0.18%	0.018%
29	12.681	1645	1648	1651	rBV4	1278	1985	0.10%	0.010%
30	13.069	1709	1714	1719	rBV5	6173	9711	0.50%	0.050%
31	13.128	1719	1724	1732	rVV5	4471	7671	0.39%	0.039%
32	13.228	1732	1741	1748	rVV5	2610	5706	0.29%	0.029%
33	13.575	1793	1800	1807	rBV3	46459	71909	3.70%	0.370%
34	13.657	1808	1814	1832	rVB	488829	766584	39.41%	3.944%
35	13.951	1854	1864	1877	rBV	542488	821302	42.22%	4.225%
36	14.093	1885	1888	1893	rVB7	1782	2218	0.11%	0.011%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102824\
Data File : BP022696.D
Acq On : 29 Oct 2024 01:43
Operator : RC/JU
Sample : P4530-15
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
F7H42

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-BP100724.MA.M
Title : SVOA CALIBRATION

37	14.169	1895	1901	1904	rBV7	2466	3795	0.20%	0.020%
38	14.222	1905	1910	1912	rBV3	19396	23096	1.19%	0.119%
39	14.269	1912	1918	1925	rVB	602666	871595	44.81%	4.484%
40	14.328	1925	1928	1929	rBV3	2843	2431	0.12%	0.013%
41	14.516	1954	1960	1980	rBV2	128735	329546	16.94%	1.695%
42	14.693	1986	1990	1996	rVB8	7316	10018	0.52%	0.052%
43	15.022	2041	2046	2050	rBV6	2326	3820	0.20%	0.020%
44	15.128	2060	2064	2069	rVB9	1908	3477	0.18%	0.018%
45	15.275	2082	2089	2098	rBV	750152	1153422	59.30%	5.934%
46	15.404	2105	2111	2125	rBV	192405	318789	16.39%	1.640%
47	15.498	2125	2127	2134	rVB8	3319	6580	0.34%	0.034%
48	15.645	2139	2152	2160	rBV	182391	239140	12.29%	1.230%
49	15.757	2163	2171	2176	rVB6	11292	22588	1.16%	0.116%
50	16.451	2286	2289	2298	rBV10	2757	6311	0.32%	0.032%
51	16.534	2300	2303	2311	rVB9	2296	4562	0.23%	0.023%
52	16.698	2327	2331	2336	rBV7	2849	6145	0.32%	0.032%
53	16.969	2374	2377	2380	rBV5	1927	2730	0.14%	0.014%
54	17.057	2385	2392	2403	rVV	813675	1214580	62.44%	6.248%
55	17.157	2403	2409	2420	rVV	914790	1314846	67.59%	6.764%
56	17.269	2422	2428	2435	rVB	5781	14045	0.72%	0.072%
57	17.457	2458	2460	2463	rBV4	2087	2558	0.13%	0.013%
58	17.934	2537	2541	2544	rBV6	6714	9431	0.48%	0.049%
59	17.992	2546	2551	2561	rBV	267429	383006	19.69%	1.970%
60	18.451	2627	2629	2633	rBV5	3516	4312	0.22%	0.022%
61	18.616	2655	2657	2660	rVB3	4016	2909	0.15%	0.015%
62	19.081	2731	2736	2741	rBV7	14854	24826	1.28%	0.128%
63	19.163	2746	2750	2752	rBV3	34148	46680	2.40%	0.240%
64	19.192	2752	2755	2763	rVB2	51925	89283	4.59%	0.459%
65	19.328	2773	2778	2790	rBV	144170	213516	10.98%	1.098%
66	19.539	2808	2814	2823	rBV	1247029	1753838	90.16%	9.022%
67	20.004	2889	2893	2896	rBV2	23862	29140	1.50%	0.150%
68	20.957	3050	3055	3060	rBV	364457	410873	21.12%	2.114%
69	21.157	3085	3089	3099	rVB5	83984	182637	9.39%	0.940%
70	21.480	3138	3144	3149	rBV	1013684	1553810	79.88%	7.993%
71	24.510	3650	3659	3668	rVB	833821	1945199	100.00%	10.007%
72	24.716	3686	3694	3707	rVB	609144	1692729	87.02%	8.708%

Sum of corrected areas: 19438624

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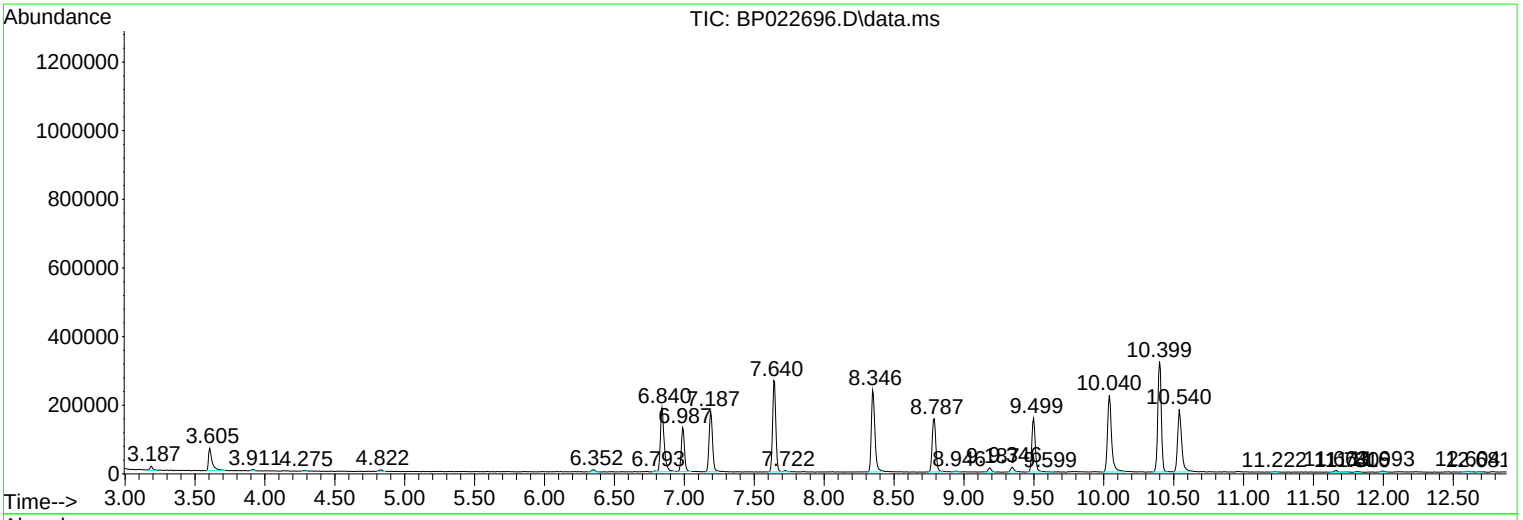
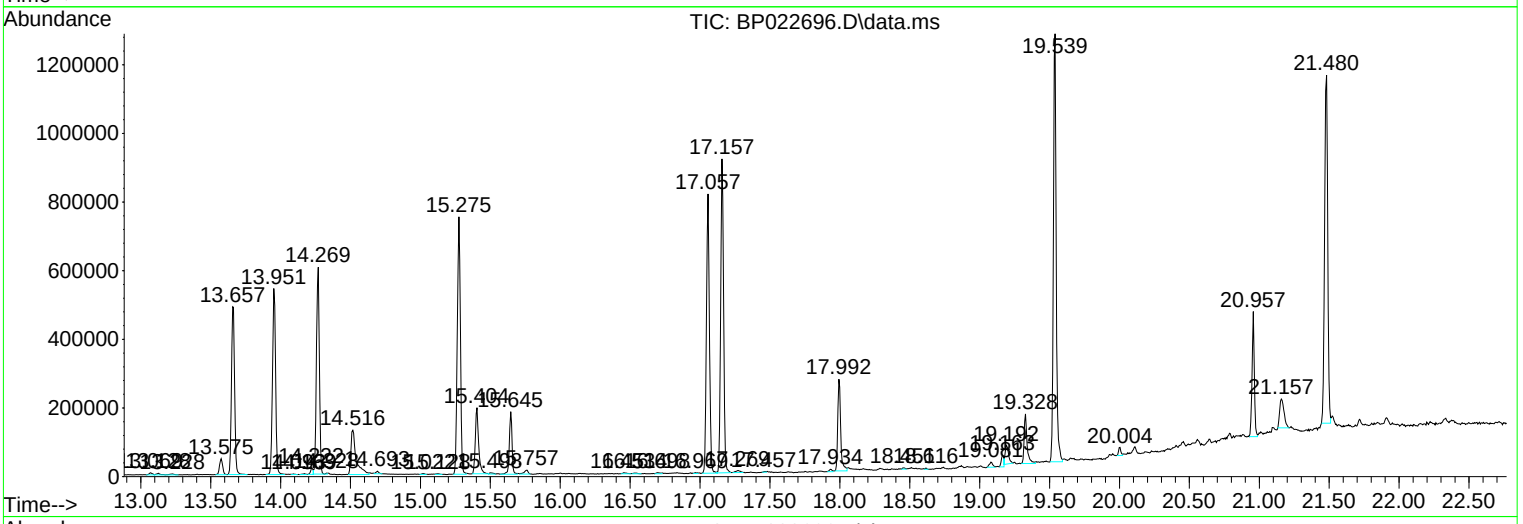
Operator : RC/JU
Sample : P4530-15
Misc :
ALS Vial : 23 Sample Multiplier: 1

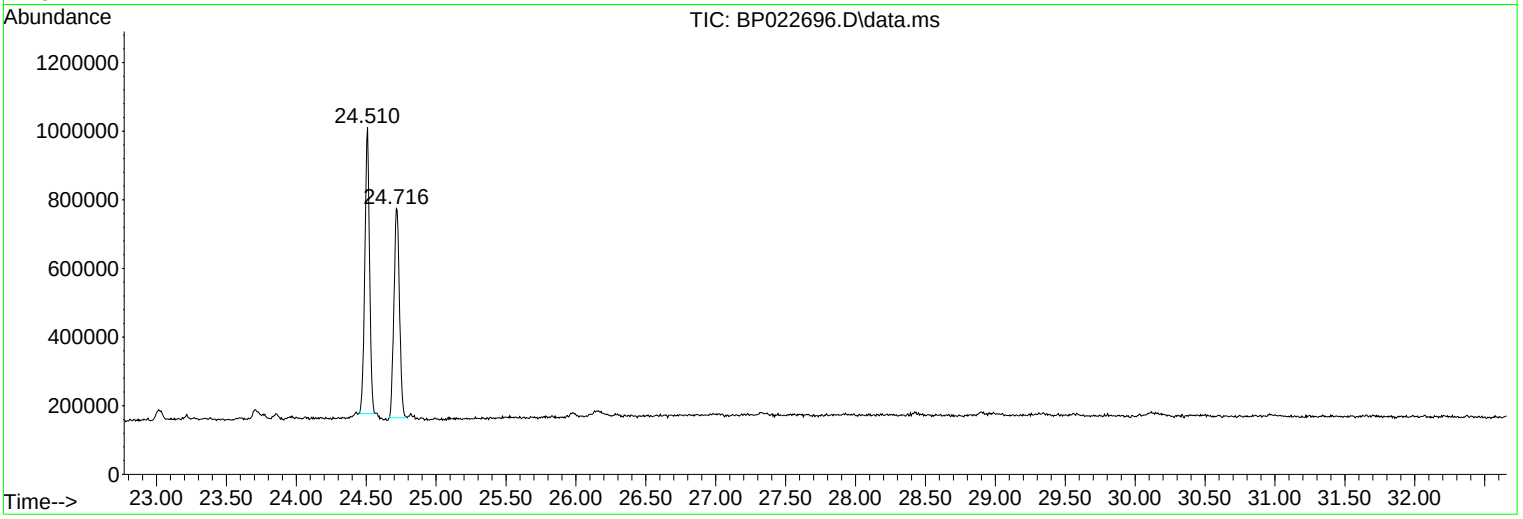
Instrument :
BNA_P
ClientSampleId :
F7H42

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.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\BP102824\
Data File : BP022696.D
Acq On : 29 Oct 2024 01:43
Operator : RC/JU
Sample : P4530-15
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Instrument :
BNA_P
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION

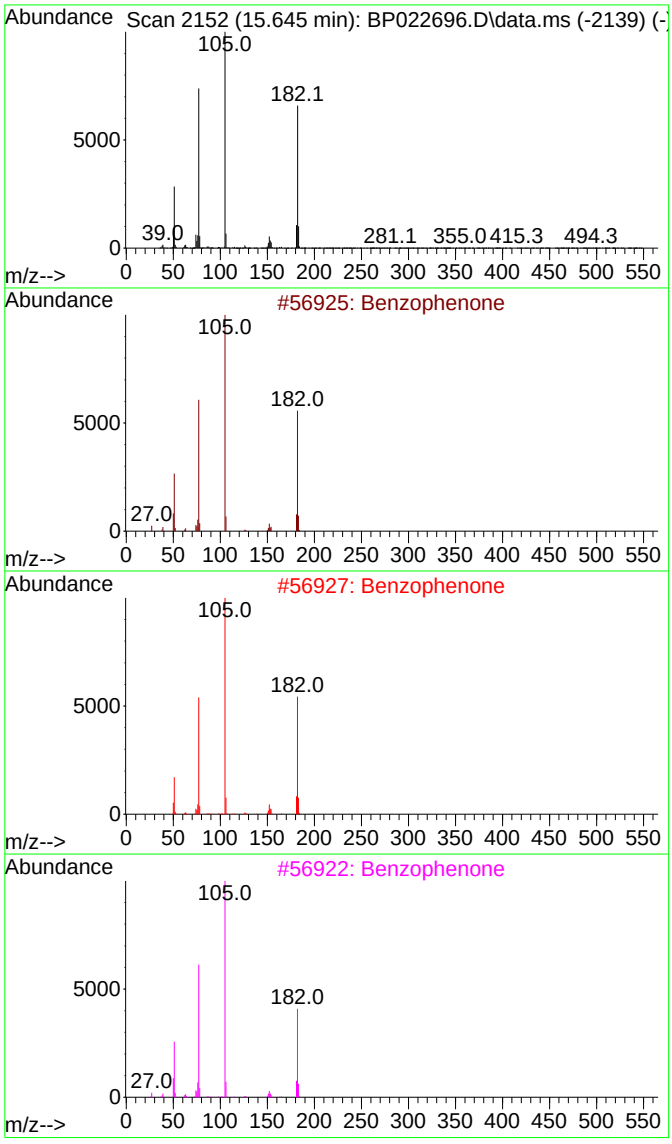
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

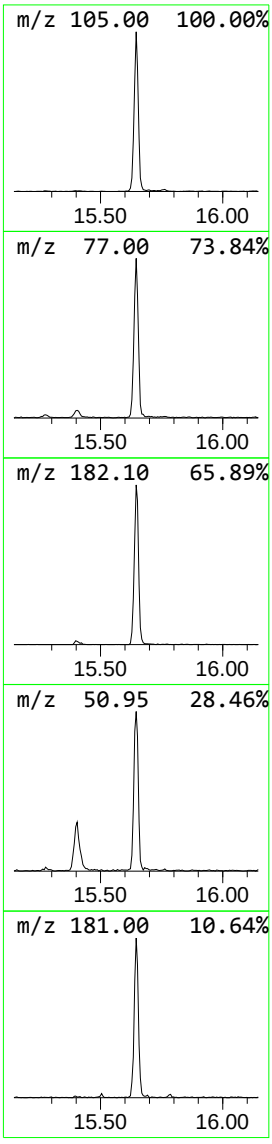
****

Peak Number 1 Benzophenone Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.645	5.49 ng/ul	239140	Acenaphthene-d10	14.269

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	97
2	Benzophenone	182	C13H10O	000119-61-9	97
3	Benzophenone	182	C13H10O	000119-61-9	94
4	Benzophenone	182	C13H10O	000119-61-9	91
5	Benzophenone	182	C13H10O	000119-61-9	89





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102824\
Data File : BP022696.D
Acq On : 29 Oct 2024 01:43
Operator : RC/JU
Sample : P4530-15
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
F7H42

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION

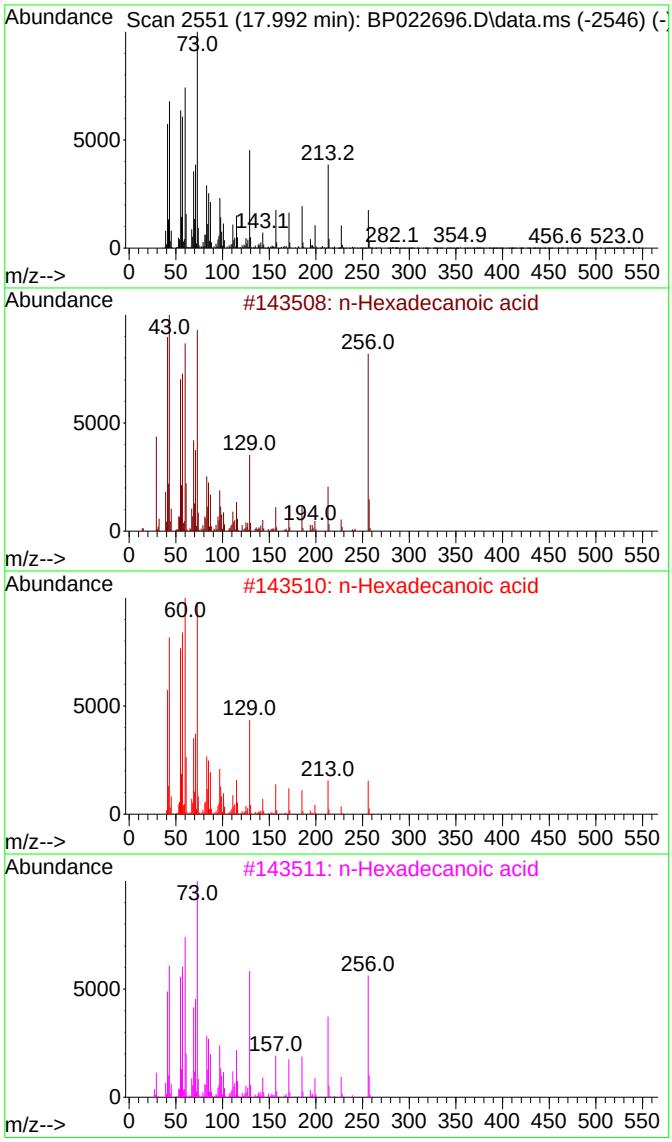
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

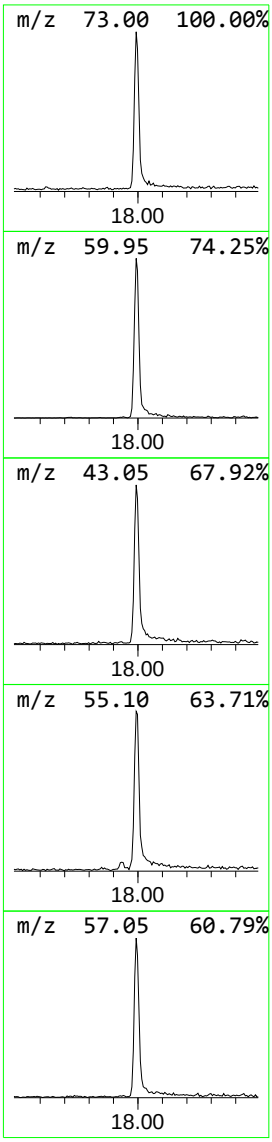
****

Peak Number 2 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.992	6.31 ng/ul	383006	Phenanthrene-d10	17.057

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102824\
Data File : BP022696.D
Acq On : 29 Oct 2024 01:43
Operator : RC/JU
Sample : P4530-15
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
F7H42

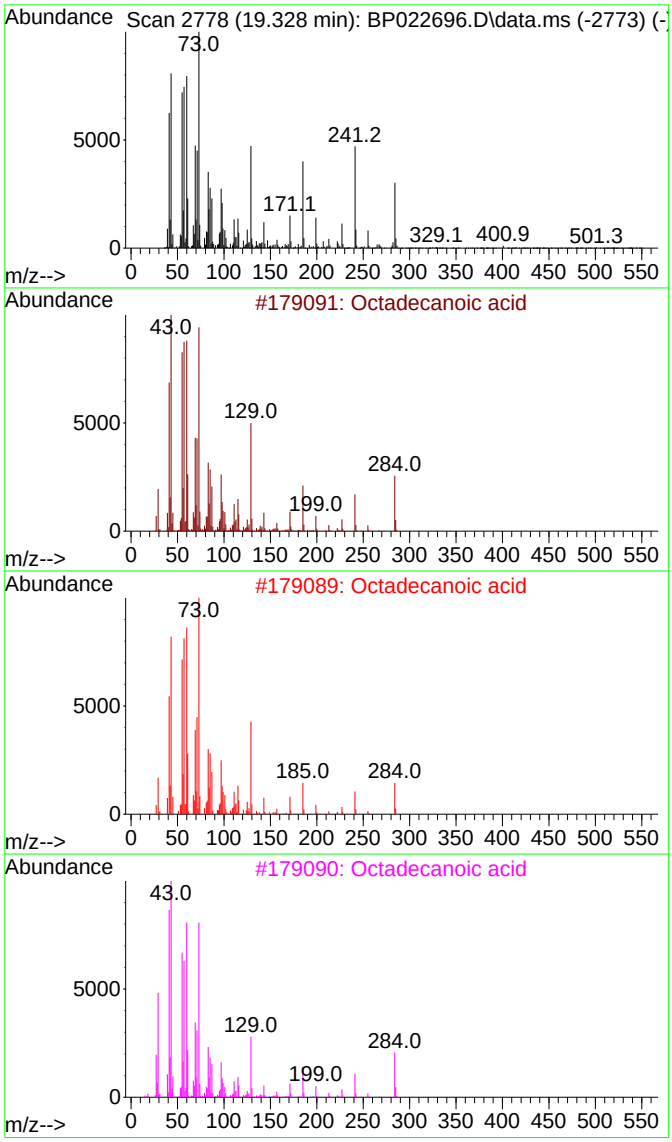
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION

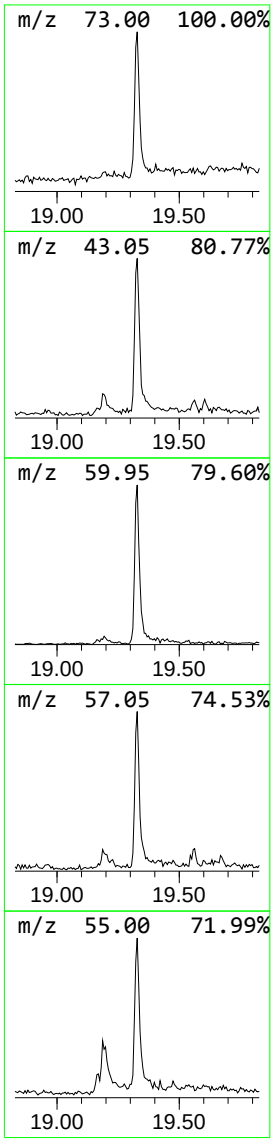
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Octadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.328	2.75 ng/ul	213516	Chrysene-d12	21.480

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Octadecanoic acid	284	C18H36O2	000057-11-4	98
3	Octadecanoic acid	284	C18H36O2	000057-11-4	89
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	83
5	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	83





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102824\
Data File : BP022696.D
Acq On : 29 Oct 2024 01:43
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Sample : P4530-15
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
F7H42

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION

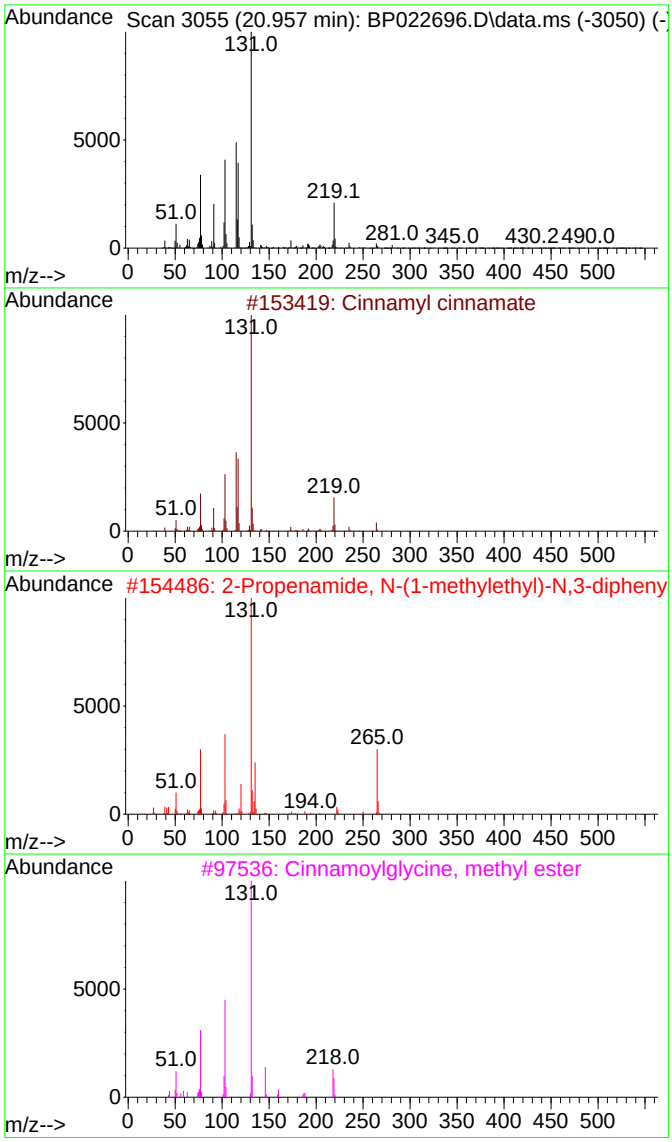
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

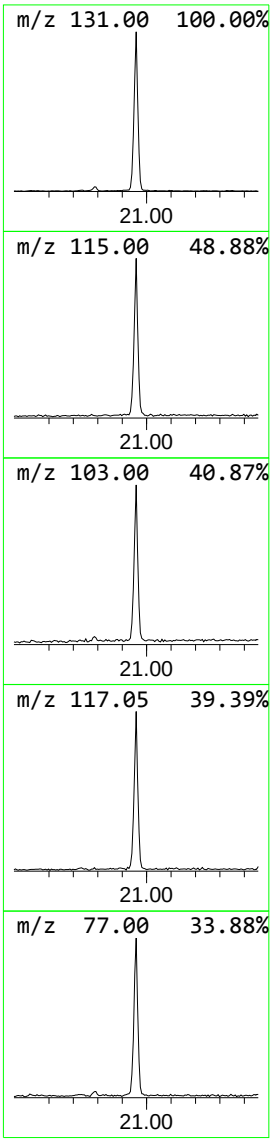
****

Peak Number 4 Cinnamyl cinnamate Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.957	5.29 ng/ul	410873	Chrysene-d12	21.480

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cinnamyl cinnamate	264	C18H16O2	000122-69-0	87
2	2-Propenamide, N-(1-methylethyl)...	265	C18H19NO	055044-37-6	49
3	Cinnamoylglycine, methyl ester	219	C12H13NO3	040778-04-9	47
4	(E)-4-Bromo-4-methyl-1-phenylpen...	252	C12H13BrO	1000443-02-8	47
5	p-Vinylbenzohydrazide	162	C9H10N2O	1000244-74-9	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102824\
Data File : BP022696.D
Acq On : 29 Oct 2024 01:43
Operator : RC/JU
Sample : P4530-15
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
F7H42

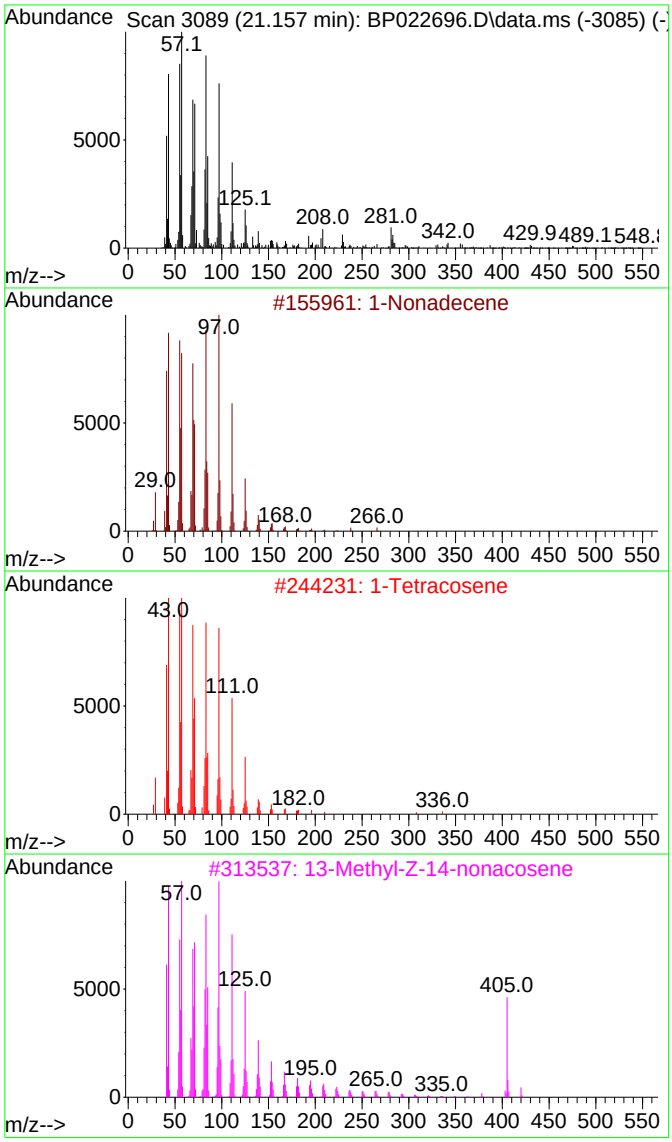
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION

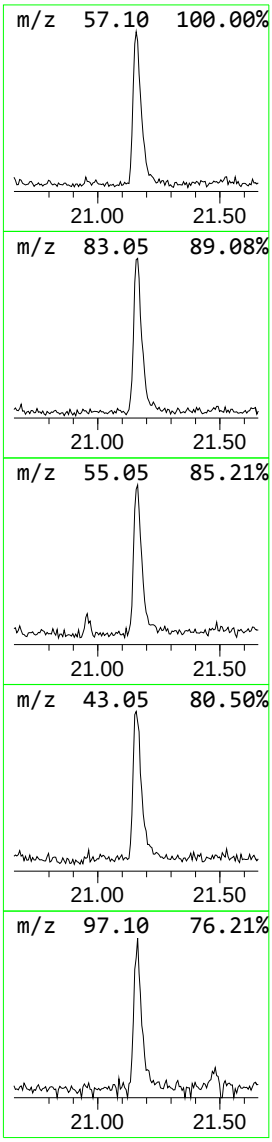
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.157	2.35 ng/ul	182637	Chrysene-d12	21.480

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonadecene	266	C19H38	018435-45-5	99
2	1-Tetracosene	336	C24H48	010192-32-2	98
3	13-Methyl-Z-14-nonacosene	420	C30H60	1010131-19-0	96
4	Octacosanol	410	C28H58O	000557-61-9	91
5	17-Pentatriacontene	491	C35H70	006971-40-0	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102824\
Data File : BP022696.D
Acq On : 29 Oct 2024 01:43
Operator : RC/JU
Sample : P4530-15
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
F7H42

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.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
Benzophenone	15.645	5.5	ng/ul	239140	3	14.269	871595	20.0
n-Hexadecanoic ...	17.992	6.3	ng/ul	383006	4	17.057	1214580	20.0
Octadecanoic acid	19.328	2.8	ng/ul	213516	5	21.480	1553810	20.0
Cinnamyl cinnamate	20.957	5.3	ng/ul	410873	5	21.480	1553810	20.0
(DEL) Alkane: S...	21.157	2.4	ng/ul	182637	5	21.480	1553810	20.0