LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122222\
Data File : BP013262.D
Acq On : 23 Dec 2022 01:17
Operator : CG/JU
Sample : N6015-21
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : DBYA4

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-BP120722.M
Title : SVOA CALIBRATION

Signal : TIC: BP013262.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.334	21	25	37	rVB	275965	386217	1.78%	0.154%
2	3.758	93	97	114	rBV	3763490	5517155	25.41%	2.206%
3	4.093	149	154	158	rVB	47462	60980	0.28%	0.024%
4	5.040	309	315	325	rVB	66778	119645	0.55%	0.048%
5	5.269	350	354	360	rVB2	21002	38242	0.18%	0.015%
6	6.458	550	556	563	rVB	96891	152658	0.70%	0.061%
7	6.534	567	569	574	rVV4	15513	22473	0.10%	0.009%
8	6.616	578	583	589	rVB4	16349	31238	0.14%	0.012%
9	6.922	628	635	640	rBV3	55405	92386	0.43%	0.037%
10	7.111	659	667	677	rBV	4701676	7452349	34.32%	2.979%
11	7.275	688	695	707	rVB	3614272	5665215	26.09%	2.265%
12	7.475	722	729	738	rBV	4783104	7355220	33.87%	2.940%
13	7.552	738	742	747	rBV3	23554	37527	0.17%	0.015%
14	7.946	802	809	817	rBV	2440855	3739315	17.22%	1.495%
15	8.075	828	831	837	rVB2	18565	27979	0.13%	0.011%
16	8.658	922	930	941	rBV	5603366	9116737	41.98%	3.645%
17	9.116	1000	1008	1017	rBV	4444516	7348805	33.84%	2.938%
18	9.275	1031	1035	1040	rVB7	15255	25621	0.12%	0.010%
19	9.510	1070	1075	1085	rVB2	51600	91328	0.42%	0.037%
20	9.840	1122	1131	1145	rBV	4015222	6518332	30.02%	2.606%
21	10.063	1162	1169	1176	rVB	21242	43118	0.20%	0.017%
22	10.381	1214	1223	1240	rBV	6045545	10147617	46.73%	4.057%
23	10.540	1244	1250	1257	rVB10	13642	31144	0.14%	0.012%
24	10.757	1279	1287	1303	rBV	3245963	5517922	25.41%	2.206%
25	10.899	1303	1311	1331	rBV	5273278	8968765	41.30%	3.585%
26	11.146	1347	1353	1361	rVB3	29374	67580	0.31%	0.027%
27	11.228	1361	1367	1373	rVV2	24675	39961	0.18%	0.016%
28	11.287	1373	1377	1385	rVB2	14352	25336	0.12%	0.010%
29	12.163	1521	1526	1532	rVB	29296	47720	0.22%	0.019%
30	12.340	1550	1556	1562	rBV2	111728	171436	0.79%	0.069%
31	13.116	1682	1688	1695	rVB7	17729	27970	0.13%	0.011%
32	13.398	1728	1736	1742	rVB2	76248	123154	0.57%	0.049%
33	13.463	1742	1747	1753	rBV7	26260	54235	0.25%	0.022%
34	13.575	1759	1766	1772	rVB2	141819	218792	1.01%	0.087%
35	13.775	1793	1800	1806	rBV2	24400	51622	0.24%	0.021%
36	13.916	1818	1824	1829	rBV9	28572	57766	0.27%	0.023%

LSC Area Percent Report

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Sample : N6015-21
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DBYA4

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 >
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Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
Title : SVOA CALIBRATION

37	13.998	1830	1838	1847	rBV	10174563	14164001	65.22%	5.662%
38	14.110	1852	1857	1862	rVV8	36984	64074	0.30%	0.026%
39	14.281	1879	1886	1903	rVB2	11712688	17490069	80.54%	6.992%
40	14.475	1915	1919	1926	rVB	46450	68742	0.32%	0.027%
41	14.587	1926	1938	1946	rBV	4862810	7381835	33.99%	2.951%
42	14.793	1965	1973	1995	rBV	4077886	6523250	30.04%	2.608%
43	14.945	1995	1999	2003	rVV3	41271	70412	0.32%	0.028%
44	14.992	2003	2007	2012	rVB5	44565	82756	0.38%	0.033%
45	15.587	2100	2108	2118	rBV	14430299	20986776	96.64%	8.390%
46	15.704	2121	2128	2139	rVV	4134181	5681797	26.16%	2.271%
47	15.822	2143	2148	2154	rVB2	71475	120758	0.56%	0.048%
48	15.945	2160	2169	2180	rBV	827105	1150594	5.30%	0.460%
49	16.151	2200	2204	2209	rBV7	26074	43252	0.20%	0.017%
50	16.292	2225	2228	2235	rVB8	17675	31532	0.15%	0.013%
51	16.434	2248	2252	2258	rBV5	40600	73412	0.34%	0.029%
52	16.516	2262	2266	2272	rVB2	54950	80243	0.37%	0.032%
53	16.728	2298	2302	2308	rBV4	47600	74584	0.34%	0.030%
54	17.228	2382	2387	2394	rBV3	119557	199397	0.92%	0.080%
55	17.292	2394	2398	2401	rVV5	62066	80958	0.37%	0.032%
56	17.345	2401	2407	2417	rVV	5569384	7992528	36.80%	3.195%
57	17.445	2417	2424	2432	rVV2	13876912	19925212	91.75%	7.965%
58	17.698	2464	2467	2470	rBV4	48716	72489	0.33%	0.029%
59	18.004	2515	2519	2523	rBV5	54604	71969	0.33%	0.029%
60	18.104	2533	2536	2540	rBV3	63222	75504	0.35%	0.030%
61	18.157	2542	2545	2551	rBV2	109646	164369	0.76%	0.066%
62	18.216	2551	2555	2566	rBV	1580328	2324764	10.71%	0.929%
63	18.504	2600	2604	2608	rBV6	66509	124082	0.57%	0.050%
64	18.551	2608	2612	2618	rVV3	118340	196907	0.91%	0.079%
65	19.104	2703	2706	2712	rBV	83399	111503	0.51%	0.045%
66	19.204	2720	2723	2727	rBV3	61775	75767	0.35%	0.030%
67	19.251	2728	2731	2737	rVB2	194215	250679	1.15%	0.100%
68	19.322	2738	2743	2746	rBV	233683	424162	1.95%	0.170%
69	19.351	2746	2748	2753	rVB	173295	224968	1.04%	0.090%
70	19.445	2761	2764	2769	rBV2	230207	296294	1.36%	0.118%
71	19.680	2798	2804	2815	rVB	15308128	20569981	94.72%	8.223%
72	20.186	2887	2890	2895	rVB	152652	181105	0.83%	0.072%
73	21.127	3046	3050	3063	rBV	1717931	2575752	11.86%	1.030%
74	21.433	3097	3102	3108	rBV	5190178	6656407	30.65%	2.661%
75	22.069	3207	3210	3220	rVB	1000759	1569540	7.23%	0.627%
76	23.127	3386	3390	3395	rVB	811550	1229917	5.66%	0.492%

LSC Area Percent Report

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Sample : N6015-21
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DBYA4

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-BP120722.M
Title : SVOA CALIBRATION

77	23.757	3490	3497	3511	rVB2	10296379	21716385	100.00%	8.681%
78	23.916	3517	3524	3534	rVB2	3513524	7200821	33.16%	2.879%
79	24.533	3624	3629	3636	rVB	1135067	2353473	10.84%	0.941%

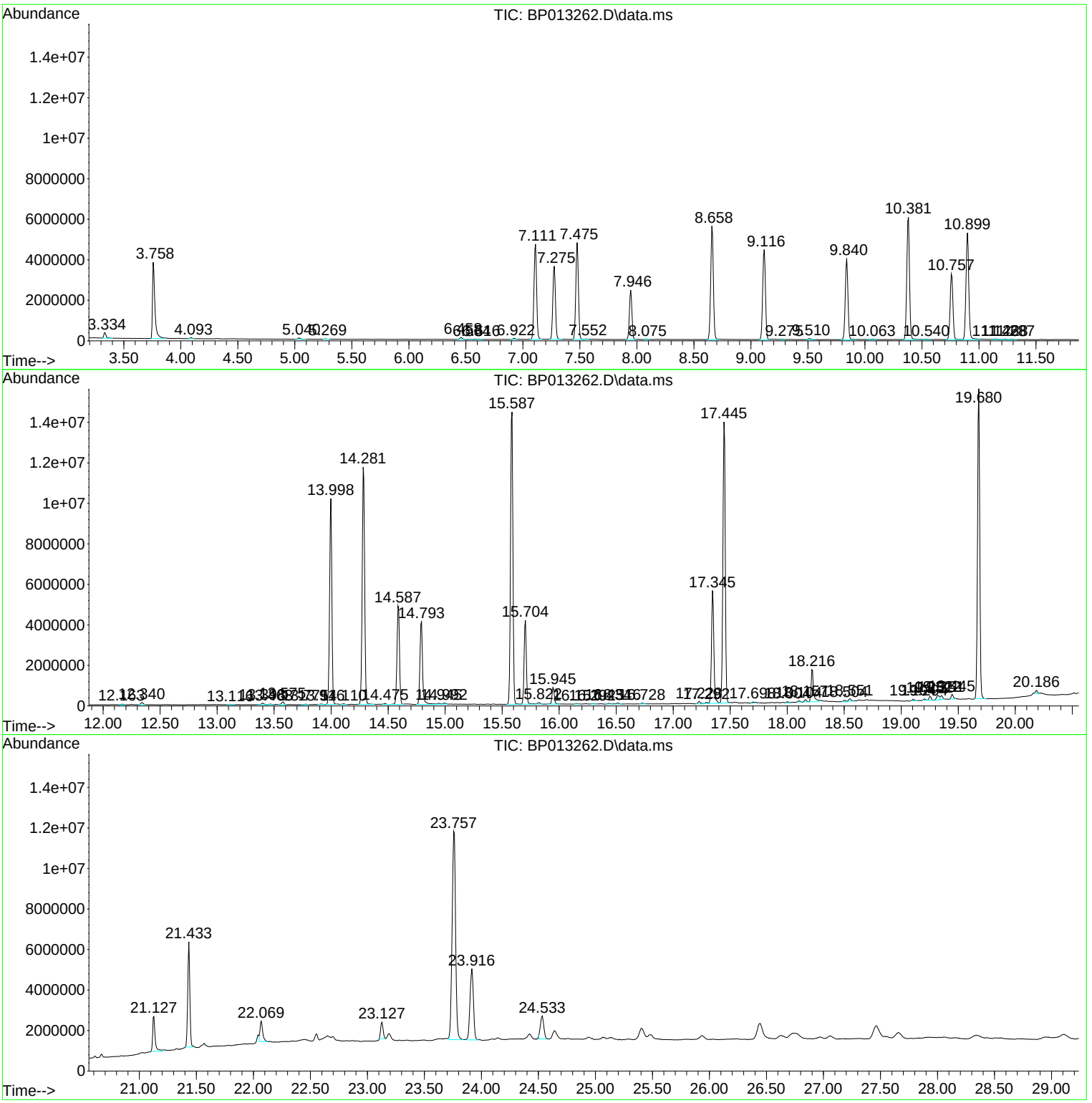
Sum of corrected areas: 250146580

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122222\
Data File : BP013262.D
Acq On : 23 Dec 2022 01:17
Operator : CG/JU
Sample : N6015-21
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DBYA4

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122222\
Data File : BP013262.D
Acq On : 23 Dec 2022 01:17
Operator : CG/JU
Sample : N6015-21
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DBYA4

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
Quant Title : SVOA CALIBRATION

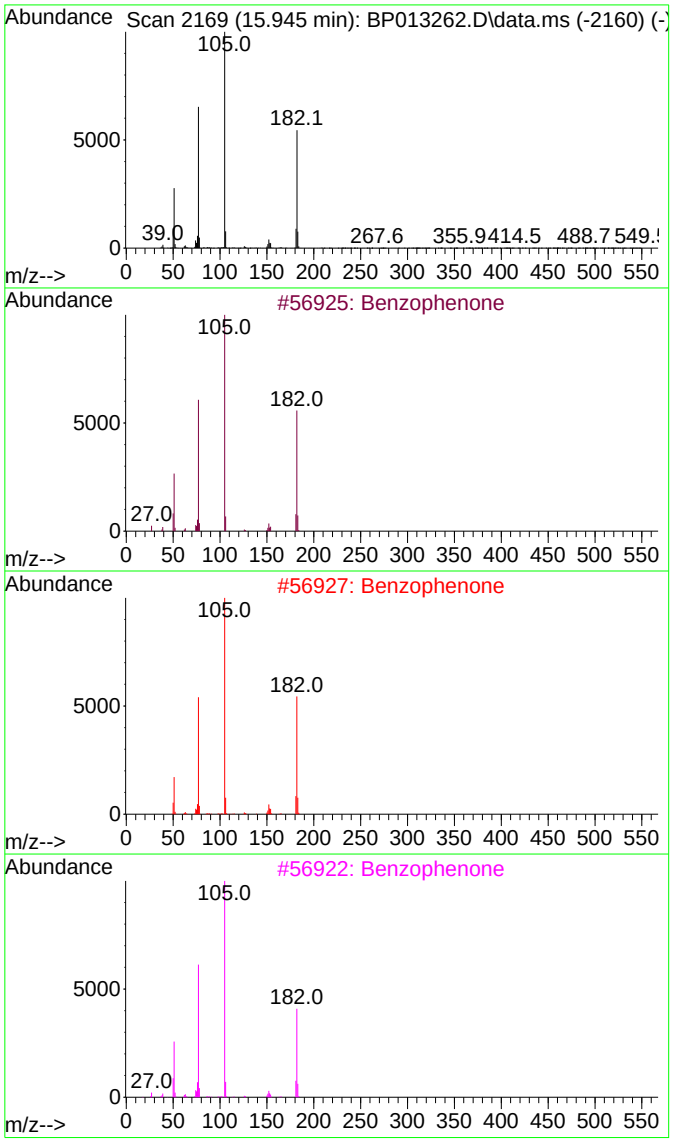
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

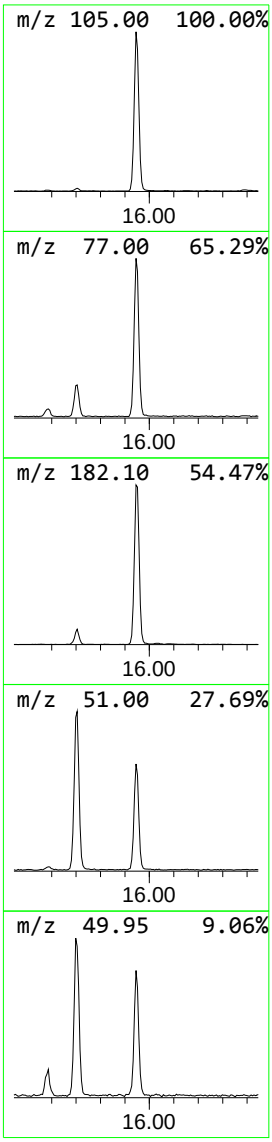
****

Peak Number 1 Benzophenone Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.945	3.12 ng/ul	1150590	Acenaphthene-d10	14.587

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	Benzophenone	182	C13H10O	000119-61-9	95
3	Benzophenone	182	C13H10O	000119-61-9	94
4	Benzophenone	182	C13H10O	000119-61-9	91
5	Benzophenone	182	C13H10O	000119-61-9	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122222\
Data File : BP013262.D
Acq On : 23 Dec 2022 01:17
Operator : CG/JU
Sample : N6015-21
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DBYA4

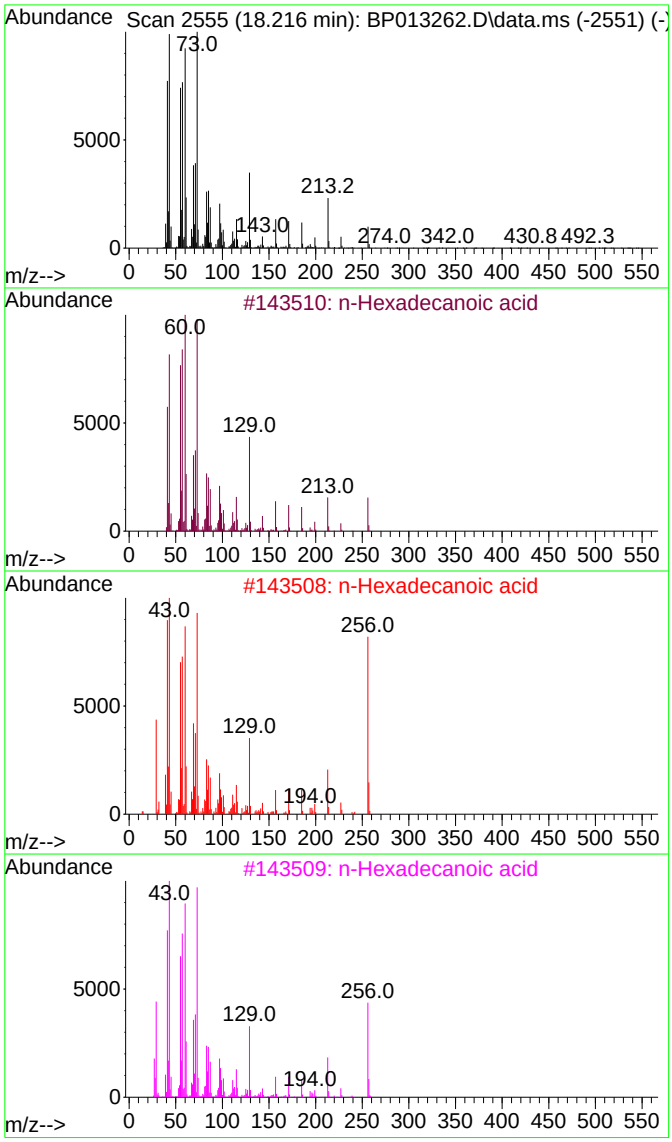
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
Quant Title : SVOA CALIBRATION

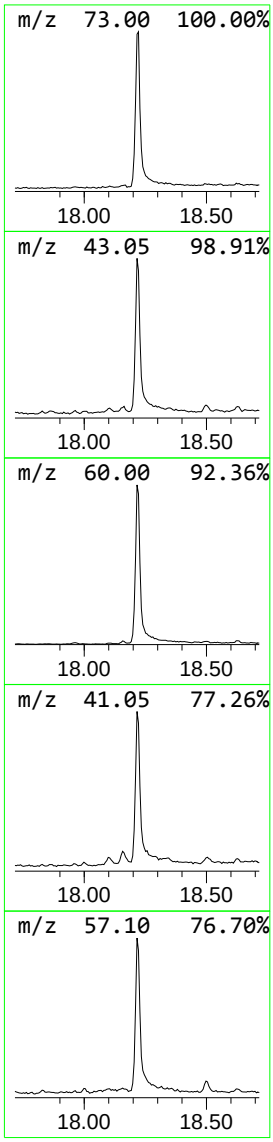
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.216	5.82 ng/ul	2324760	Phenanthrene-d10	17.345

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	99
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122222\
Data File : BP013262.D
Acq On : 23 Dec 2022 01:17
Operator : CG/JU
Sample : N6015-21
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DBYA4

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
Quant Title : SVOA CALIBRATION

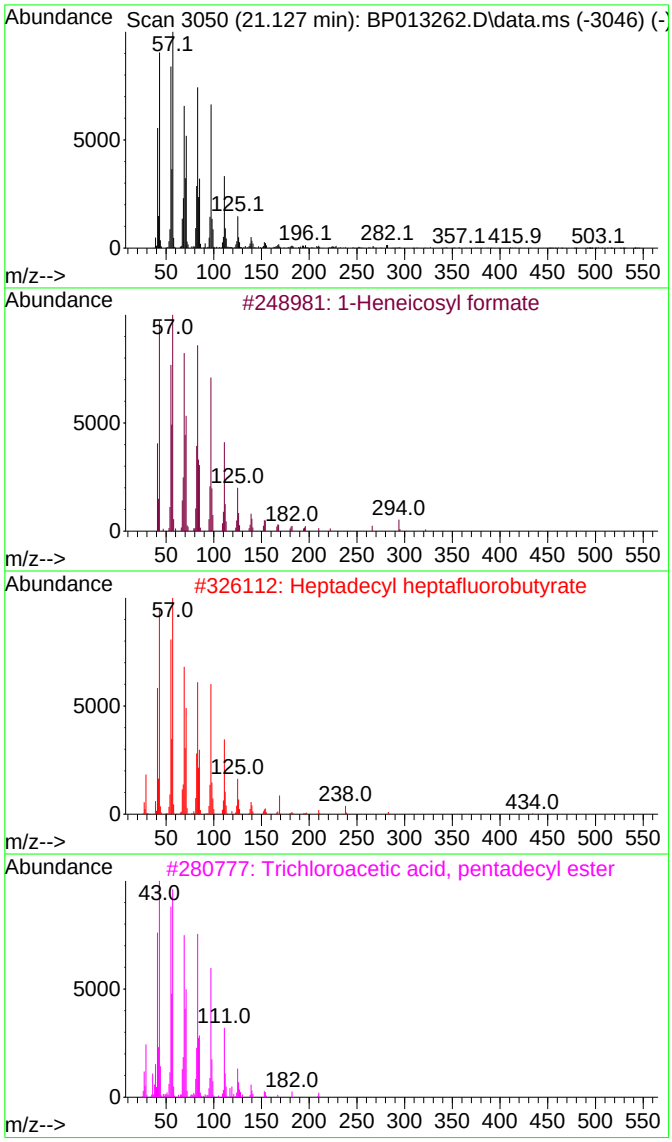
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

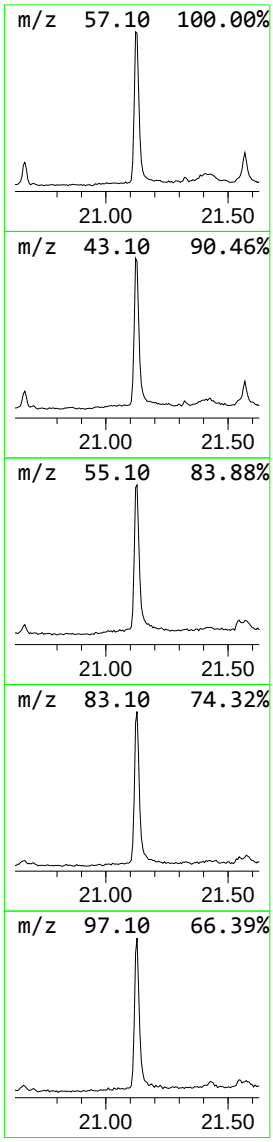
****

Peak Number 3 1-Heneicosyl formate Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.128	7.74 ng/ul	2575750	Chrysene-d12	21.433

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosyl formate	340	C22H44O2	077899-03-7	99
2	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	94
3	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	94
4	Cyclotetracosane	336	C24H48	000297-03-0	94
5	1-Hexacosene	364	C26H52	018835-33-1	94





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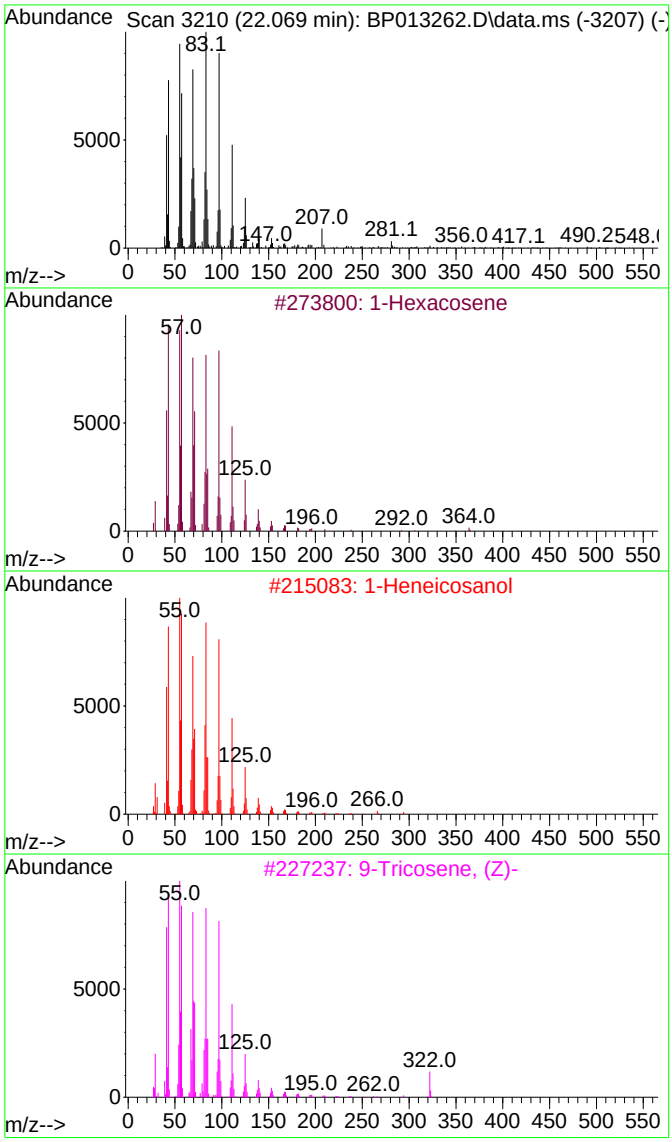
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
Quant Title : SVOA CALIBRATION

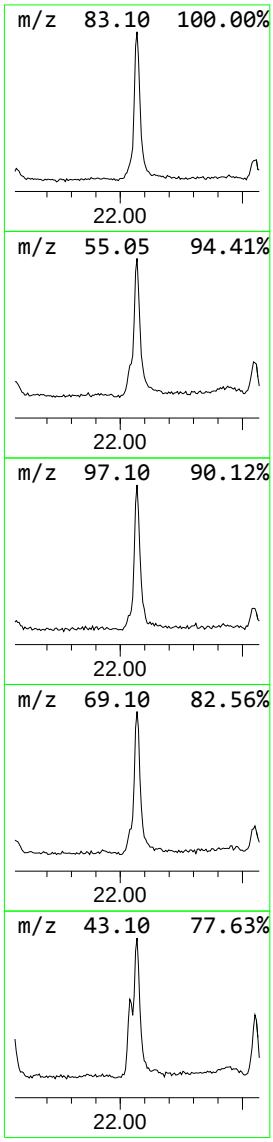
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.069	4.72 ng/ul	1569540	Chrysene-d12	21.433

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexacosene	364	C26H52	018835-33-1	94
2	1-Heneicosanol	312	C21H44O	015594-90-8	94
3	9-Tricosene, (Z)-	322	C23H46	027519-02-4	91
4	1-Tricosene	322	C23H46	018835-32-0	89
5	2-Methyl-2-docosene	322	C23H46	1000131-16-9	86





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Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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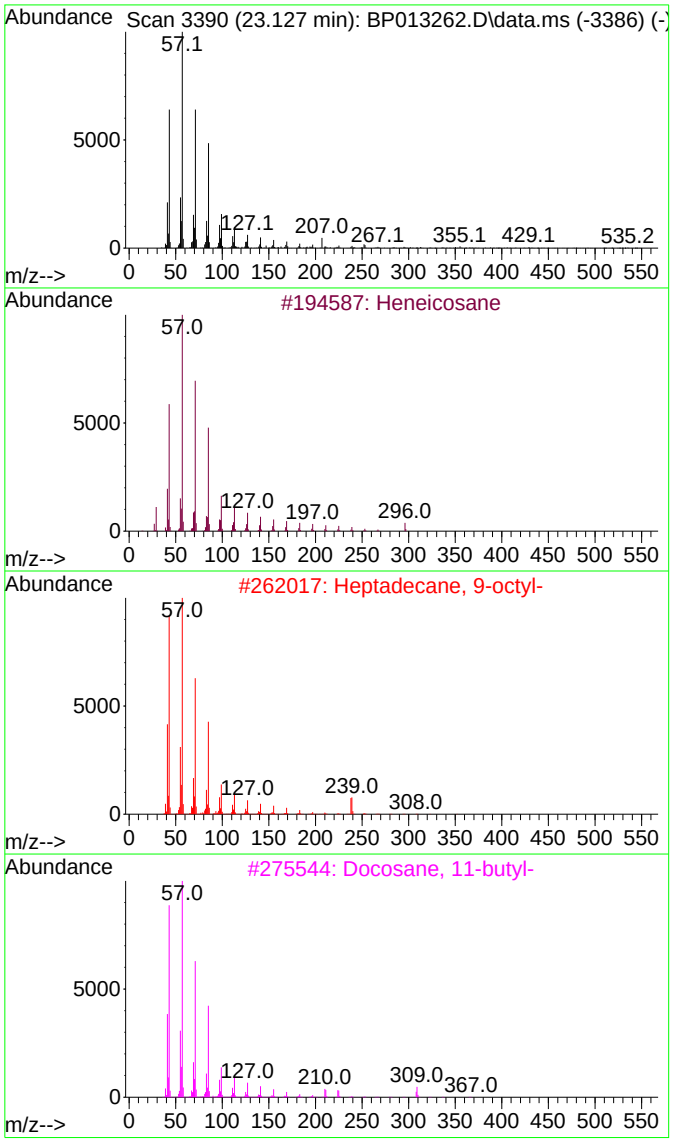
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
Quant Title : SVOA CALIBRATION

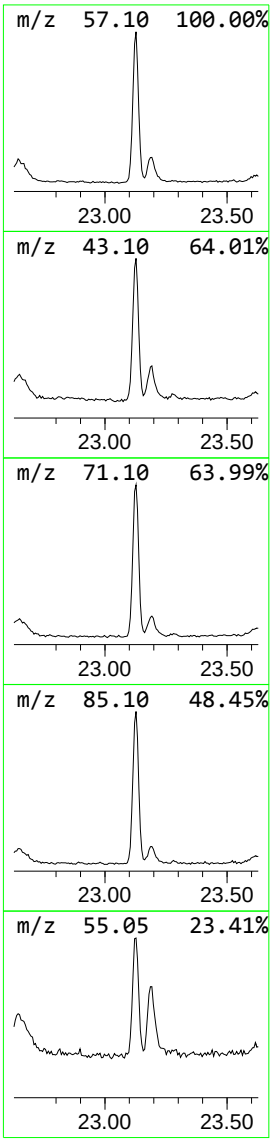
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.127	3.42 ng/ul	1229920	Perylene-d12	23.916

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	97
2	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	94
3	Docosane, 11-butyl-	366	C26H54	013475-76-8	93
4	2-Methyltetracosane	352	C25H52	001560-78-7	93
5	Docosane, 9-butyl-	366	C26H54	055282-14-9	93





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Operator : CG/JU
Sample : N6015-21
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DBYA4

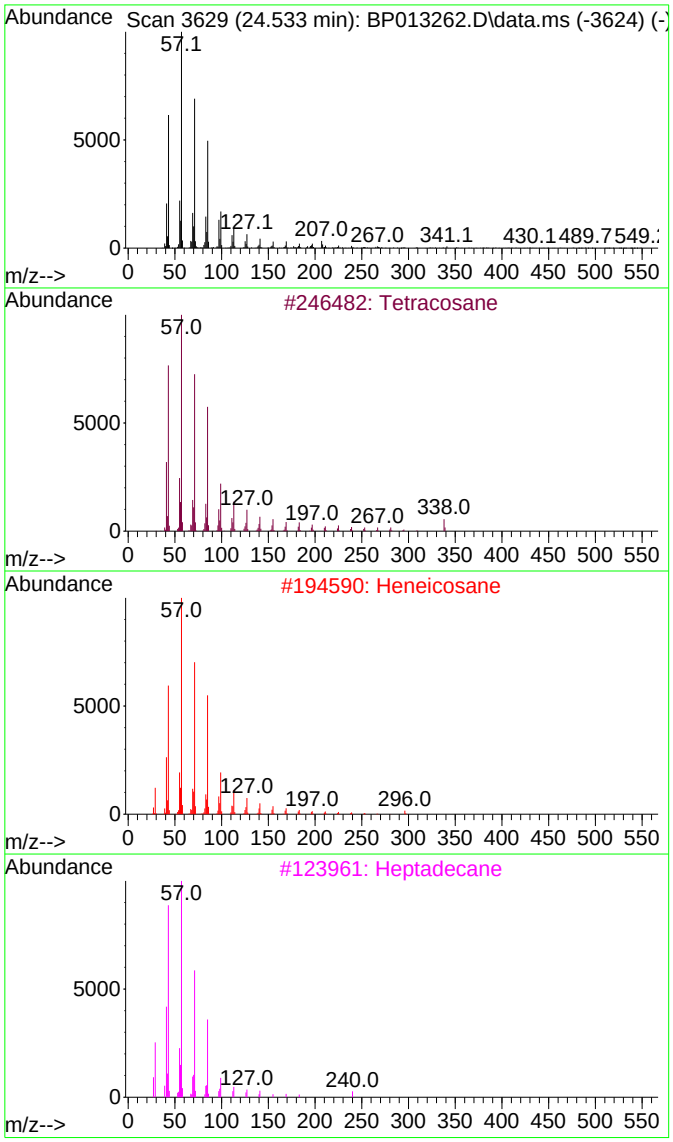
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
Quant Title : SVOA CALIBRATION

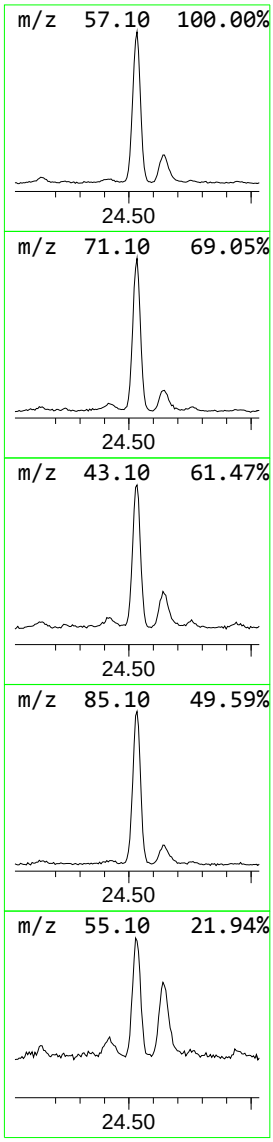
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.533	6.54 ng/ul	2353470	Perylene-d12	23.916

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	97
2	Heneicosane	296	C21H44	000629-94-7	95
3	Heptadecane	240	C17H36	000629-78-7	94
4	Hexacosane	366	C26H54	000630-01-3	94
5	Tetratetracontane	619	C44H90	007098-22-8	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122222\
Data File : BP013262.D
Acq On : 23 Dec 2022 01:17
Operator : CG/JU
Sample : N6015-21
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DBYA4

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.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	15.945	3.1	ng/ul	1150590	3	14.587	7381840	20.0
n-Hexadecanoic ...	18.216	5.8	ng/ul	2324760	4	17.345	7992530	20.0
1-Heneicosyl fo...	21.128	7.7	ng/ul	2575750	5	21.433	6656410	20.0
(DEL) Alkane: S...	22.069	4.7	ng/ul	1569540	5	21.433	6656410	20.0
(DEL) Alkane: S...	23.127	3.4	ng/ul	1229920	6	23.916	7200820	20.0
(DEL) Alkane: S...	24.533	6.5	ng/ul	2353470	6	23.916	7200820	20.0