LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050823\
Data File : BP014997.D
Acq On : 08 May 2023 17:19
Operator : CG/JU
Sample : 02589-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
JREC3

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-BP050323.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BP014997.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.457	9	12	19	rVB	40311	55192	1.04%	0.095%
2	4.146	123	129	132	rVB	16350	26380	0.49%	0.046%
3	4.246	142	146	151	rVB	20921	30928	0.58%	0.053%
4	5.199	304	308	314	rVB3	14576	25164	0.47%	0.043%
5	5.693	389	392	395	rVB3	3852	5462	0.10%	0.009%
6	5.816	411	413	420	rVB2	8618	9779	0.18%	0.017%
7	7.140	632	638	642	rBV8	5760	13616	0.26%	0.023%
8	7.304	658	666	680	rBV	639107	1066814	20.02%	1.841%
9	7.481	689	696	705	rVB	575636	901628	16.92%	1.556%
10	7.687	724	731	740	rBV	679373	1090093	20.45%	1.881%
11	7.769	743	745	754	rVB6	9996	15157	0.28%	0.026%
12	8.163	805	812	827	rBV	1281739	2037431	38.23%	3.516%
13	8.869	925	932	943	rBV	808770	1356065	25.44%	2.340%
14	8.998	948	954	959	rVB	26404	44644	0.84%	0.077%
15	9.340	1004	1012	1024	rBV	663954	1081918	20.30%	1.867%
16	9.498	1034	1039	1044	rVB9	7140	12059	0.23%	0.021%
17	9.739	1074	1080	1089	rVB2	12908	23402	0.44%	0.040%
18	10.069	1126	1136	1148	rBV	537931	894288	16.78%	1.543%
19	10.610	1221	1228	1245	rBV	826968	1411799	26.49%	2.437%
20	10.998	1284	1294	1304	rBV	1963758	3291216	61.75%	5.680%
21	11.134	1310	1317	1329	rBV	558158	991526	18.60%	1.711%
22	11.786	1423	1428	1429	rBV5	3688	5584	0.10%	0.010%
23	12.239	1498	1505	1510	rBV8	3652	7423	0.14%	0.013%
24	12.398	1526	1532	1536	rBV9	6385	12066	0.23%	0.021%
25	12.475	1541	1545	1550	rBV6	4387	8143	0.15%	0.014%
26	12.575	1557	1562	1568	rVB2	15921	25195	0.47%	0.043%
27	12.786	1595	1598	1606	rVB10	4435	7066	0.13%	0.012%
28	13.416	1700	1705	1710	rBV9	3851	5622	0.11%	0.010%
29	13.622	1734	1740	1744	rVB	14785	21201	0.40%	0.037%
30	13.692	1746	1752	1757	rBV	63420	97912	1.84%	0.169%
31	14.128	1821	1826	1832	rBV10	3867	7071	0.13%	0.012%
32	14.210	1832	1840	1851	rBV	1537832	2170245	40.72%	3.746%
33	14.328	1854	1860	1864	rVB9	6673	11807	0.22%	0.020%
34	14.445	1876	1880	1883	rBV6	3117	5386	0.10%	0.009%
35	14.504	1883	1890	1905	rVV	1853670	2769813	51.97%	4.780%
36	14.686	1918	1921	1925	rVB4	5570	7421	0.14%	0.013%

LSC Area Percent Report

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Operator : CG/JU
Sample : 02589-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : JREC3

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-BP050323.MA.M
Title : SVOA CALIBRATION

37	14.810	1935	1942	1955	rBV	3082564	4593505	86.19%	7.928%
38	14.992	1967	1973	1988	rBV	335034	586664	11.01%	1.013%
39	15.157	1997	2001	2005	rBV7	3784	5801	0.11%	0.010%
40	15.216	2006	2011	2017	rVB5	20572	33602	0.63%	0.058%
41	15.592	2070	2075	2078	rBV6	3795	8567	0.16%	0.015%
42	15.798	2103	2110	2123	rBV	2273479	3343637	62.74%	5.771%
43	15.916	2124	2130	2140	rVV	599816	821637	15.42%	1.418%
44	16.045	2147	2152	2157	rVB5	12029	21212	0.40%	0.037%
45	16.163	2166	2172	2179	rVB	576733	797704	14.97%	1.377%
46	16.498	2227	2229	2233	rBV5	5980	7193	0.13%	0.012%
47	16.663	2253	2257	2259	rVV5	5774	8830	0.17%	0.015%
48	16.692	2259	2262	2266	rVV6	5854	11214	0.21%	0.019%
49	16.727	2266	2268	2275	rVB8	6046	8420	0.16%	0.015%
50	16.939	2301	2304	2311	rBV8	8461	17693	0.33%	0.031%
51	17.010	2314	2316	2322	rVB7	3426	6306	0.12%	0.011%
52	17.298	2362	2365	2368	rBV4	7396	7920	0.15%	0.014%
53	17.345	2369	2373	2381	rVB7	11306	22517	0.42%	0.039%
54	17.439	2386	2389	2397	rBV9	10100	20781	0.39%	0.036%
55	17.504	2397	2400	2404	rBV5	5520	6959	0.13%	0.012%
56	17.569	2404	2411	2420	rBV	3670526	5329740	100.00%	9.199%
57	17.663	2421	2427	2435	rBV	2526071	3447215	64.68%	5.950%
58	17.833	2452	2456	2462	rVB2	11735	19880	0.37%	0.034%
59	18.033	2487	2490	2494	rBV4	9194	11979	0.22%	0.021%
60	18.204	2516	2519	2524	rBV7	12368	15634	0.29%	0.027%
61	18.310	2532	2537	2542	rBV4	41196	63070	1.18%	0.109%
62	18.363	2542	2546	2551	rBV2	33790	46432	0.87%	0.080%
63	18.421	2551	2556	2566	rBV	500824	768960	14.43%	1.327%
64	19.304	2703	2706	2715	rVB6	19945	27079	0.51%	0.047%
65	19.457	2729	2732	2736	rVB2	33016	42940	0.81%	0.074%
66	19.527	2738	2744	2747	rBV2	59407	107711	2.02%	0.186%
67	19.645	2760	2764	2774	rBV2	100470	169623	3.18%	0.293%
68	19.786	2785	2788	2794	rBV5	29493	39953	0.75%	0.069%
69	19.880	2798	2804	2816	rBV	3047587	4116580	77.24%	7.105%
70	20.351	2882	2884	2886	rBV3	44772	50050	0.94%	0.086%
71	20.857	2968	2970	2974	rVB	73474	72707	1.36%	0.125%
72	21.315	3044	3048	3059	rBV	691137	976695	18.33%	1.686%
73	21.645	3099	3104	3114	rBV	3402211	4493966	84.32%	7.756%
74	22.268	3207	3210	3213	rBV	132385	172303	3.23%	0.297%
75	23.080	3345	3348	3354	rVB3	263350	384580	7.22%	0.664%
76	23.415	3401	3405	3410	rVB	245481	377951	7.09%	0.652%

LSC Area Percent Report

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Data File : BP014997.D
Acq On : 08 May 2023 17:19
Operator : CG/JU
Sample : 02589-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
JREC3

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-BP050323.MA.M
Title : SVOA CALIBRATION

77	23.474	3411	3415	3428	rVB	415818	898063	16.85%	1.550%
78	24.074	3511	3517	3530	rVB2	1226219	2804348	52.62%	4.840%
79	24.245	3539	3546	3559	rVB2	1641184	3626643	68.05%	6.259%

Sum of corrected areas: 57940780

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050823\
Data File : BP014997.D
Acq On : 08 May 2023 17:19
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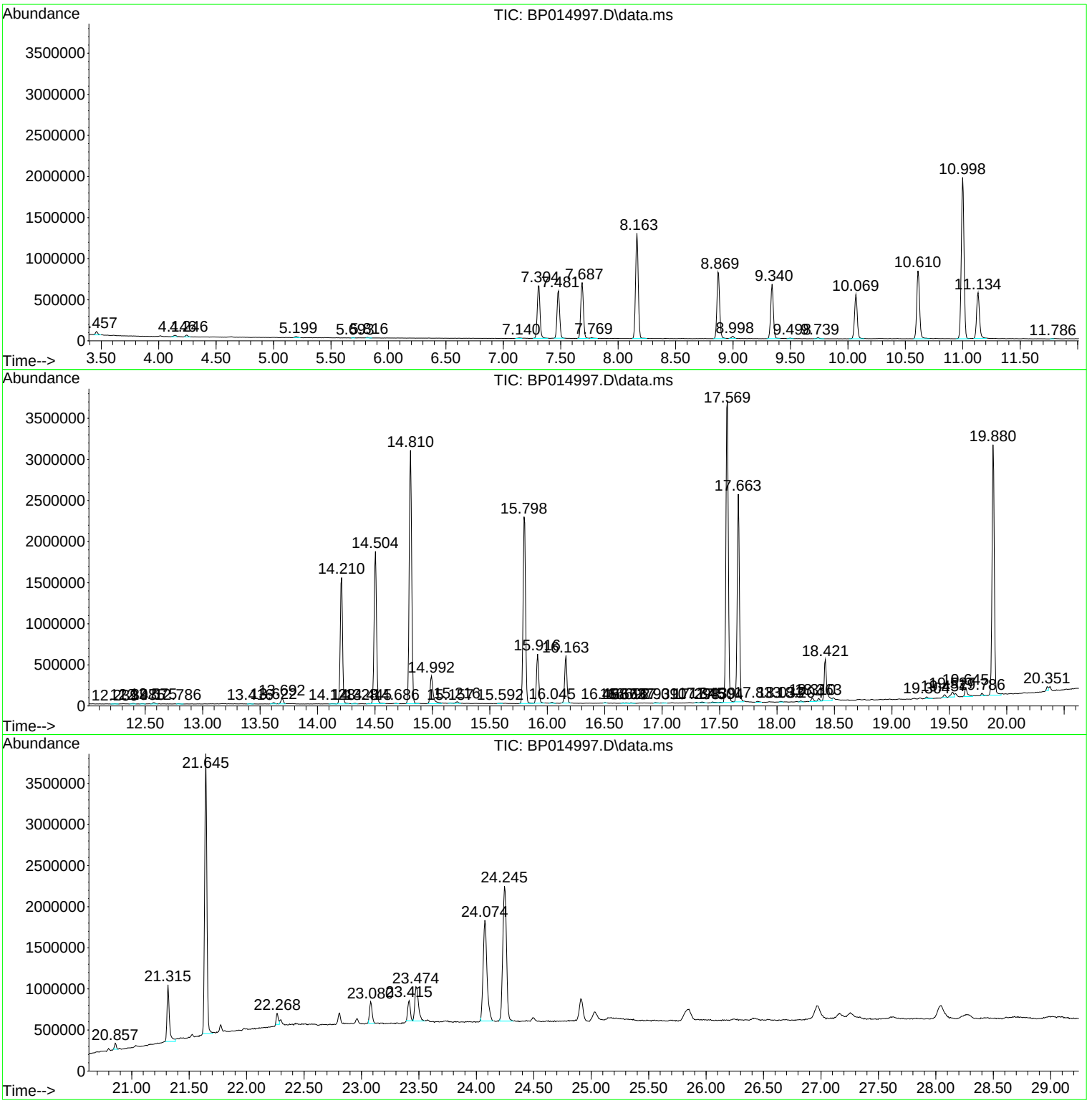
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
JREC3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050323.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\BP050823\
Data File : BP014997.D
Acq On : 08 May 2023 17:19
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Instrument :
BNA_P
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050323.MA.M
Quant Title : SVOA CALIBRATION

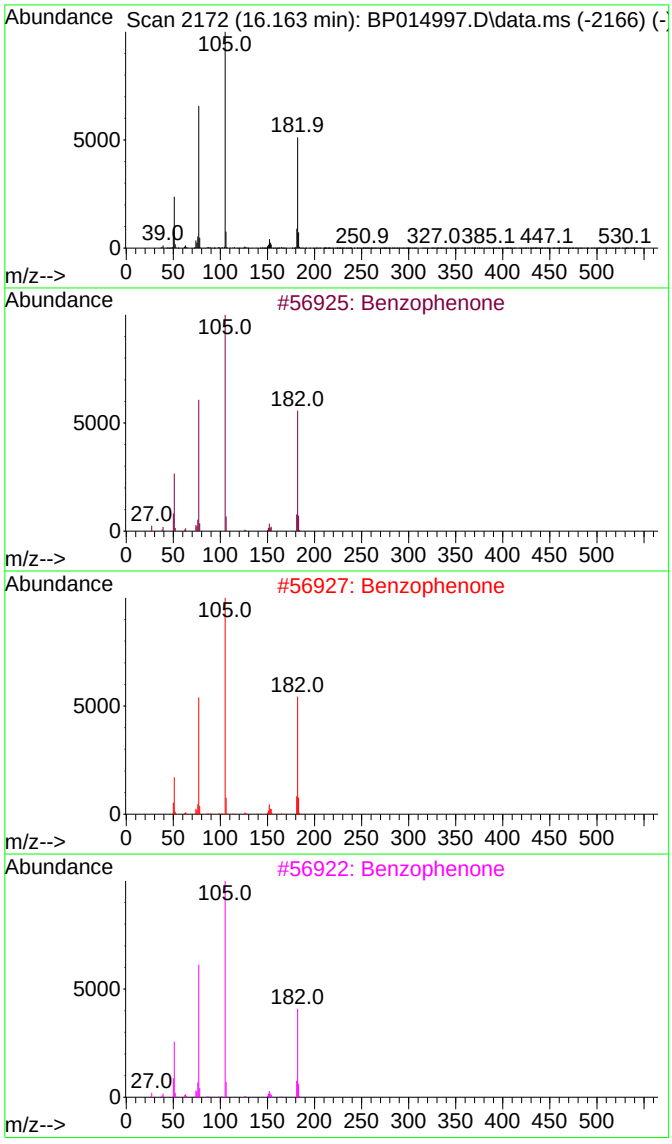
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

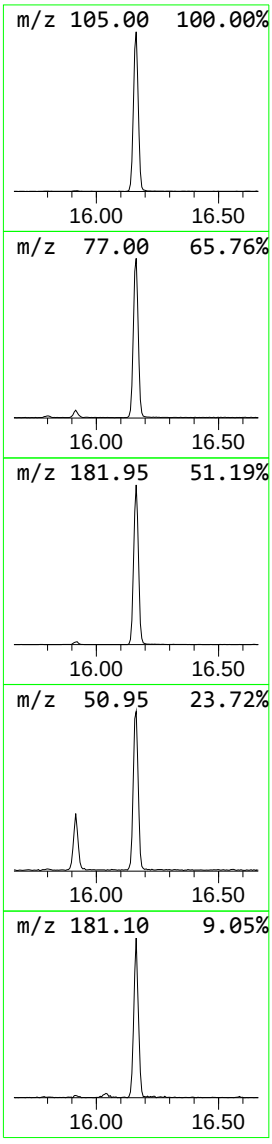
****

Peak Number 1 Benzophenone Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.163	3.47 ng/ul	797704	Acenaphthene-d10	14.810

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	93
5	Benzophenone	182	C13H10O	000119-61-9	91





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Data File : BP014997.D
Acq On : 08 May 2023 17:19
Operator : CG/JU
Sample : 02589-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
JREC3

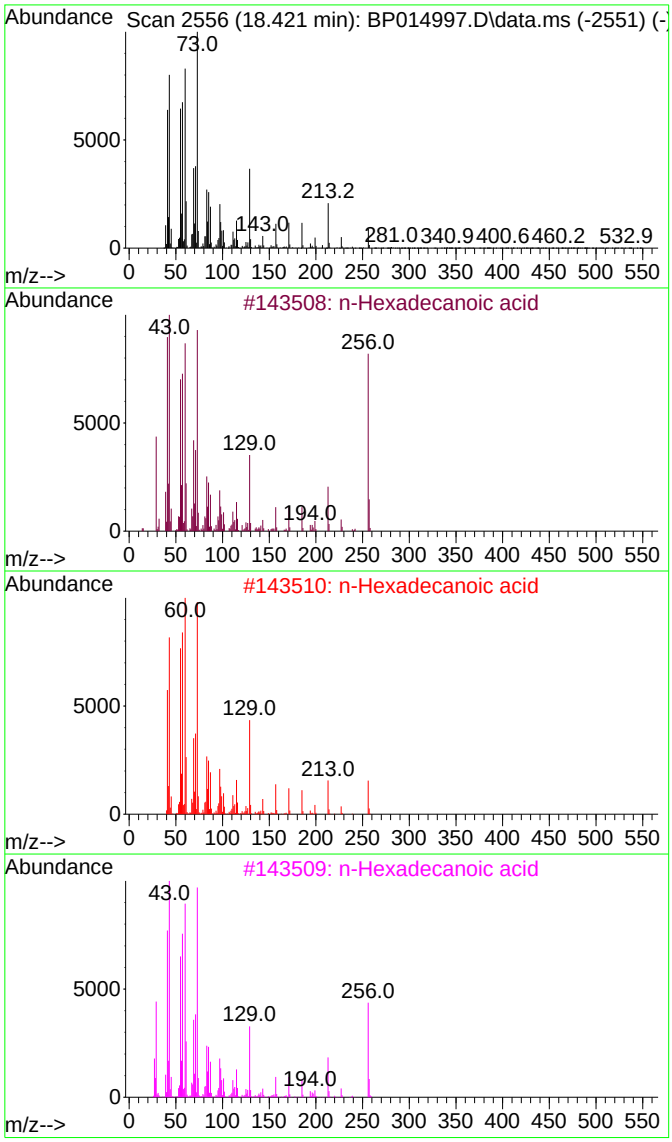
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050323.MA.M
Quant Title : SVOA CALIBRATION

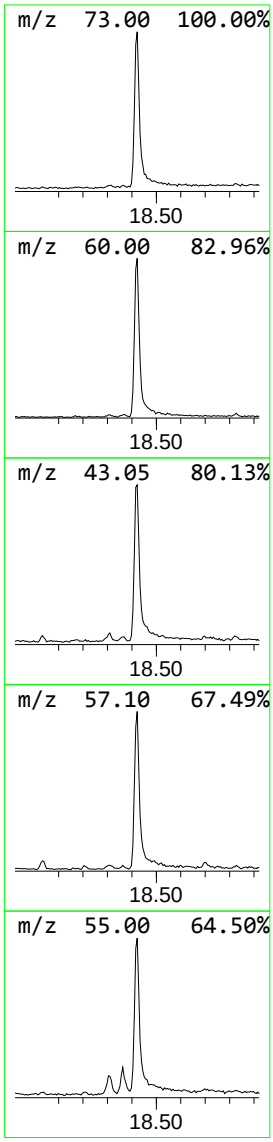
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.421	2.89 ng/ul	768960	Phenanthrene-d10	17.569

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	93
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050823\
Data File : BP014997.D
Acq On : 08 May 2023 17:19
Operator : CG/JU
Sample : 02589-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
JREC3

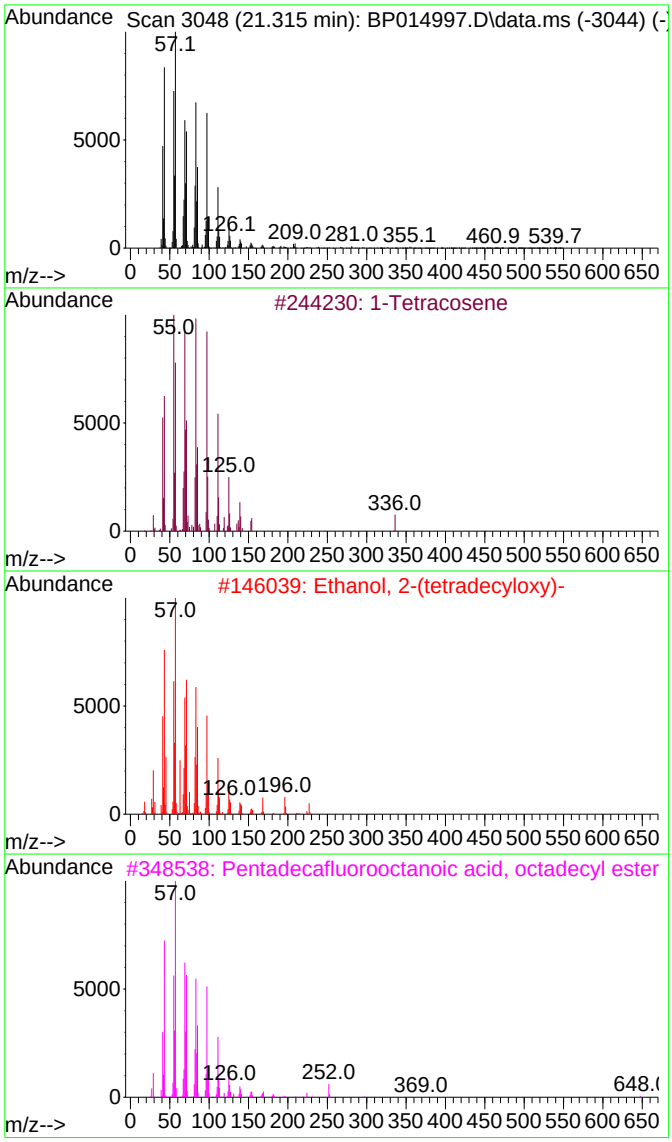
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050323.MA.M
Quant Title : SVOA CALIBRATION

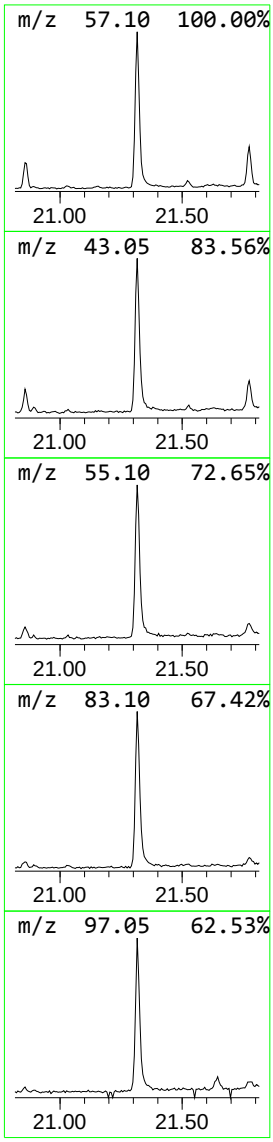
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.315	4.35 ng/ul	976695	Chrysene-d12	21.645

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Tetracosene	336	C24H48	010192-32-2	97
2	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	95
3	Pentadecafluorooctanoic acid, oc...	666	C26H37F15O2	1000406-04-8	94
4	Cyclohexadecane	224	C16H32	000295-65-8	93
5	Heptadecyl trifluoroacetate	352	C19H35F3O2	1010351-87-0	91





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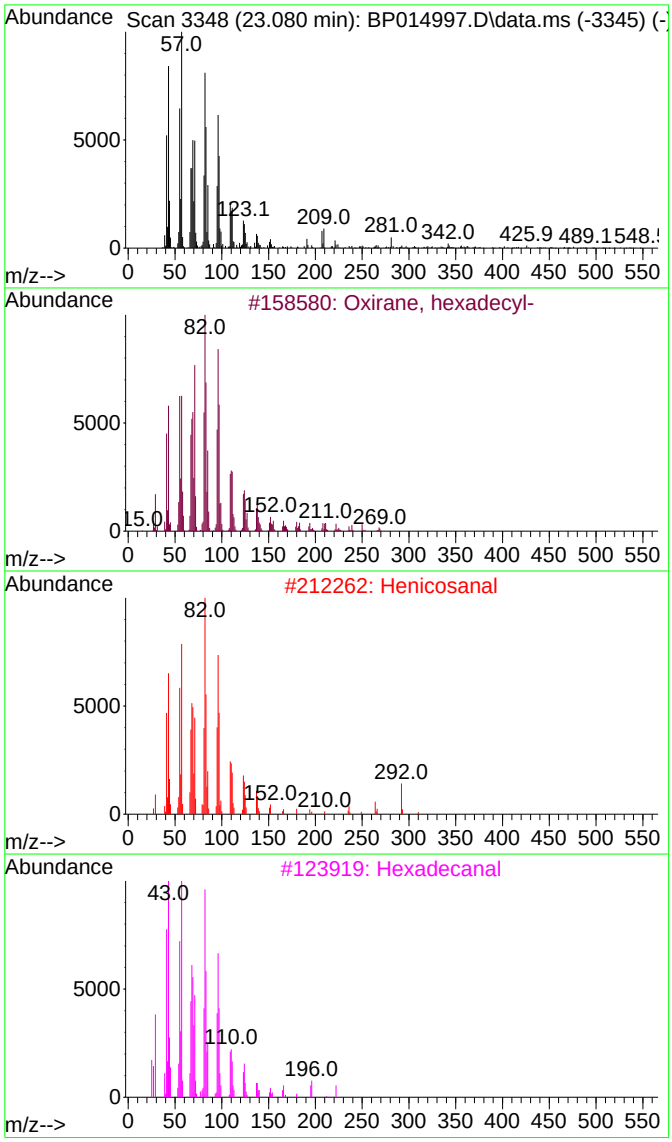
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050323.MA.M
Quant Title : SVOA CALIBRATION

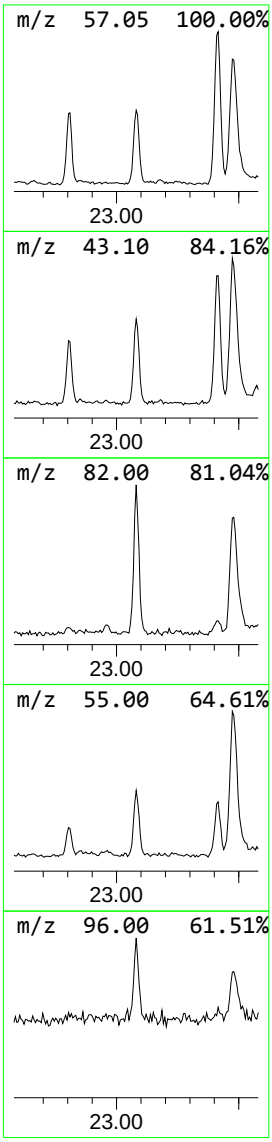
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Oxirane, hexadecyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.080	2.12 ng/ul	384580	Perylene-d12	24.245

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	91
2	Henicosanal	310	C21H42O	051227-32-8	91
3	Hexadecanal	240	C16H32O	000629-80-1	91
4	Oxirane, tetradecyl-	240	C16H32O	007320-37-8	91
5	Heptacosanal	394	C27H54O	072934-03-3	91





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Sample : 02589-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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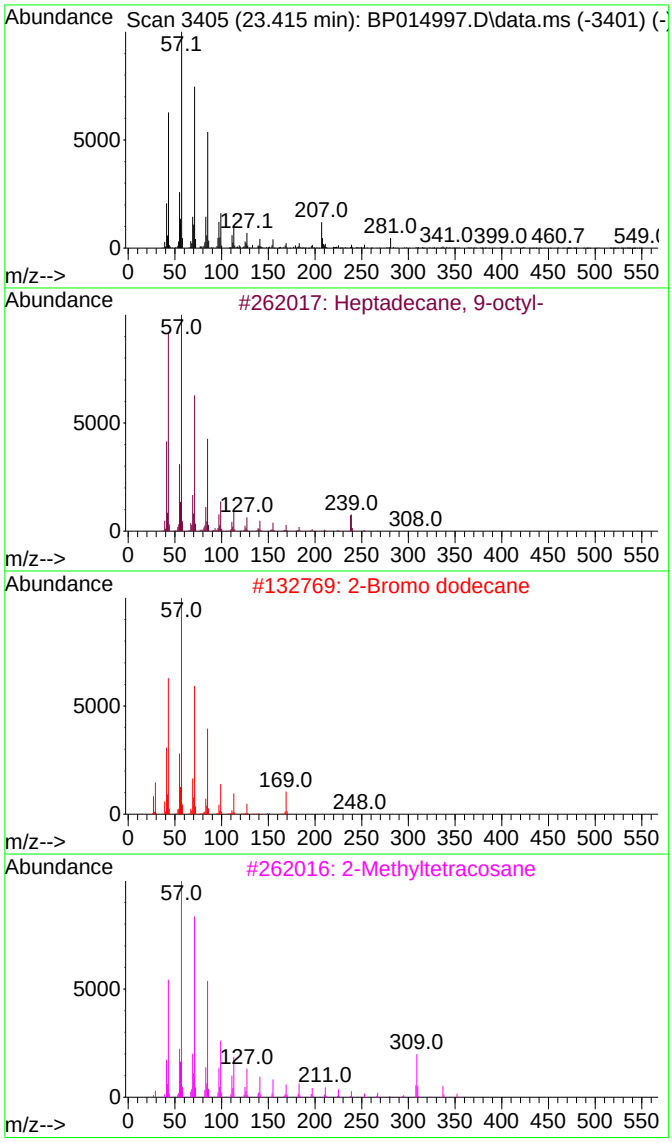
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050323.MA.M
Quant Title : SVOA CALIBRATION

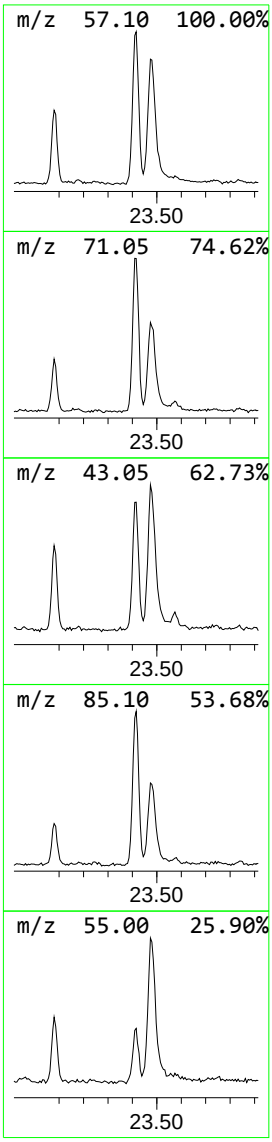
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.415	2.08 ng/ul	377951	Perylene-d12	24.245

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	94
2	2-Bromo dodecane	248	C12H25Br	013187-99-0	91
3	2-Methyltetracosane	352	C25H52	001560-78-7	91
4	Octacosane	394	C28H58	000630-02-4	87
5	Hexacosane	366	C26H54	000630-01-3	87





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Data File : BP014997.D
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Operator : CG/JU
Sample : 02589-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
JREC3

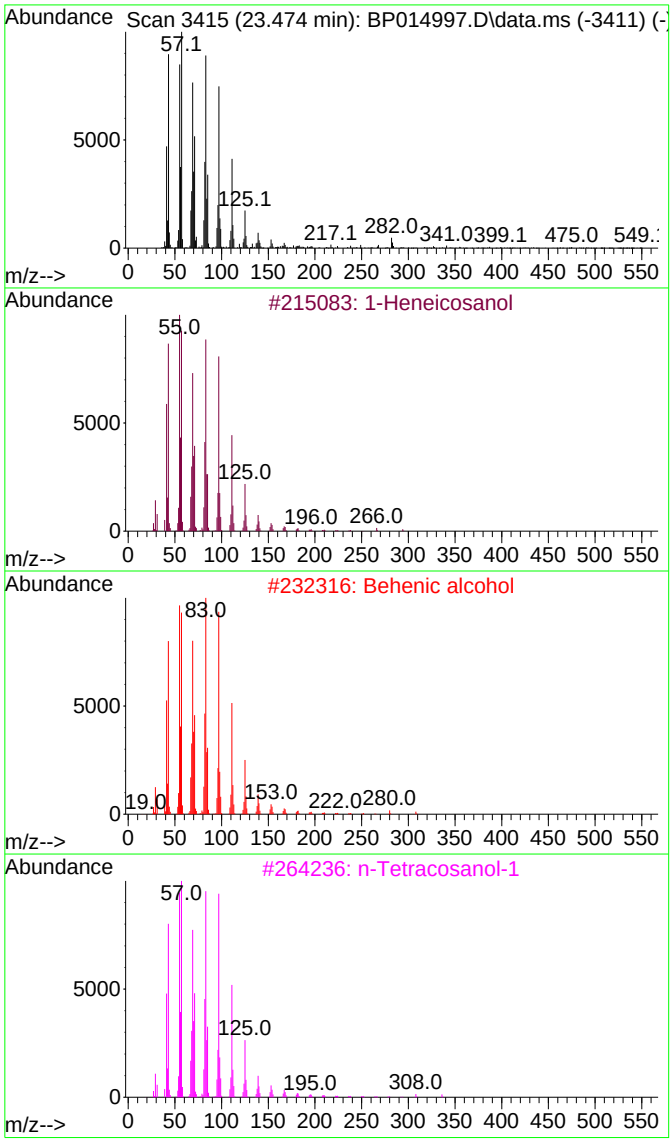
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050323.MA.M
Quant Title : SVOA CALIBRATION

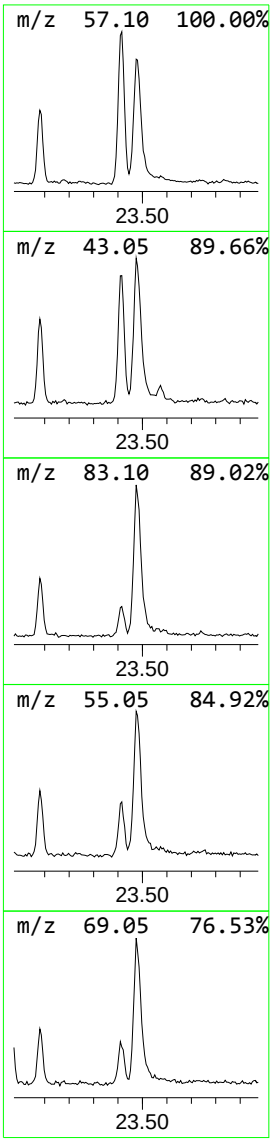
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 1-Heneicosanol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.474	4.95 ng/ul	898063	Perylene-d12	24.245

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosanol	312	C21H44O	015594-90-8	95
2	Behenic alcohol	326	C22H46O	000661-19-8	94
3	n-Tetracosanol-1	354	C24H50O	000506-51-4	94
4	1-Hexacosene	364	C26H52	018835-33-1	93
5	Octacosanol	410	C28H58O	000557-61-9	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050823\
Data File : BP014997.D
Acq On : 08 May 2023 17:19
Operator : CG/JU
Sample : 02589-06
Misc :
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Instrument :
BNA_P
ClientSampleId :
JREC3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050323.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	16.163	3.5	ng/ul	797704	3	14.810	4593510	20.0
n-Hexadecanoic ...	18.421	2.9	ng/ul	768960	4	17.569	5329740	20.0
(DEL) Alkane: S...	21.315	4.3	ng/ul	976695	5	21.645	4493970	20.0
Oxirane, hexade...	23.080	2.1	ng/ul	384580	6	24.245	3626640	20.0
(DEL) Alkane: S...	23.415	2.1	ng/ul	377951	6	24.245	3626640	20.0
1-Heneicosanol	23.474	5.0	ng/ul	898063	6	24.245	3626640	20.0