LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032023\
Data File : BP014139.D
Acq On : 20 Mar 2023 14:26
Operator : CG/JU
Sample : 01927-11
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCAQ8

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-BP030723.M
Title : SVOA CALIBRATION

Signal : TIC: BP014139.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.417	36	39	50	rVB	32533	52059	1.20%	0.110%
2	3.728	90	92	100	rVB9	3760	6611	0.15%	0.014%
3	3.858	111	114	117	rVB5	3616	4918	0.11%	0.010%
4	3.881	117	118	128	rBV	19815	46111	1.07%	0.097%
5	3.958	128	131	137	rVB	19100	24746	0.57%	0.052%
6	4.081	148	152	157	rVB2	15681	21942	0.51%	0.046%
7	4.181	165	169	177	rVB	13771	25279	0.58%	0.053%
8	4.281	185	186	193	rVB5	4419	6077	0.14%	0.013%
9	4.564	232	234	241	rVB8	4831	7468	0.17%	0.016%
10	4.652	247	249	255	rVB6	4060	5484	0.13%	0.012%
11	4.840	279	281	288	rVB8	2434	4383	0.10%	0.009%
12	5.122	324	329	340	rVB2	17044	34453	0.80%	0.073%
13	7.169	668	677	679	rBV9	4167	7964	0.18%	0.017%
14	7.216	679	685	700	rVV	564208	967407	22.38%	2.039%
15	7.381	707	713	729	rVB	429172	690525	15.97%	1.455%
16	7.587	742	748	758	rBV	552787	931558	21.55%	1.964%
17	7.663	760	761	764	rVB2	6004	4910	0.11%	0.010%
18	7.893	795	800	805	rVB8	2381	5099	0.12%	0.011%
19	8.063	819	829	836	rBV	586438	954812	22.08%	2.013%
20	8.775	943	950	965	rBV	647863	1115939	25.81%	2.352%
21	8.899	965	971	979	rVB	67494	113779	2.63%	0.240%
22	9.234	1021	1028	1043	rBV	550655	936855	21.67%	1.975%
23	9.616	1085	1093	1099	rVB3	10989	18403	0.43%	0.039%
24	9.963	1144	1152	1166	rBV	501623	846018	19.57%	1.783%
25	10.199	1186	1192	1194	rBV7	5103	10135	0.23%	0.021%
26	10.322	1209	1213	1221	rVB5	7117	14509	0.34%	0.031%
27	10.504	1237	1244	1266	rBV	683927	1296130	29.98%	2.732%
28	10.887	1302	1309	1317	rVV	848747	1390014	32.15%	2.930%
29	11.028	1326	1333	1349	rBV	343316	703171	16.26%	1.482%
30	11.440	1398	1403	1405	rBV6	3234	5819	0.13%	0.012%
31	11.722	1444	1451	1453	rBV8	5118	11029	0.26%	0.023%
32	12.116	1512	1518	1522	rBV6	4258	6981	0.16%	0.015%
33	12.287	1545	1547	1555	rVB9	3347	4929	0.11%	0.010%
34	12.404	1559	1567	1573	rVV8	7176	16697	0.39%	0.035%
35	12.469	1573	1578	1583	rVB2	12777	21610	0.50%	0.046%
36	13.504	1750	1754	1760	rBV7	6323	11164	0.26%	0.024%

LSC Area Percent Report

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Misc :
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Instrument :
BNA_P
ClientSampleId :
DCAQ8

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-BP030723.M
Title : SVOA CALIBRATION

37	13.587	1764	1768	1775	rVB5	12378	19129	0.44%	0.040%
38	13.681	1779	1784	1788	rVB7	2974	4630	0.11%	0.010%
39	13.975	1829	1834	1838	rVB7	3759	5337	0.12%	0.011%
40	14.028	1838	1843	1845	rBV5	4301	5826	0.13%	0.012%
41	14.104	1847	1856	1871	rVV	1456896	2087764	48.29%	4.401%
42	14.222	1871	1876	1881	rVB7	6511	10637	0.25%	0.022%
43	14.398	1899	1906	1915	rBV2	1559877	2341430	54.16%	4.935%
44	14.481	1915	1920	1927	rVB8	19660	32040	0.74%	0.068%
45	14.575	1933	1936	1941	rBV6	6953	10229	0.24%	0.022%
46	14.704	1948	1958	1966	rBV	1412372	2085590	48.24%	4.396%
47	14.910	1987	1993	2017	rBV	401412	935741	21.64%	1.972%
48	15.122	2024	2029	2037	rVB8	19557	40026	0.93%	0.084%
49	15.369	2069	2071	2076	rVB6	3051	4485	0.10%	0.009%
50	15.528	2093	2098	2101	rVB6	6652	8451	0.20%	0.018%
51	15.698	2120	2127	2138	rBV	2155635	3027646	70.03%	6.382%
52	15.816	2141	2147	2160	rVV	695824	1032219	23.87%	2.176%
53	15.934	2164	2167	2174	rVB5	12844	22347	0.52%	0.047%
54	16.057	2183	2188	2200	rBV	453606	652249	15.09%	1.375%
55	16.345	2233	2237	2240	rBV5	4312	7093	0.16%	0.015%
56	16.392	2243	2245	2249	rBV5	3852	5790	0.13%	0.012%
57	16.628	2281	2285	2291	rVB5	9756	14535	0.34%	0.031%
58	16.851	2318	2323	2329	rBV8	10587	22631	0.52%	0.048%
59	16.992	2342	2347	2351	rBV5	14920	20590	0.48%	0.043%
60	17.251	2388	2391	2394	rVV4	4111	4957	0.11%	0.010%
61	17.345	2403	2407	2415	rBV10	18731	35141	0.81%	0.074%
62	17.416	2415	2419	2420	rBV4	8072	11148	0.26%	0.023%
63	17.463	2420	2427	2436	rVV	1890000	2723138	62.98%	5.740%
64	17.563	2437	2444	2452	rBV	2334250	3309578	76.55%	6.976%
65	17.816	2483	2487	2489	rBV5	8045	10974	0.25%	0.023%
66	18.104	2534	2536	2541	rVB6	10975	14801	0.34%	0.031%
67	18.210	2550	2554	2563	rBV9	19181	45989	1.06%	0.097%
68	18.322	2568	2573	2601	rVV	1056104	1703500	39.40%	3.591%
69	18.722	2639	2641	2646	rVB6	20112	19139	0.44%	0.040%
70	19.145	2711	2713	2718	rVB4	22362	24309	0.56%	0.051%
71	19.357	2747	2749	2754	rVB3	52660	71825	1.66%	0.151%
72	19.433	2755	2762	2777	rBV4	88087	278917	6.45%	0.588%
73	19.545	2777	2781	2789	rBV	341159	549269	12.70%	1.158%
74	19.786	2816	2822	2832	rBV	3207500	4323570	100.00%	9.113%
75	20.757	2985	2987	2991	rVB2	69365	71151	1.65%	0.150%
76	21.210	3060	3064	3077	rBV	837350	1261906	29.19%	2.660%

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Instrument :
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ClientSampleId :
DCAQ8

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
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Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP030723.M
Title : SVOA CALIBRATION

77	21.539	3115	3120	3128	rBV	2340381	3265991	75.54%	6.884%
78	23.910	3516	3523	3535	rVB2	2013541	4033313	93.29%	8.501%
79	24.074	3544	3551	3560	rVB	1427294	2963643	68.55%	6.247%

Sum of corrected areas: 47443662

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Instrument :
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ClientSampleId :
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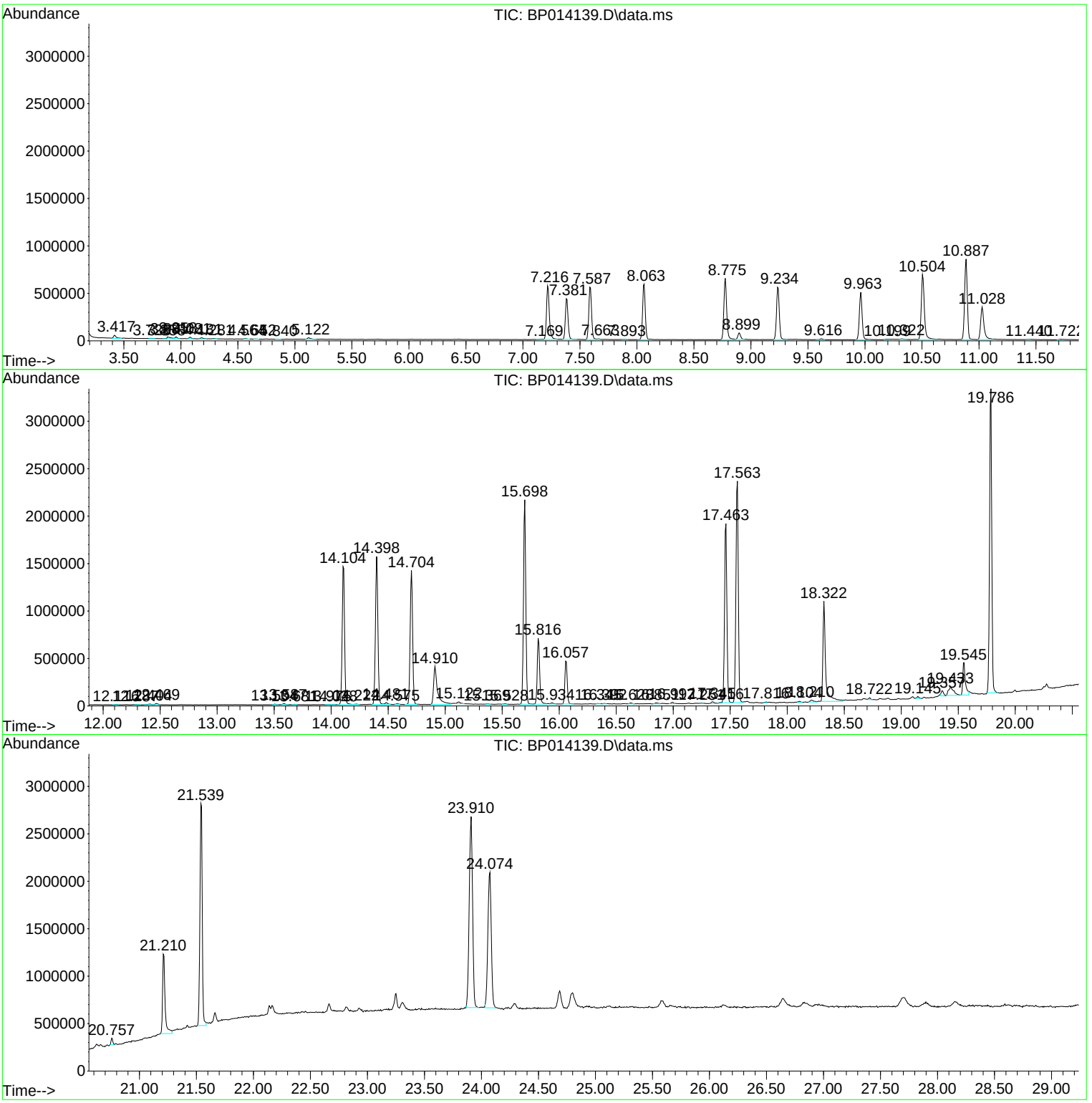
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP030723.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032023\
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Instrument :
BNA_P
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP030723.M
Quant Title : SVOA CALIBRATION

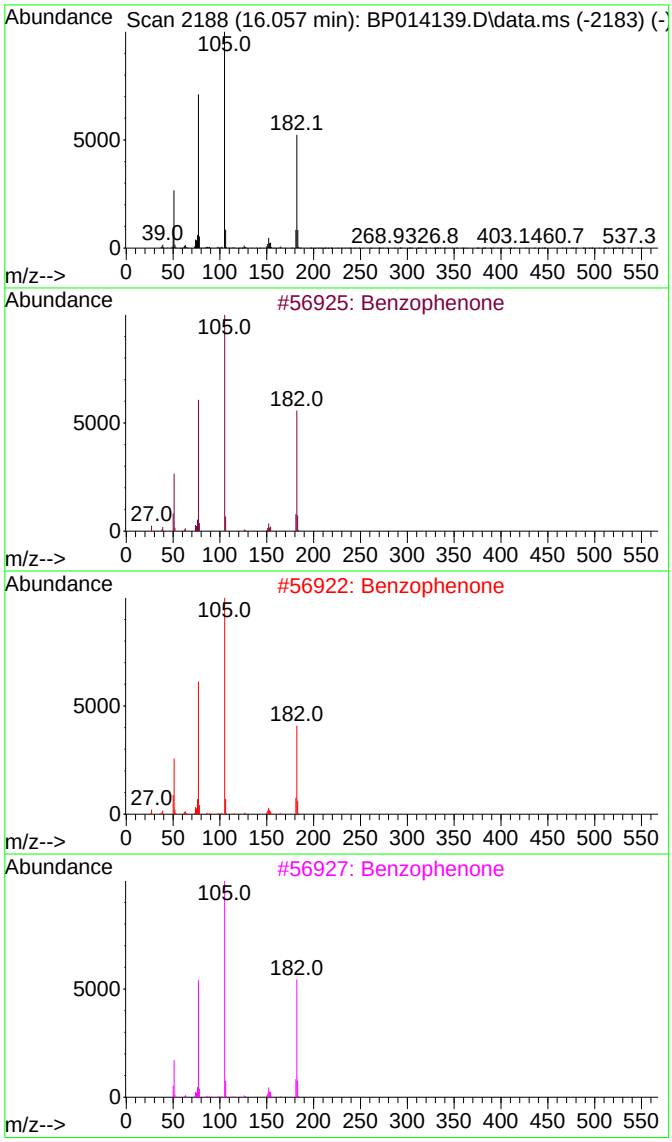
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

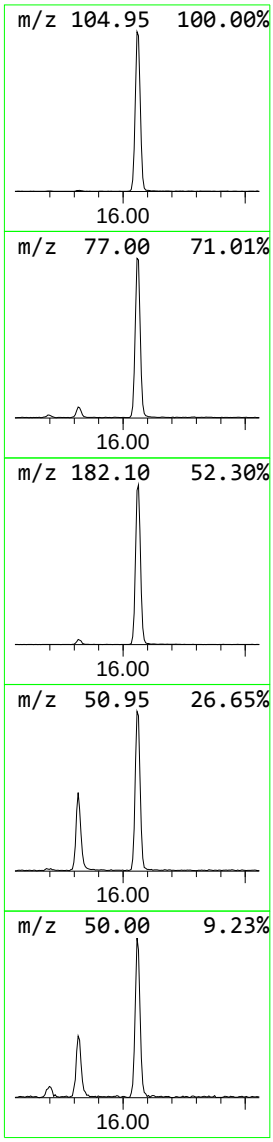
****

Peak Number 1 Benzophenone Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.057	6.25 ng/ul	652249	Acenaphthene-d10	14.704

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





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032023\
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Acq On : 20 Mar 2023 14:26
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Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCAQ8

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP030723.M
Quant Title : SVOA CALIBRATION

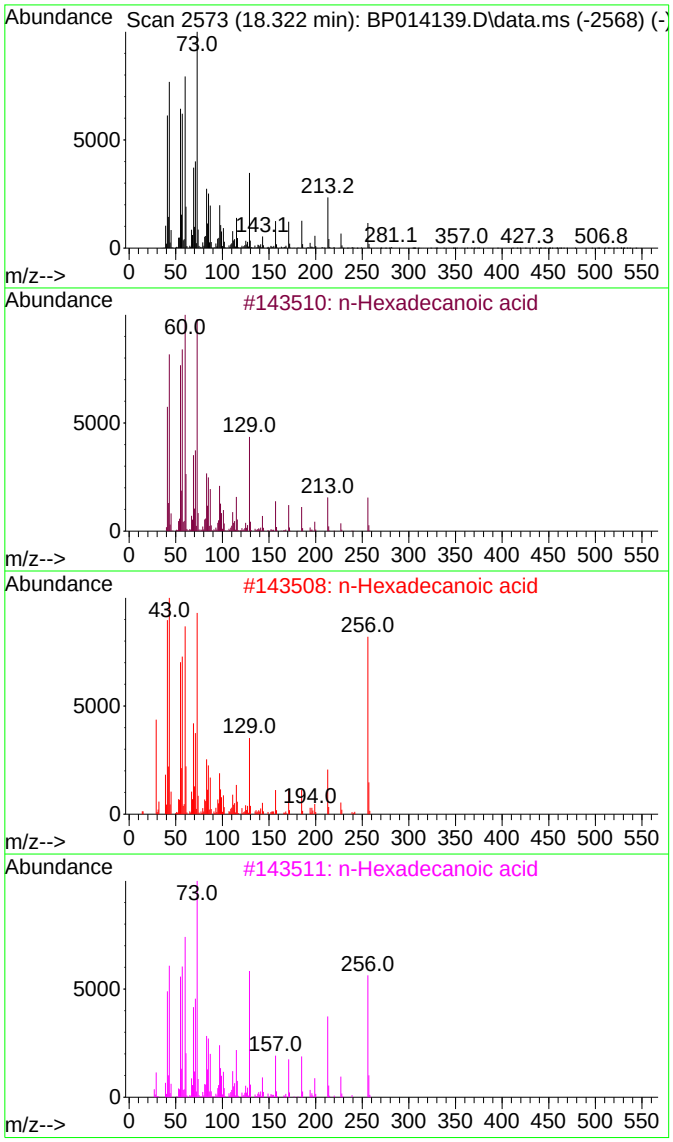
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

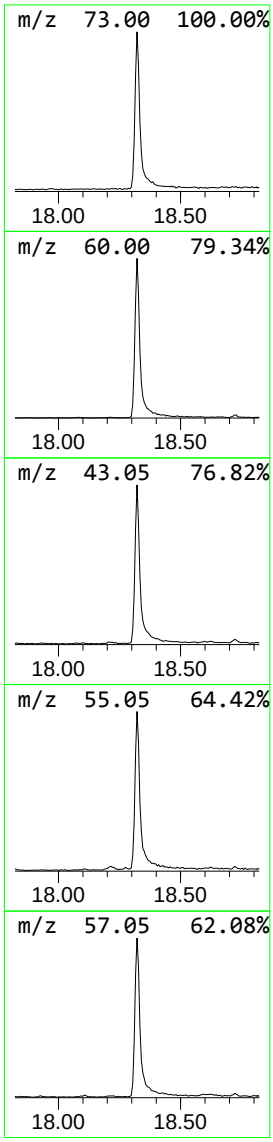
****

Peak Number 2 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.322	12.51 ng/ul	1703500	Phenanthrene-d10	17.463

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	97
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
5	Tridecanoic acid	214	C13H26O2	000638-53-9	92





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032023\
Data File : BP014139.D
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ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCAQ8

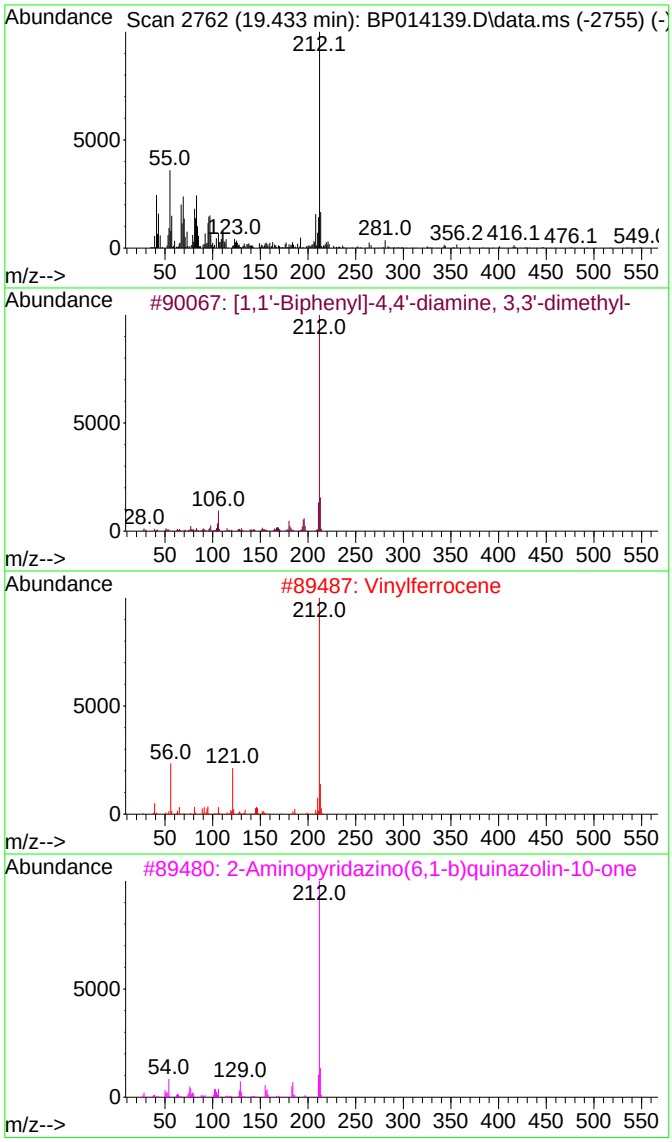
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP030723.M
Quant Title : SVOA CALIBRATION

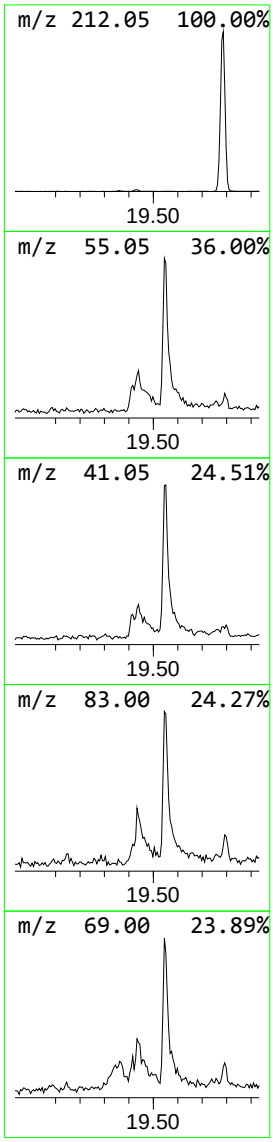
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 [1,1'-Biphenyl]-4,4'-diamin... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.433	2.05 ng/ul	278917	Phenanthrene-d10	17.463

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	[1,1'-Biphenyl]-4,4'-diamine, 3,...	212	C14H16N2	000119-93-7	62
2	Vinylferrocene	212	C12H12Fe	001271-51-8	58
3	2-Aminopyridazino(6,1-b)quinazol...	212	C11H8N4O	001702-99-4	53
4	[1,1'-Biphenyl]-4,4'-diamine, 3,...	212	C14H16N2	000119-93-7	53
5	[1,1'-Biphenyl]-4,4'-diamine, 3,...	212	C14H16N2	000119-93-7	53





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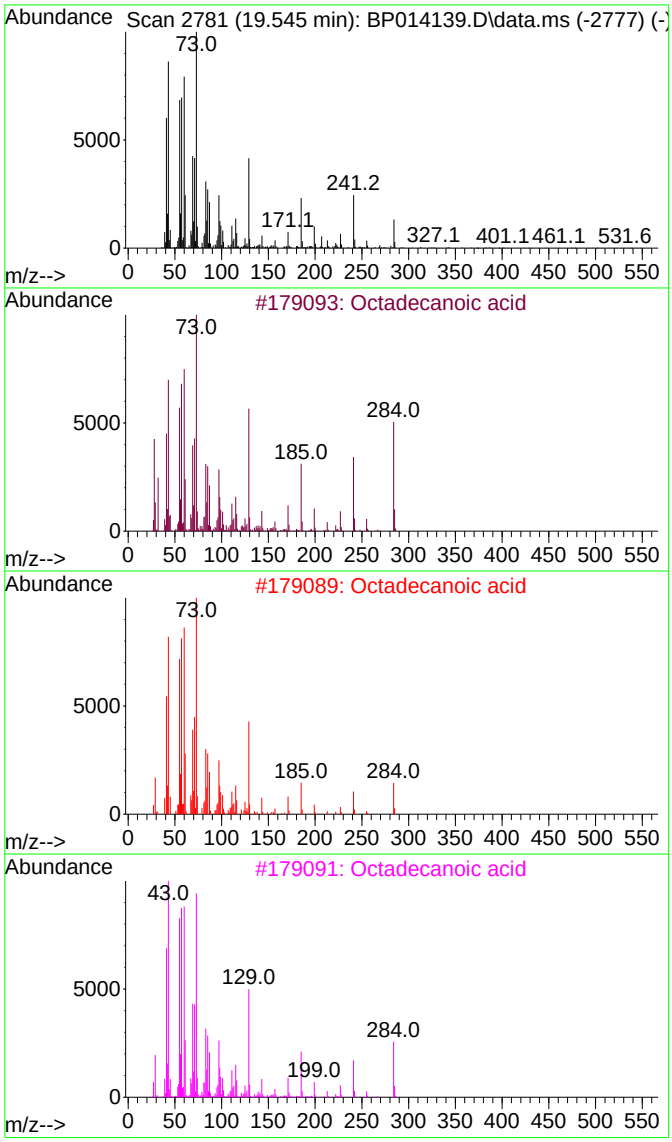
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP030723.M
Quant Title : SVOA CALIBRATION

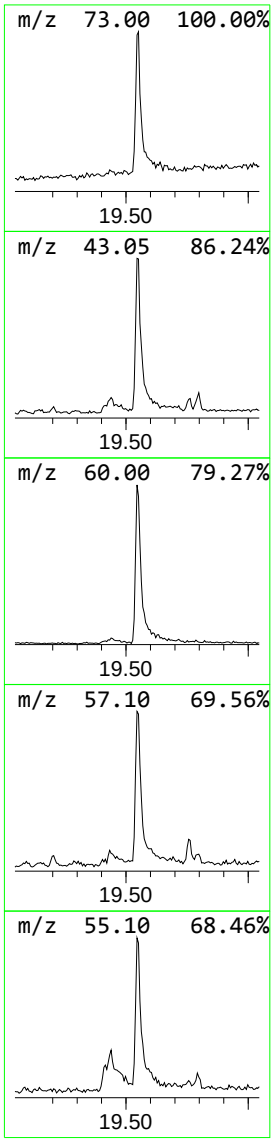
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.545	3.36 ng/ul	549269	Chrysene-d12	21.539

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	99
3	Octadecanoic acid	284	C18H36O2	000057-11-4	99
4	Octadecanoic acid	284	C18H36O2	000057-11-4	95
5	Octadecanoic acid	284	C18H36O2	000057-11-4	93





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Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCAQ8

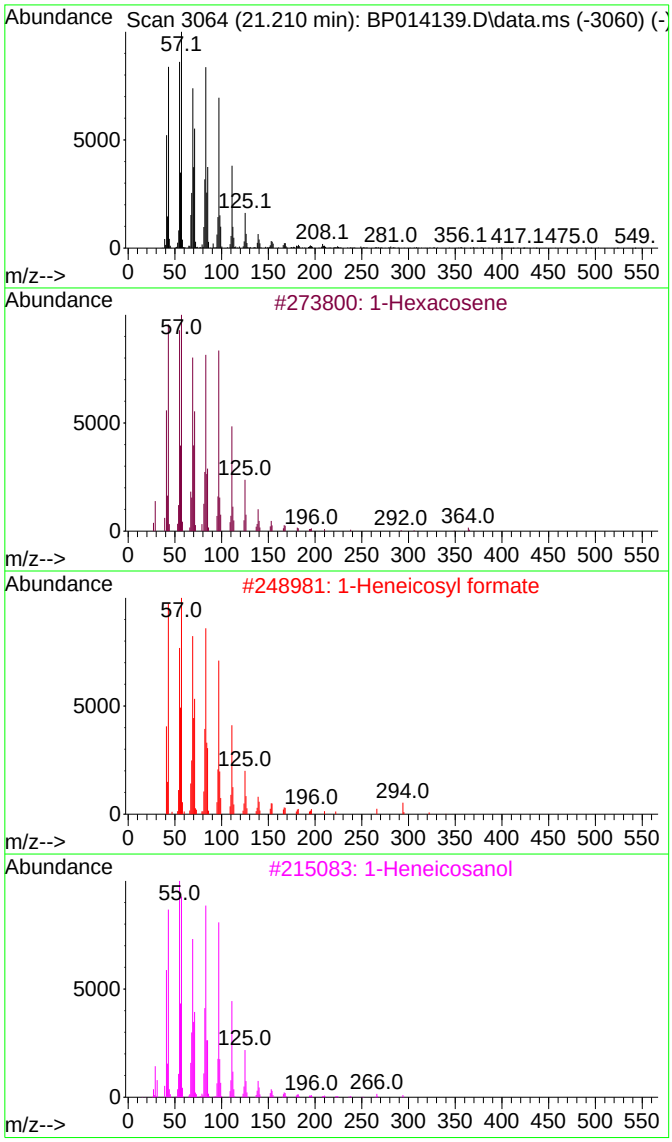
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP030723.M
Quant Title : SVOA CALIBRATION

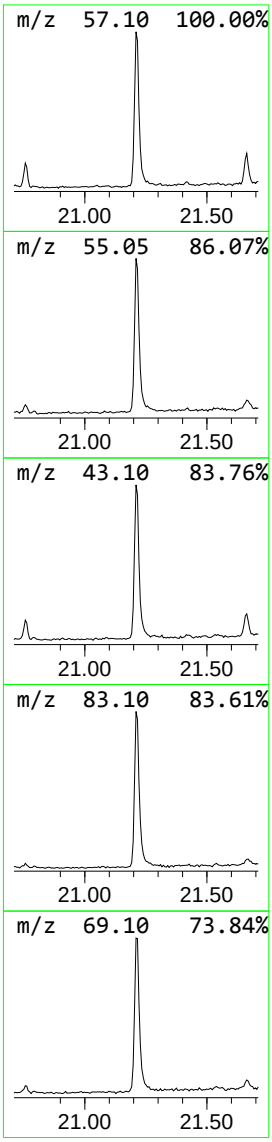
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.210	7.73 ng/ul	1261910	Chrysene-d12	21.539

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexacosene	364	C26H52	018835-33-1	94
2	1-Heneicosyl formate	340	C22H44O2	077899-03-7	94
3	1-Heneicosanol	312	C21H44O	015594-90-8	93
4	Nonadecyl heptafluorobutyrate	480	C23H39F7O2	1000351-83-9	91
5	Nonadecyl trifluoroacetate	380	C21H39F3O2	1000351-76-3	91





Tentatively Identified Compound (LSC) summary

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Instrument :
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ClientSampleId :
DCAQ8

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP030723.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	16.057	6.3	ng/ul	652249	3	14.704	2085590	20.0
n-Hexadecanoic ...	18.322	12.5	ng/ul	1703500	4	17.463	2723140	20.0
[1,1'-Biphenyl]...	19.433	2.0	ng/ul	278917	4	17.463	2723140	20.0
Octadecanoic acid	19.545	3.4	ng/ul	549269	5	21.539	3265990	20.0
(DEL) Alkane: S...	21.210	7.7	ng/ul	1261910	5	21.539	3265990	20.0