LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101624\
Data File : BP022428.D
Acq On : 17 Oct 2024 00:35
Operator : RC/JU
Sample : P4284-14
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : A4EW4

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: BP022428.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.199	33	36	42	rBV	14809	19097	0.61%	0.062%
2	3.617	103	107	120	rBV	154216	255373	8.14%	0.831%
3	3.928	157	160	167	rVB	6772	10058	0.32%	0.033%
4	4.828	307	313	317	rBV4	3649	6014	0.19%	0.020%
5	5.064	350	353	357	rBV5	2207	3209	0.10%	0.010%
6	5.964	501	506	512	rVB9	3753	6861	0.22%	0.022%
7	6.858	647	658	674	rBV	257274	438157	13.97%	1.427%
8	7.011	677	684	693	rVV	190091	296432	9.45%	0.965%
9	7.211	711	718	730	rBV	254889	422765	13.48%	1.376%
10	7.669	789	796	806	rBV	474896	726144	23.15%	2.364%
11	8.369	905	915	928	rBV	338816	569199	18.15%	1.853%
12	8.811	982	990	1000	rBV	245571	419690	13.38%	1.366%
13	8.963	1012	1016	1021	rVB7	3667	6378	0.20%	0.021%
14	9.216	1054	1059	1064	rBV3	10769	15352	0.49%	0.050%
15	9.363	1077	1084	1091	rBV7	6319	12861	0.41%	0.042%
16	9.522	1103	1111	1118	rBV	208183	370609	11.81%	1.207%
17	9.775	1148	1154	1162	rVB	2856	6994	0.22%	0.023%
18	10.052	1190	1201	1211	rBV	349678	635730	20.27%	2.070%
19	10.422	1254	1264	1276	rBV	653448	1025280	32.68%	3.338%
20	10.516	1276	1280	1281	rBV3	3840	4451	0.14%	0.014%
21	10.563	1281	1288	1303	rVB	230775	416715	13.28%	1.357%
22	10.969	1349	1357	1363	rBV	4906	10916	0.35%	0.036%
23	11.222	1395	1400	1406	rBV9	3766	7856	0.25%	0.026%
24	11.693	1476	1480	1489	rVB3	7726	13440	0.43%	0.044%
25	12.010	1526	1534	1542	rVB4	7195	14832	0.47%	0.048%
26	13.099	1715	1719	1722	rVB6	2401	3435	0.11%	0.011%
27	13.234	1739	1742	1748	rVB8	2637	3924	0.13%	0.013%
28	13.687	1813	1819	1829	rBV	774816	1085700	34.61%	3.535%
29	13.975	1857	1868	1878	rBV	758196	1184113	37.75%	3.855%
30	14.287	1913	1921	1927	rBV	1011253	1627372	51.88%	5.298%
31	14.340	1927	1930	1938	rVB10	3657	8195	0.26%	0.027%
32	14.410	1940	1942	1948	rVB5	5950	7297	0.23%	0.024%
33	14.498	1951	1957	1974	rBV	237587	422645	13.47%	1.376%
34	14.663	1982	1985	1988	rBV5	2422	3415	0.11%	0.011%
35	14.710	1989	1993	2002	rVB8	10101	18375	0.59%	0.060%
36	15.093	2054	2058	2064	rBV9	3842	8729	0.28%	0.028%

LSC Area Percent Report

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Sample : P4284-14
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4EW4

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	15.287	2084	2091	2099	rBV	1003164	1629280	51.94%	5.305%
38	15.351	2099	2102	2107	rVV7	7202	11731	0.37%	0.038%
39	15.428	2109	2115	2126	rVV	369928	442511	14.11%	1.441%
40	15.534	2130	2133	2142	rVB9	9804	19845	0.63%	0.065%
41	15.669	2149	2156	2164	rBV	99612	170538	5.44%	0.555%
42	15.863	2186	2189	2197	rVB10	4327	7161	0.23%	0.023%
43	16.040	2215	2219	2224	rVB8	3954	7534	0.24%	0.025%
44	16.234	2248	2252	2254	rBV5	3716	5141	0.16%	0.017%
45	16.292	2259	2262	2266	rVB6	4845	6540	0.21%	0.021%
46	16.481	2289	2294	2297	rBV5	12787	20085	0.64%	0.065%
47	16.740	2333	2338	2345	rBV9	9332	17377	0.55%	0.057%
48	16.834	2351	2354	2355	rBV3	4256	4065	0.13%	0.013%
49	16.892	2361	2364	2368	rVB	8255	11204	0.36%	0.036%
50	17.087	2389	2397	2401	rBV	1289295	2192076	69.88%	7.137%
51	17.128	2401	2404	2408	rVV	162299	222541	7.09%	0.725%
52	17.181	2408	2413	2423	rVB	1417004	1870362	59.62%	6.090%
53	17.263	2423	2427	2428	rBV4	6778	7863	0.25%	0.026%
54	17.510	2465	2469	2474	rVB	21800	27024	0.86%	0.088%
55	17.610	2482	2486	2489	rVB6	5781	9763	0.31%	0.032%
56	17.675	2493	2497	2498	rBV4	6913	8065	0.26%	0.026%
57	17.781	2512	2515	2520	rBV6	4796	8193	0.26%	0.027%
58	17.981	2545	2549	2550	rBV2	16479	18952	0.60%	0.062%
59	18.022	2550	2556	2566	rVV	326243	527177	16.81%	1.716%
60	18.192	2580	2585	2589	rBV3	36563	62565	1.99%	0.204%
61	18.292	2599	2602	2607	rBV7	9190	16653	0.53%	0.054%
62	18.516	2636	2640	2643	rBV3	16695	26758	0.85%	0.087%
63	18.563	2643	2648	2651	rVV3	26658	43746	1.39%	0.142%
64	18.592	2651	2653	2657	rVB4	12217	13164	0.42%	0.043%
65	19.092	2733	2738	2744	rVB5	21920	53412	1.70%	0.174%
66	19.216	2749	2759	2766	rBV	412417	700469	22.33%	2.281%
67	19.345	2776	2781	2791	rBV2	103737	187132	5.97%	0.609%
68	19.557	2811	2817	2821	rBV	1685548	2546776	81.19%	8.292%
69	19.928	2876	2880	2882	rBV3	34257	52158	1.66%	0.170%
70	20.104	2906	2910	2914	rBV	52949	67770	2.16%	0.221%
71	20.210	2926	2928	2932	rVB	39208	43190	1.38%	0.141%
72	21.028	3065	3067	3071	rVB3	51594	54819	1.75%	0.178%
73	21.175	3087	3092	3100	rBV4	307726	636269	20.28%	2.072%
74	21.498	3140	3147	3152	rBV	1887728	3136911	100.00%	10.213%
75	21.545	3152	3155	3165	rVB	219407	350280	11.17%	1.140%
76	22.386	3295	3298	3307	rVB3	192918	371730	11.85%	1.210%

LSC Area Percent Report

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Sample : P4284-14
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4EW4

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-BP100724.MA.M
Title : SVOA CALIBRATION

77	24.521	3653	3661	3669	rBV	907599	2309640	73.63%	7.520%
78	24.745	3692	3699	3710	rVB	888820	2707939	86.33%	8.817%

Sum of corrected areas: 30714022

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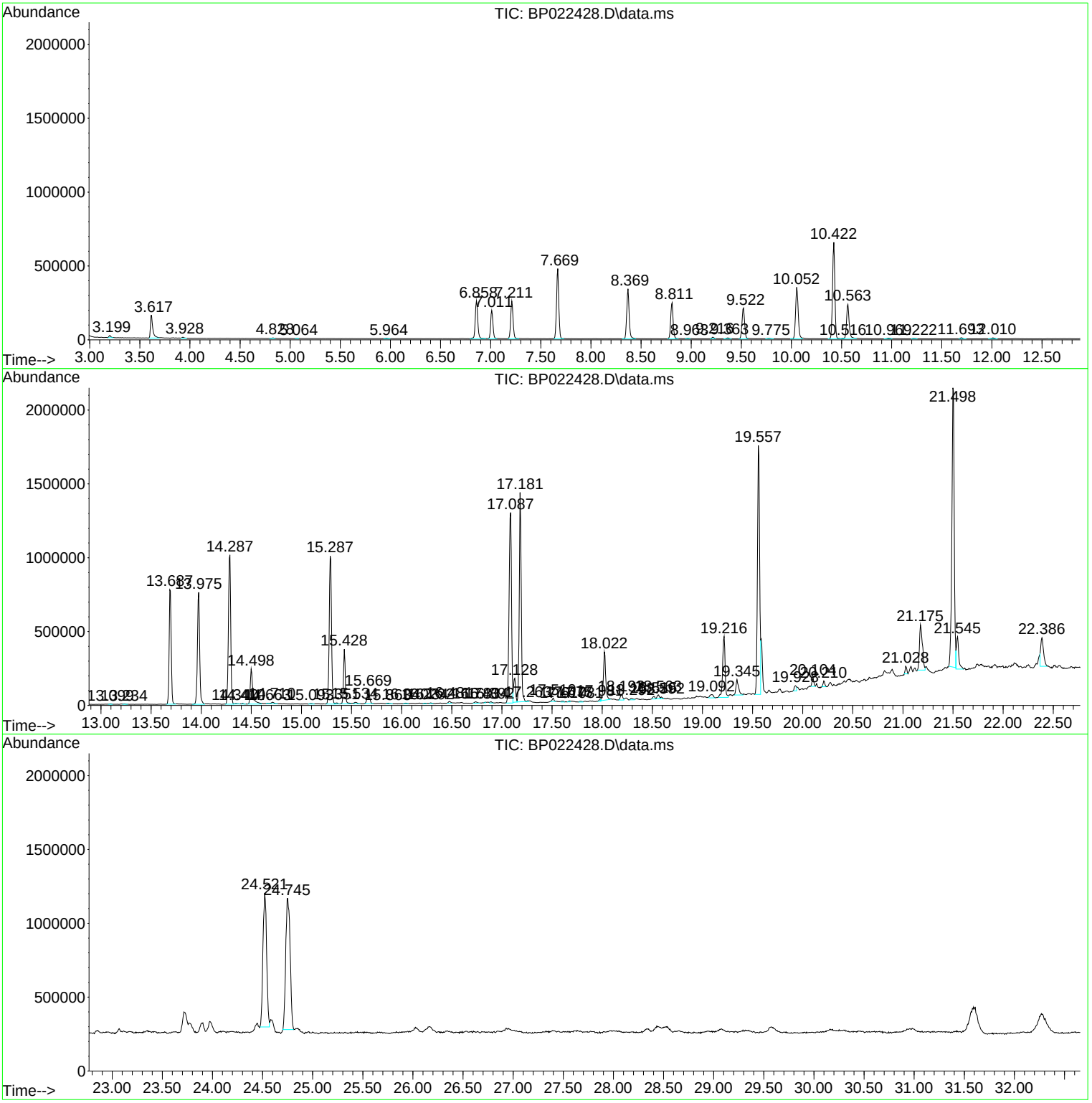
Operator : RC/JU
Sample : P4284-14
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4EW4

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\BP101624\
Data File : BP022428.D
Acq On : 17 Oct 2024 00:35
Operator : RC/JU
Sample : P4284-14
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ALS Vial : 19 Sample Multiplier: 1

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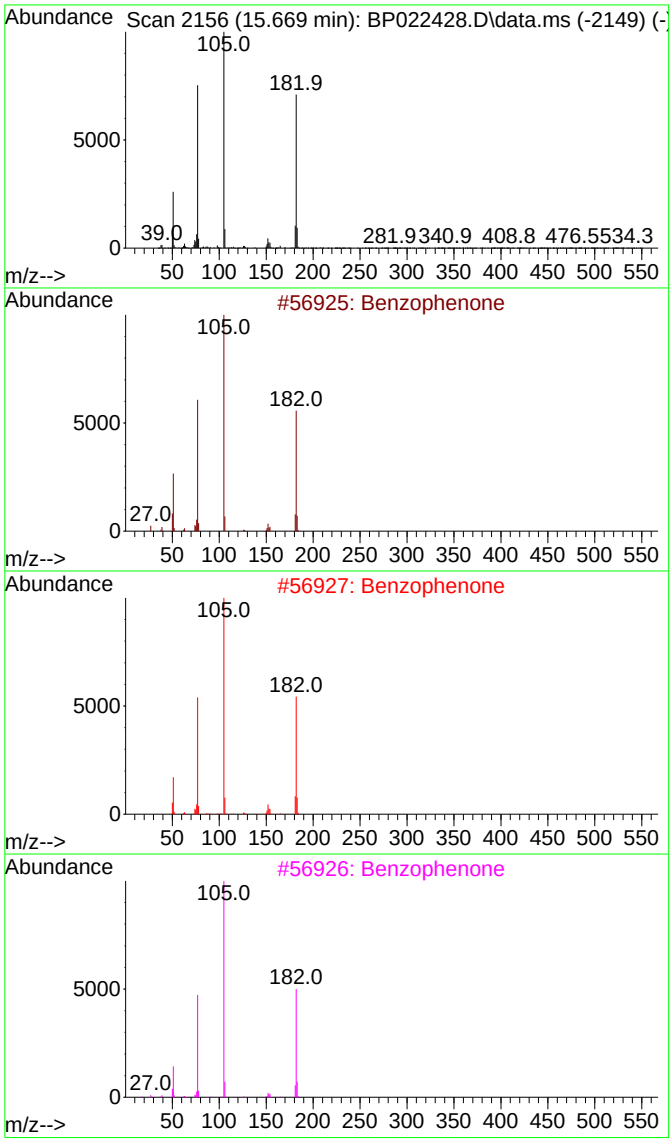
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION

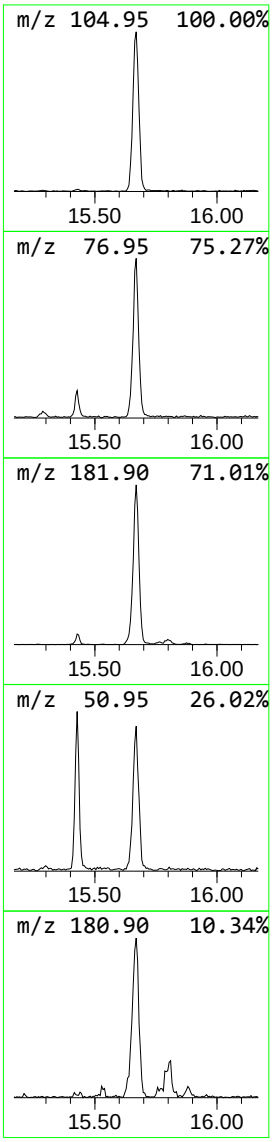
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Benzophenone Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.669	2.10 ng/ul	170538	Acenaphthene-d10	14.287

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	81
4	Benzophenone	182	C13H10O	000119-61-9	80
5	Benzophenone	182	C13H10O	000119-61-9	76





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101624\
Data File : BP022428.D
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Operator : RC/JU
Sample : P4284-14
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4EW4

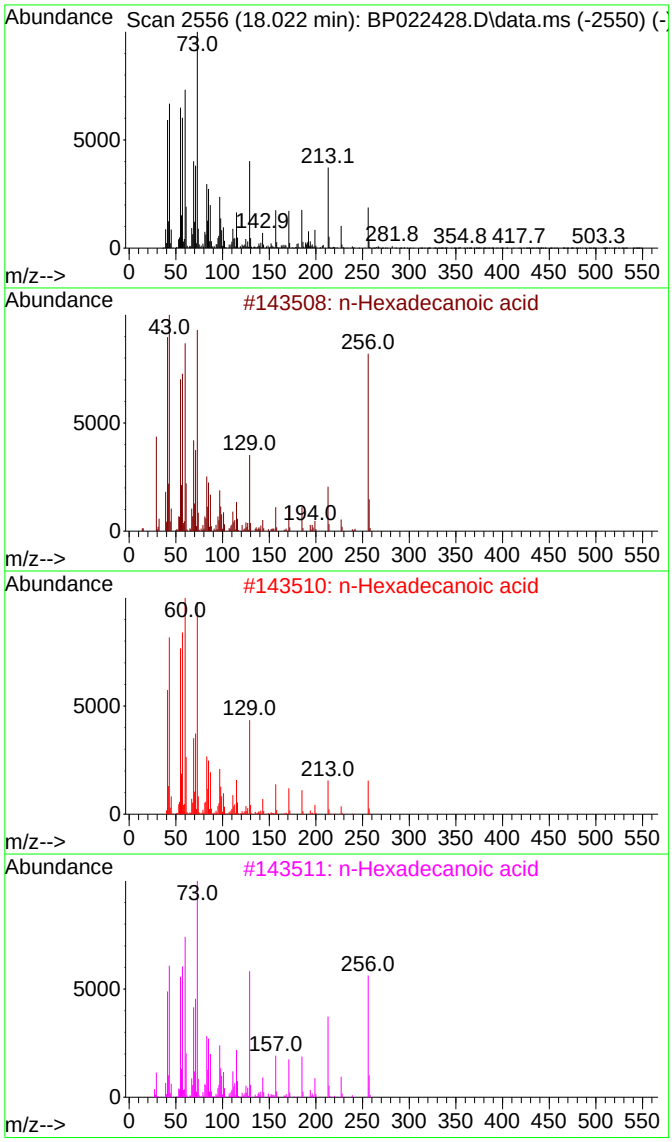
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION

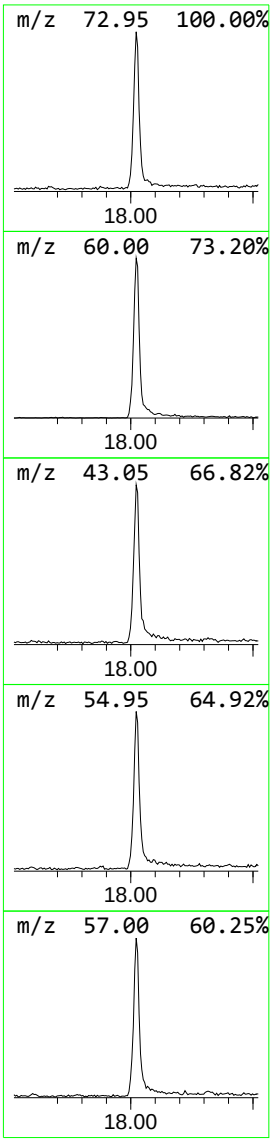
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.022	4.81 ng/ul	527177	Phenanthrene-d10	17.087

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	98
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101624\
Data File : BP022428.D
Acq On : 17 Oct 2024 00:35
Operator : RC/JU
Sample : P4284-14
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4EW4

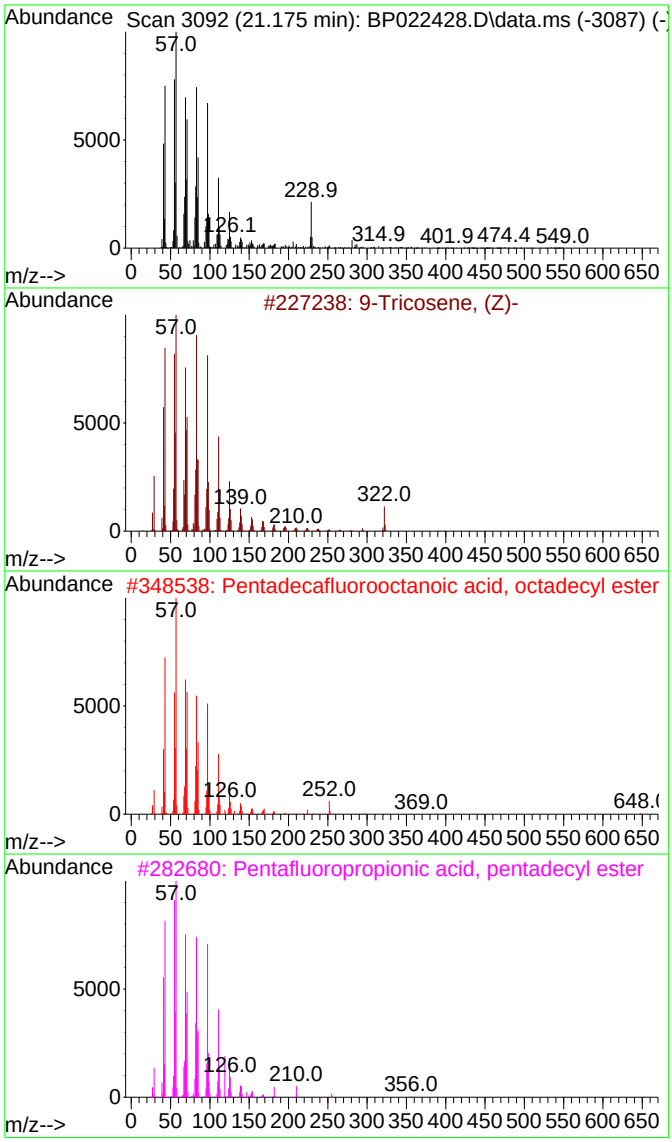
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION

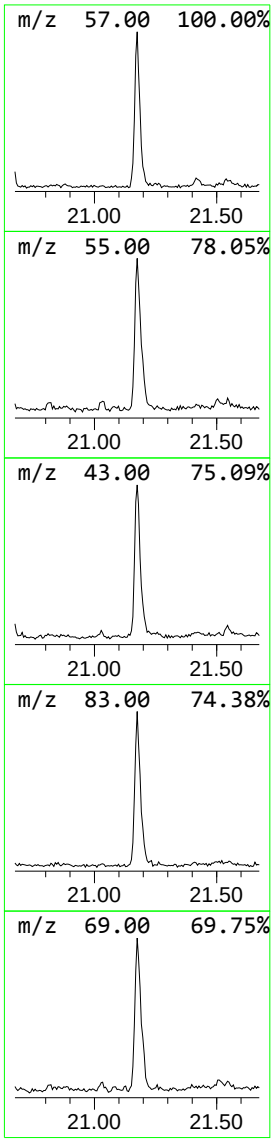
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.175	4.06 ng/ul	636269	Chrysene-d12	21.498

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Tricosene, (Z)-	322	C23H46	027519-02-4	97
2	Pentadecafluorooctanoic acid, oc...	666	C26H37F15O2	1000406-04-8	91
3	Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	89
4	n-Tetracosanol-1	354	C24H50O	000506-51-4	89
5	Nonadecyl pentafluoropropionate	430	C22H39F5O2	1000351-88-8	87





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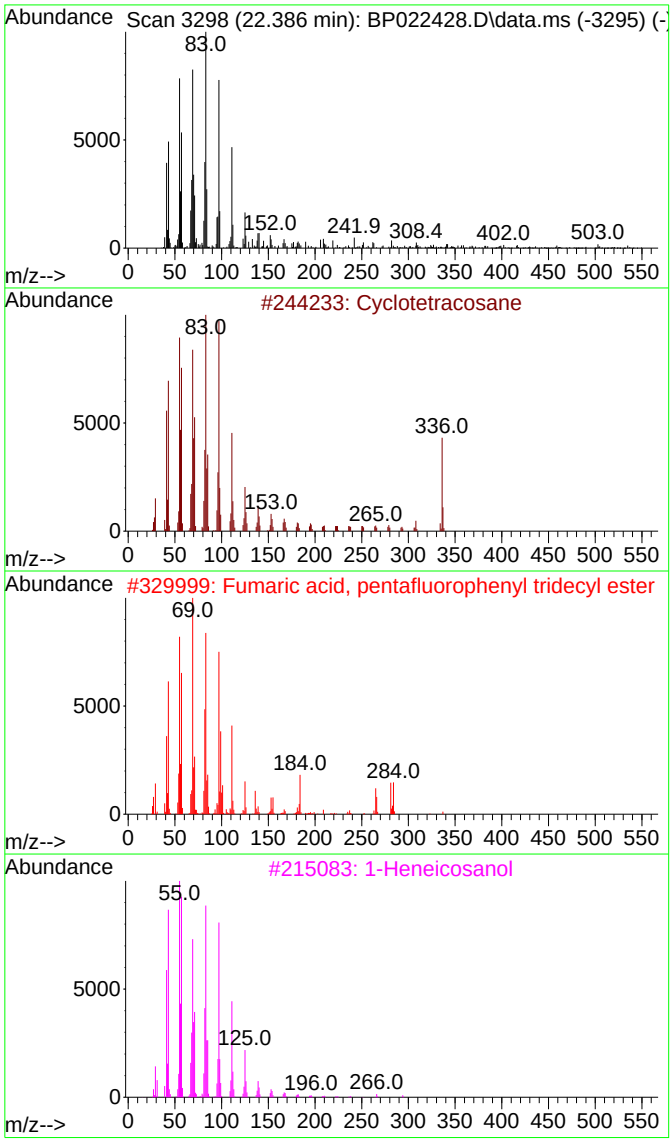
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION

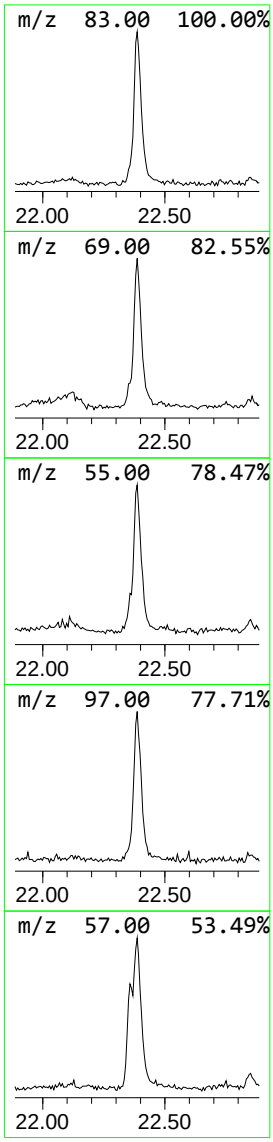
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 (DEL) Alkane: Cyclic22.386 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.386	2.37 ng/ul	371730	Chrysene-d12	21.498

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetracosane	336	C24H48	000297-03-0	91
2	Fumaric acid, pentafluorophenyl ...	464	C23H29F5O4	1000348-10-5	90
3	1-Heneicosanol	312	C21H44O	015594-90-8	90
4	1-Hexadecanol	242	C16H34O	036653-82-4	72
5	Cycloeicosane	280	C20H40	000296-56-0	68





Tentatively Identified Compound (LSC) summary

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Misc :
ALS Vial : 19 Sample Multiplier: 1

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Benzophenone	15.669	2.1	ng/ul	170538	3	14.287	1627370	20.0
n-Hexadecanoic ...	18.022	4.8	ng/ul	527177	4	17.087	2192080	20.0
(DEL) Alkane: S...	21.175	4.1	ng/ul	636269	5	21.498	3136910	20.0
(DEL) Alkane: C...	22.386	2.4	ng/ul	371730	5	21.498	3136910	20.0