LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102124\
Data File : BP022507.D
Acq On : 21 Oct 2024 16:06
Operator : RC/JU
Sample : P4429-08
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : A4FA6

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: BP022507.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	40	rVB2	9290	11571	0.44%	0.042%
2	3.623	103	108	114	rBV2	17707	28202	1.08%	0.104%
3	3.711	119	123	126	rVB2	12835	15774	0.60%	0.058%
4	3.928	156	160	164	rVB	6143	8152	0.31%	0.030%
5	4.828	306	313	319	rBV	5279	9183	0.35%	0.034%
6	6.858	646	658	669	rBV	127644	262654	10.07%	0.965%
7	7.011	677	684	697	rVB	99851	167535	6.42%	0.615%
8	7.211	711	718	727	rBV	136733	225633	8.65%	0.829%
9	7.664	787	795	804	rBV	282825	456752	17.51%	1.677%
10	8.369	905	915	927	rBV2	157971	284446	10.91%	1.045%
11	8.475	927	933	945	rVB	84979	139610	5.35%	0.513%
12	8.805	982	989	998	rBV	128363	220376	8.45%	0.809%
13	9.210	1052	1058	1064	rVB3	8290	12620	0.48%	0.046%
14	9.363	1077	1084	1089	rBV2	13170	22420	0.86%	0.082%
15	9.516	1103	1110	1118	rBV	104331	191360	7.34%	0.703%
16	9.699	1135	1141	1151	rBV	12716	29103	1.12%	0.107%
17	9.875	1164	1171	1176	rBV3	8181	13404	0.51%	0.049%
18	10.058	1193	1202	1219	rBV	171831	325610	12.48%	1.196%
19	10.416	1256	1263	1277	rVB	359666	628687	24.11%	2.309%
20	10.563	1281	1288	1308	rBV2	84516	172555	6.62%	0.634%
21	10.963	1350	1356	1364	rBV8	6583	19016	0.73%	0.070%
22	11.216	1394	1399	1404	rBV7	4560	9975	0.38%	0.037%
23	11.999	1528	1532	1539	rVB4	3834	6052	0.23%	0.022%
24	12.075	1539	1545	1550	rBV6	4278	7358	0.28%	0.027%
25	12.293	1580	1582	1590	rVB3	4365	7128	0.27%	0.026%
26	13.093	1714	1718	1724	rVB6	6642	11294	0.43%	0.041%
27	13.593	1798	1803	1807	rBV6	7724	12537	0.48%	0.046%
28	13.681	1807	1818	1827	rVV	366651	535173	20.52%	1.965%
29	13.969	1859	1867	1877	rBV	406310	595390	22.83%	2.186%
30	14.181	1899	1903	1908	rVB4	6465	9857	0.38%	0.036%
31	14.281	1908	1920	1926	rBV	634221	949275	36.40%	3.486%
32	14.340	1926	1930	1936	rVV2	28733	44358	1.70%	0.163%
33	14.398	1937	1940	1945	rVB3	5986	8840	0.34%	0.032%
34	14.516	1952	1960	1971	rBV2	75739	193848	7.43%	0.712%
35	14.657	1980	1984	1985	rBV3	7222	8826	0.34%	0.032%
36	14.687	1985	1989	1999	rVV2	22696	49956	1.92%	0.183%

LSC Area Percent Report

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Sample : P4429-08
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4FA6

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	15.081	2050	2056	2058	rBV7	4669	8829	0.34%	0.032%
38	15.293	2085	2092	2097	rBV	560764	827585	31.73%	3.039%
39	15.340	2097	2100	2106	rVB	48649	65076	2.50%	0.239%
40	15.416	2108	2113	2119	rBV	145321	205625	7.88%	0.755%
41	15.551	2131	2136	2142	rVB4	17250	28432	1.09%	0.104%
42	15.663	2148	2155	2162	rBV	219398	307341	11.78%	1.129%
43	15.787	2172	2176	2183	rVB3	12574	25819	0.99%	0.095%
44	16.040	2212	2219	2224	rVV9	12325	29565	1.13%	0.109%
45	16.157	2232	2239	2244	rBV9	5615	12989	0.50%	0.048%
46	16.234	2246	2252	2256	rBV2	10508	18333	0.70%	0.067%
47	16.298	2258	2263	2268	rVV3	17194	27539	1.06%	0.101%
48	16.369	2269	2275	2280	rVV5	11700	23718	0.91%	0.087%
49	16.416	2281	2283	2287	rVB3	7532	8402	0.32%	0.031%
50	16.469	2288	2292	2296	rBV7	9180	14421	0.55%	0.053%
51	16.604	2311	2315	2317	rBV5	7088	9934	0.38%	0.036%
52	16.728	2332	2336	2343	rBV2	19825	33735	1.29%	0.124%
53	16.810	2344	2350	2353	rBV5	8794	20320	0.78%	0.075%
54	16.887	2358	2363	2370	rVB	27588	46381	1.78%	0.170%
55	16.992	2377	2381	2387	rVB8	10613	16828	0.65%	0.062%
56	17.081	2390	2396	2400	rBV	931201	1341755	51.45%	4.927%
57	17.122	2400	2403	2407	rVB	599485	712355	27.31%	2.616%
58	17.175	2407	2412	2416	rBV2	640437	946290	36.28%	3.475%
59	17.263	2423	2427	2434	rVB8	11500	25604	0.98%	0.094%
60	17.498	2457	2467	2471	rBV2	57825	102770	3.94%	0.377%
61	17.610	2483	2486	2493	rVB6	14928	20633	0.79%	0.076%
62	17.687	2495	2499	2501	rBV4	18028	27587	1.06%	0.101%
63	17.828	2519	2523	2528	rVB4	9268	17156	0.66%	0.063%
64	17.869	2528	2530	2532	rBV2	7635	7333	0.28%	0.027%
65	17.981	2544	2549	2552	rBV2	53273	82190	3.15%	0.302%
66	18.022	2552	2556	2564	rVV2	477918	680161	26.08%	2.498%
67	18.087	2565	2567	2570	rVB	13673	12511	0.48%	0.046%
68	18.122	2570	2573	2578	rVB	37686	49092	1.88%	0.180%
69	18.186	2578	2584	2588	rBV2	133255	229239	8.79%	0.842%
70	18.398	2618	2620	2621	rBV2	10929	9542	0.37%	0.035%
71	18.504	2635	2638	2642	rVB	47712	56474	2.17%	0.207%
72	18.545	2642	2645	2650	rVB	49191	62436	2.39%	0.229%
73	18.592	2650	2653	2658	rBV	37962	48043	1.84%	0.176%
74	18.769	2679	2683	2688	rBV4	32095	48073	1.84%	0.177%
75	18.822	2688	2692	2693	rBV3	24999	32092	1.23%	0.118%
76	18.934	2708	2711	2716	rBV	34608	47911	1.84%	0.176%

LSC Area Percent Report

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Operator : RC/JU
Sample : P4429-08
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4FA6

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-BP100724.MA.M
Title : SVOA CALIBRATION

77	19.098	2733	2739	2746	rBV5	45911	134081	5.14%	0.492%
78	19.216	2754	2759	2764	rBV	1200804	1596936	61.23%	5.864%
79	19.269	2764	2768	2772	rVB2	224864	272737	10.46%	1.002%
80	19.351	2778	2782	2790	rBV2	255159	381808	14.64%	1.402%
81	19.563	2813	2818	2820	rBV	1144067	1406472	53.93%	5.165%
82	19.586	2820	2822	2827	rVB	719021	893282	34.25%	3.280%
83	19.663	2832	2835	2842	rVB3	47216	80790	3.10%	0.297%
84	19.786	2852	2856	2860	rVB	51312	77780	2.98%	0.286%
85	19.939	2877	2882	2888	rVB4	54980	122763	4.71%	0.451%
86	20.110	2907	2911	2915	rVB	179627	228545	8.76%	0.839%
87	20.216	2926	2929	2933	rVB	149395	181037	6.94%	0.665%
88	20.275	2937	2939	2944	rVB2	89092	101115	3.88%	0.371%
89	21.086	3073	3077	3081	rVB	150627	178774	6.85%	0.656%
90	21.186	3091	3094	3101	rVB6	173504	344677	13.22%	1.266%
91	21.328	3114	3118	3124	rBV	348947	500966	19.21%	1.840%
92	21.428	3132	3135	3138	rVB	108455	115045	4.41%	0.422%
93	21.510	3140	3149	3153	rVV3	1143010	2608044	100.00%	9.577%
94	21.551	3153	3156	3167	rVB	478654	797779	30.59%	2.930%
95	22.369	3291	3295	3305	rVB4	242139	503857	19.32%	1.850%
96	22.569	3325	3329	3337	rVB2	322589	612833	23.50%	2.250%
97	23.745	3522	3529	3536	rBV	313514	943133	36.16%	3.463%
98	23.904	3551	3556	3565	rVB2	348739	769283	29.50%	2.825%
99	24.551	3660	3666	3673	rVB	295694	675434	25.90%	2.480%
100	24.769	3695	3703	3712	rVB	655550	1720126	65.95%	6.317%

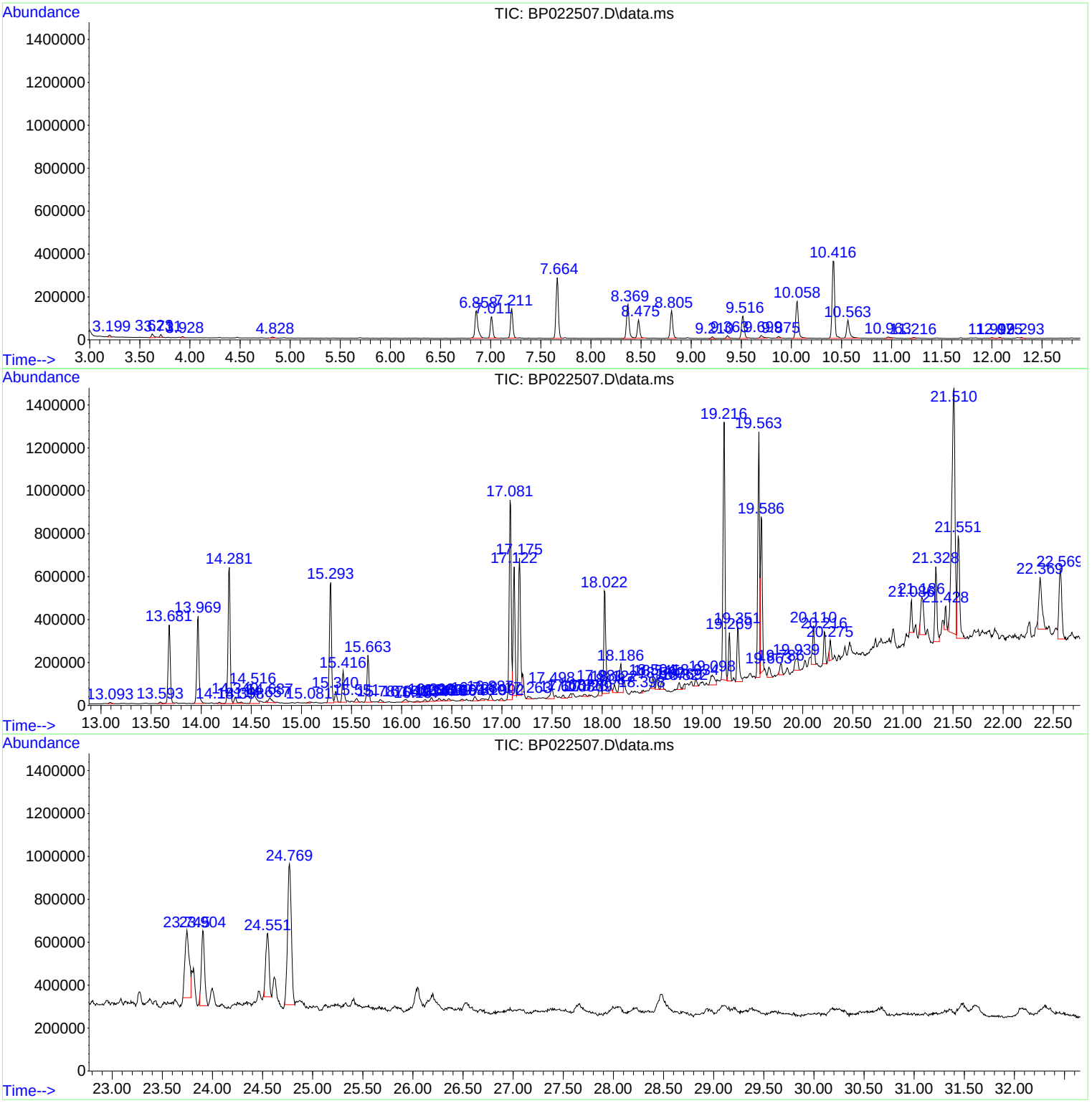
Sum of corrected areas: 27231946

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102124\
Data File : BP022507.D
Acq On : 21 Oct 2024 16:06
Operator : RC/JU
Sample : P4429-08
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4FA6

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\BP102124\
Data File : BP022507.D
Acq On : 21 Oct 2024 16:06
Operator : RC/JU
Sample : P4429-08
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4FA6

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

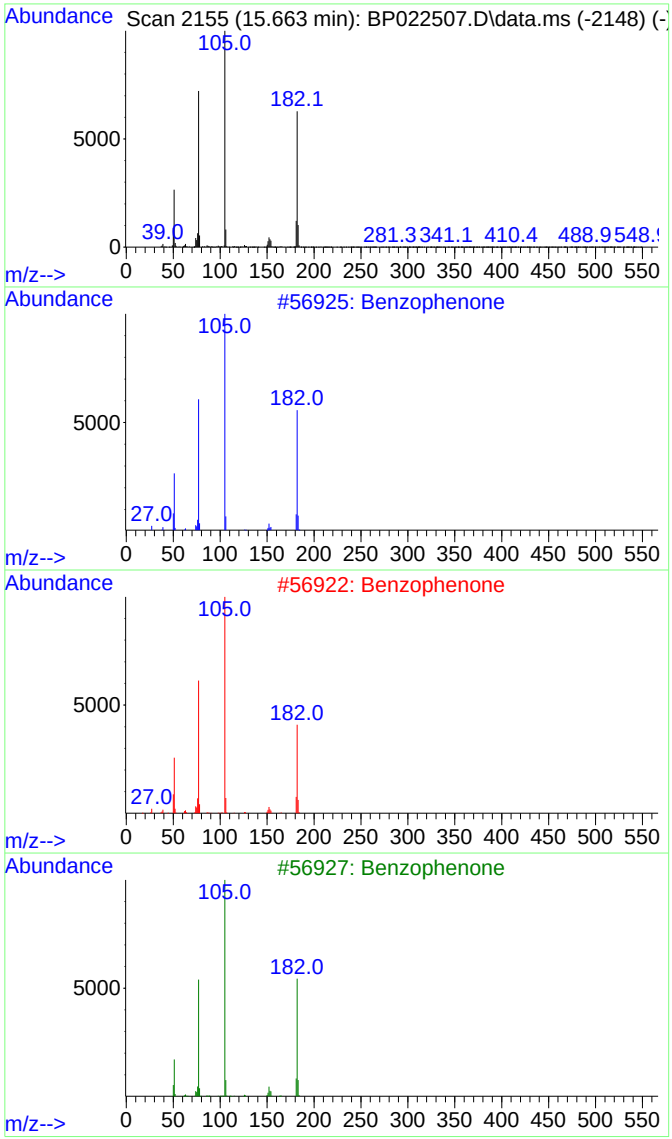
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

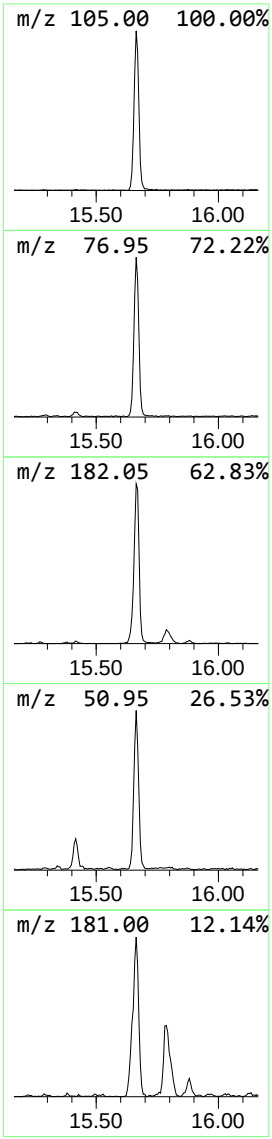
****

Peak Number 1 Benzophenone Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.663	6.48 ng/ul	307341	Acenaphthene-d10	14.281

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	95
4	Benzophenone	182	C13H10O	000119-61-9	94
5	Benzophenone	182	C13H10O	000119-61-9	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102124\
Data File : BP022507.D
Acq On : 21 Oct 2024 16:06
Operator : RC/JU
Sample : P4429-08
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4FA6

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

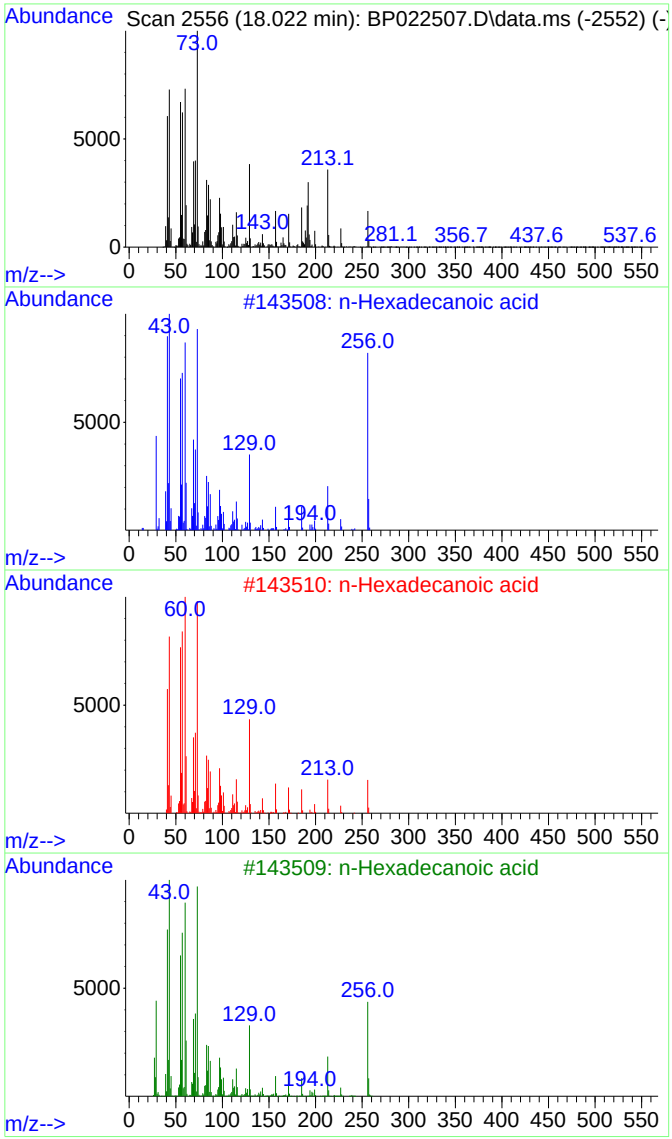
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

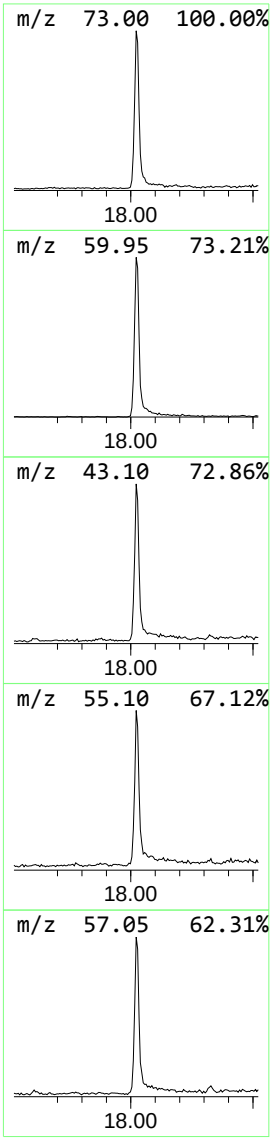
****

Peak Number 2 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.022	10.14 ng/ul	680161	Phenanthrene-d10	17.081

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	96
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	86





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102124\
Data File : BP022507.D
Acq On : 21 Oct 2024 16:06
Operator : RC/JU
Sample : P4429-08
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4FA6

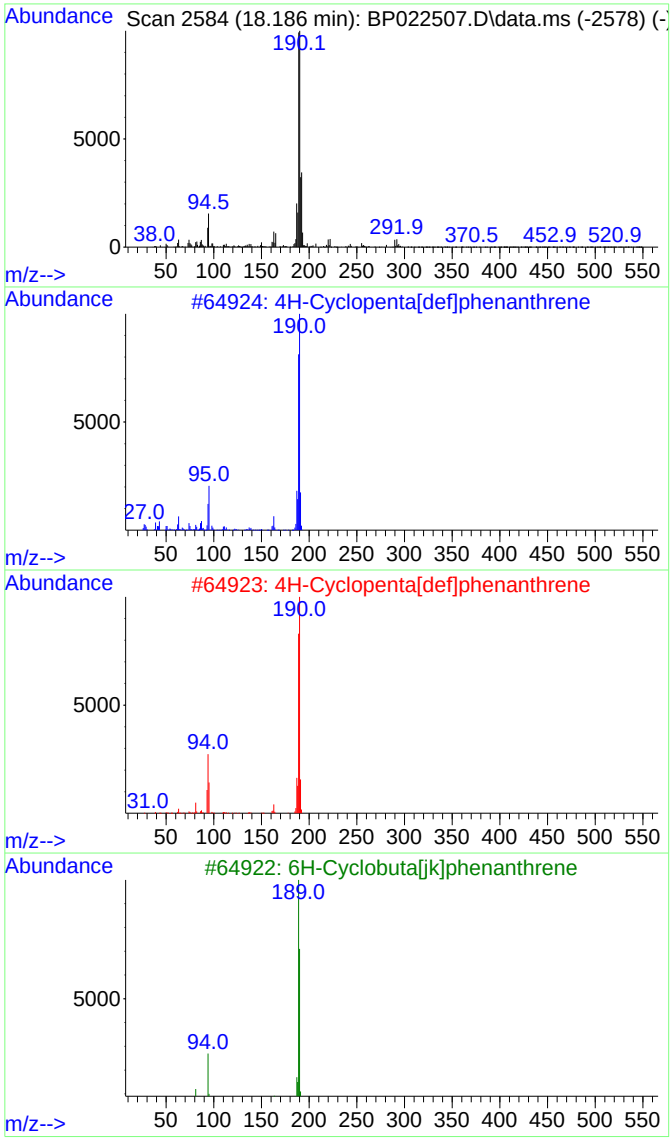
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION

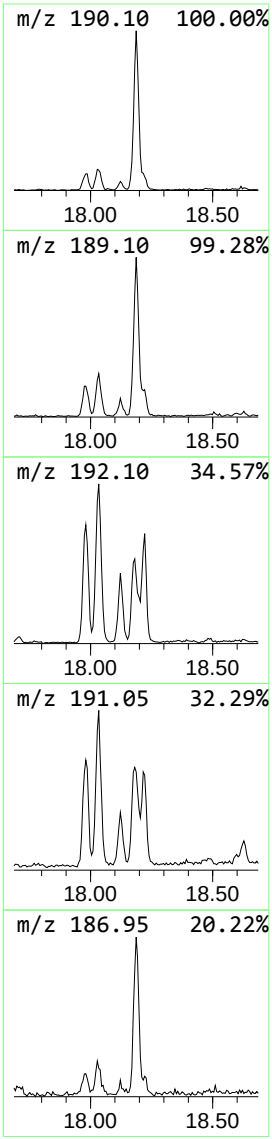
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 4H-Cyclopenta[def]phenanthrene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.186	3.42 ng/ul	229239	Phenanthrene-d10	17.081

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	86
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	81
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	64
4	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	52
5	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	49





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102124\
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Acq On : 21 Oct 2024 16:06
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ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4FA6

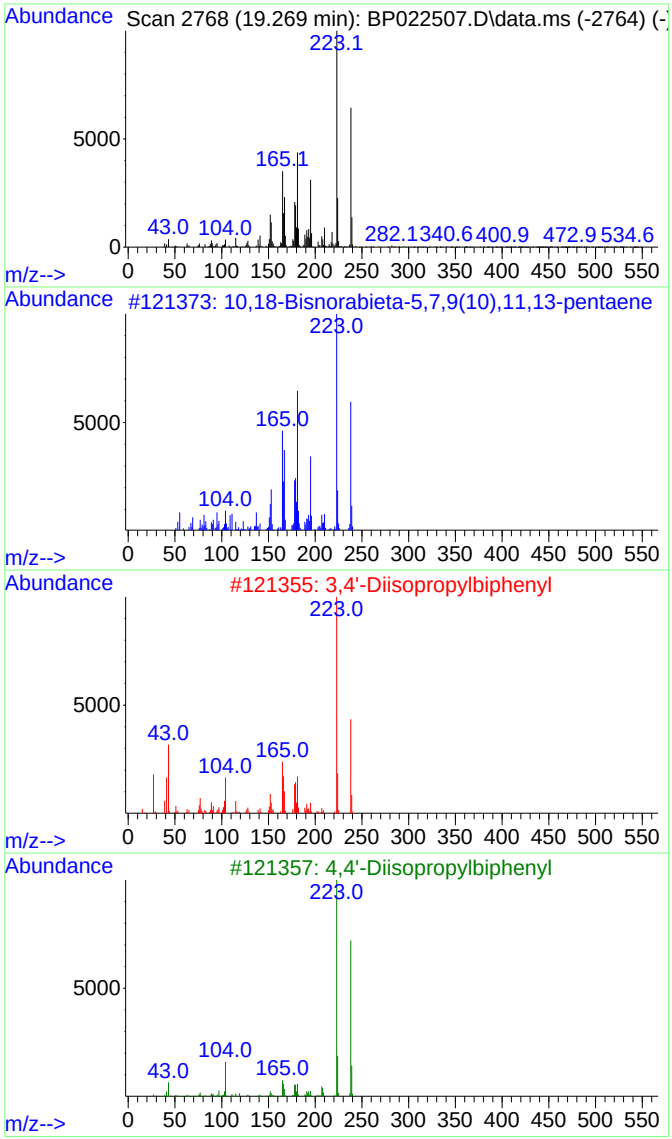
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION

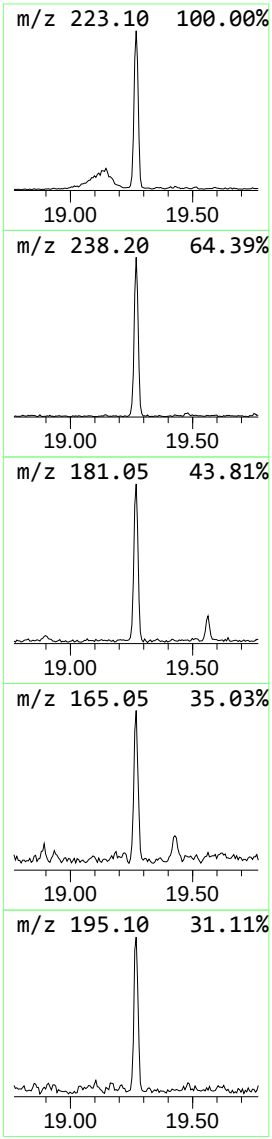
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 10,18-Bisnorabieta-5,7,9(10... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.269	4.07 ng/ul	272737	Phenanthrene-d10	17.081

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	10,18-Bisnorabieta-5,7,9(10),11,...	238	C18H22	006566-19-4	99
2	3,4'-Diisopropylbiphenyl	238	C18H22	061434-46-6	70
3	4,4'-Diisopropylbiphenyl	238	C18H22	018970-30-4	60
4	cyclopropanone, 2-(4-methoxyphen...	238	C16H14O2	1000401-16-2	49
5	N-(4-Ethylphenyl)-1,3-benzoxazol...	238	C15H14N2O	770710-42-4	46





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102124\
Data File : BP022507.D
Acq On : 21 Oct 2024 16:06
Operator : RC/JU
Sample : P4429-08
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4FA6

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

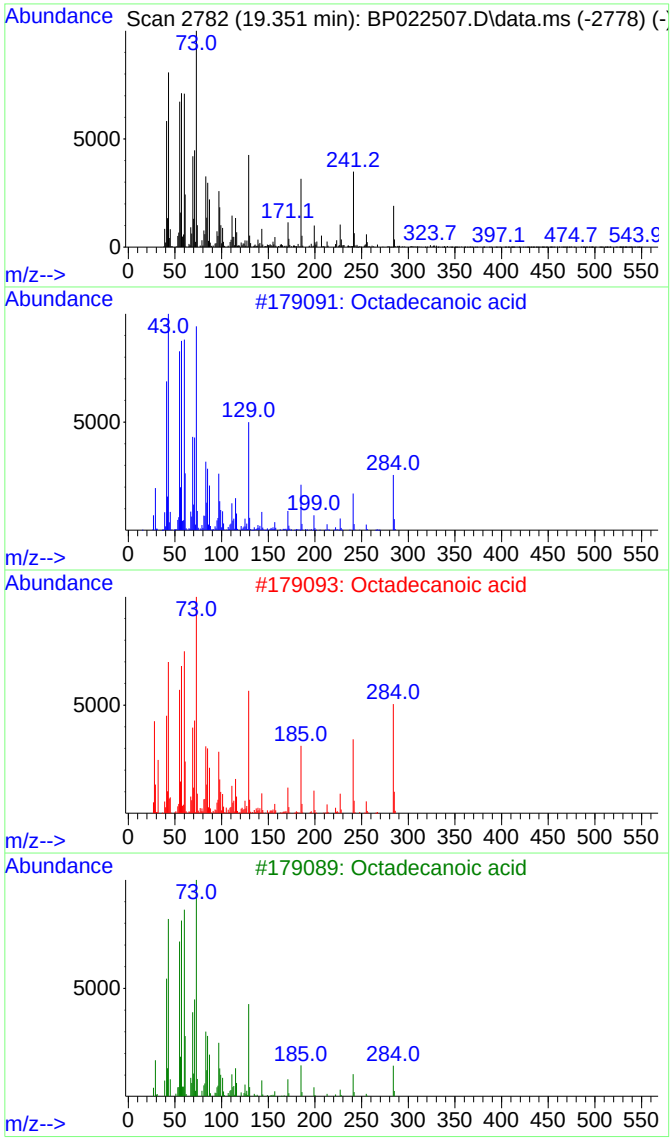
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

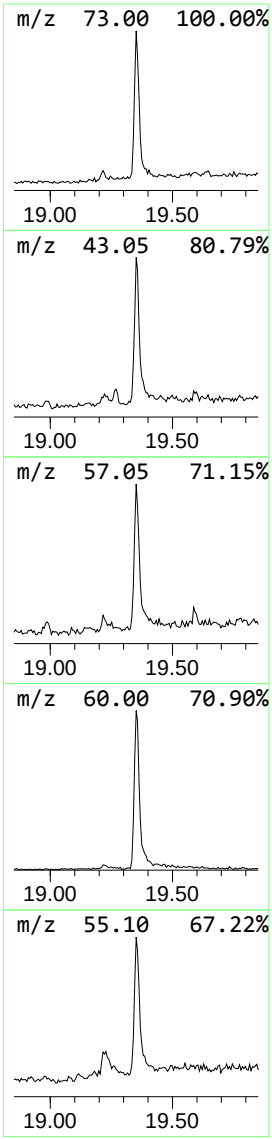
****

Peak Number 5 Octadecanoic acid Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.351	2.93 ng/ul	381808	Chrysene-d12	21.510

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	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	86
5	Octadecanoic acid, 2-hydroxy-1,3...	625	C39H76O5	000504-40-5	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102124\
Data File : BP022507.D
Acq On : 21 Oct 2024 16:06
Operator : RC/JU
Sample : P4429-08
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4FA6

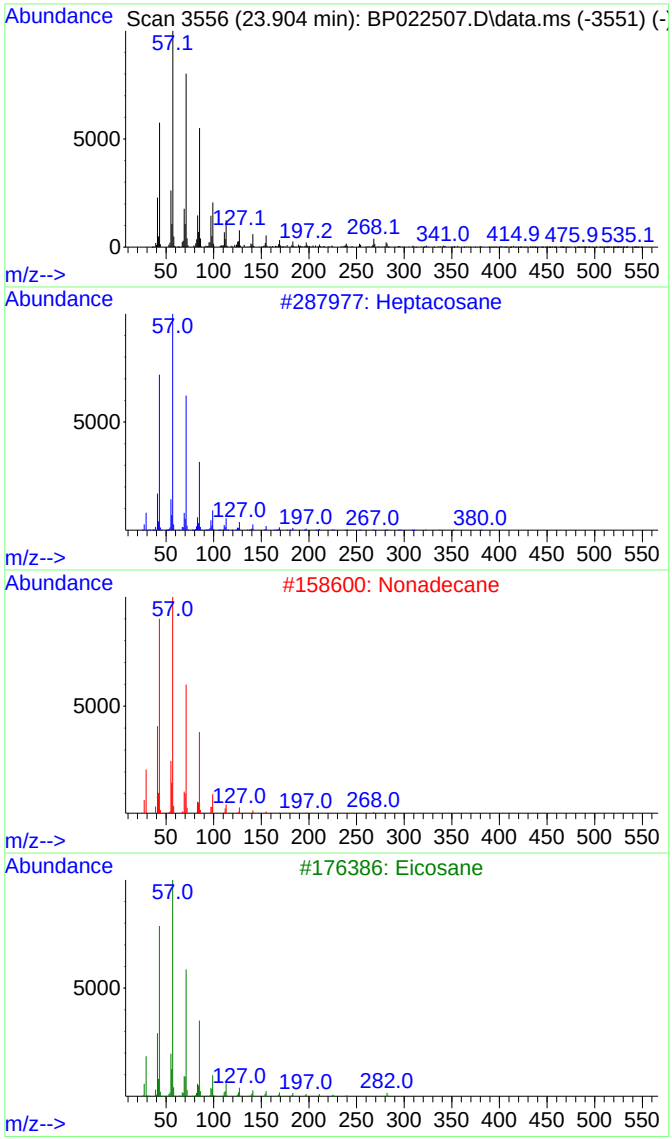
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION

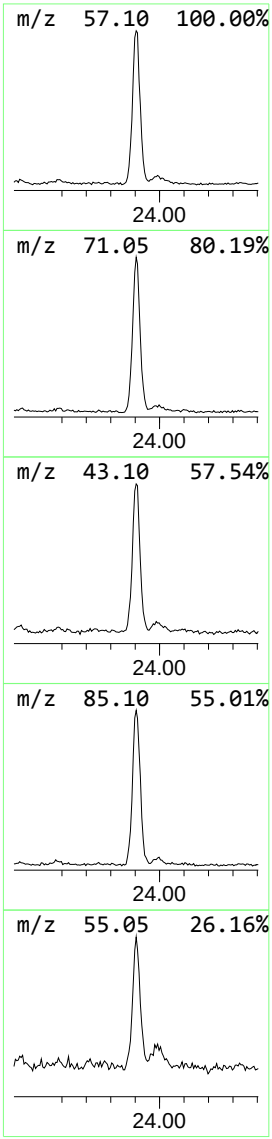
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.904	8.94 ng/ul	769283	Perylene-d12	24.769

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	99
2	Nonadecane	268	C19H40	000629-92-5	95
3	Eicosane	282	C20H42	000112-95-8	94
4	Eicosane	282	C20H42	000112-95-8	93
5	Nonadecane	268	C19H40	000629-92-5	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102124\
Data File : BP022507.D
Acq On : 21 Oct 2024 16:06
Operator : RC/JU
Sample : P4429-08
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4FA6

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	15.663	6.5	ng/ul	307341	3	14.281	949275	20.0
n-Hexadecanoic ...	18.022	10.1	ng/ul	680161	4	17.081	1341760	20.0
4H-Cyclopenta[d...	18.186	3.4	ng/ul	229239	4	17.081	1341760	20.0
10,18-Bisnorabi...	19.269	4.1	ng/ul	272737	4	17.081	1341760	20.0
Octadecanoic acid	19.351	2.9	ng/ul	381808	5	21.510	2608040	20.0
(DEL) Alkane: S...	23.904	8.9	ng/ul	769283	6	24.769	1720130	20.0