LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121624\
Data File : BP023433.D
Acq On : 16 Dec 2024 13:06
Operator : RC/JU
Sample : P5155-23
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : E28W6

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-BP112624.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BP023433.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.104	16	20	24	rBV	14944	21460	1.06%	0.085%
2	3.534	90	93	103	rBV	37750	74900	3.70%	0.297%
3	4.051	179	181	184	rVB4	4428	4681	0.23%	0.019%
4	4.081	184	186	188	rBV3	2829	2313	0.11%	0.009%
5	4.187	201	204	211	rVB9	3369	6851	0.34%	0.027%
6	4.251	211	215	219	rBV7	2763	5494	0.27%	0.022%
7	4.593	270	273	279	rVB8	3458	5535	0.27%	0.022%
8	4.734	290	297	303	rVB3	13269	31713	1.57%	0.126%
9	5.004	338	343	344	rBV5	2527	3153	0.16%	0.013%
10	5.581	438	441	445	rBV6	2394	3884	0.19%	0.015%
11	5.651	450	453	456	rVB5	1878	2291	0.11%	0.009%
12	6.122	527	533	537	rBV8	2097	4244	0.21%	0.017%
13	6.640	617	621	622	rBV3	1533	2300	0.11%	0.009%
14	6.675	624	627	632	rVV7	2434	3674	0.18%	0.015%
15	6.751	632	640	657	rVV	239259	559722	27.67%	2.219%
16	6.887	657	663	678	rVB	248502	385806	19.07%	1.530%
17	7.087	691	697	706	rBV	301352	504846	24.96%	2.001%
18	7.245	720	724	726	rBV5	1834	2191	0.11%	0.009%
19	7.363	737	744	747	rBV8	1887	4469	0.22%	0.018%
20	7.534	765	773	785	rBV	405632	660691	32.66%	2.619%
21	8.257	887	896	907	rBV	280362	564336	27.90%	2.237%
22	8.357	907	913	921	rVB	116933	206040	10.19%	0.817%
23	8.681	961	968	979	rBV	273402	519742	25.70%	2.061%
24	8.828	991	993	999	rVB7	2921	5118	0.25%	0.020%
25	9.057	1027	1032	1037	rVB6	6609	9817	0.49%	0.039%
26	9.245	1059	1064	1069	rBV5	8302	14136	0.70%	0.056%
27	9.386	1080	1088	1103	rBV	248792	467489	23.11%	1.853%
28	9.522	1109	1111	1118	rVB7	1821	2481	0.12%	0.010%
29	9.645	1124	1132	1142	rBV3	15436	57318	2.83%	0.227%
30	9.757	1146	1151	1162	rVB3	11449	30778	1.52%	0.122%
31	9.939	1175	1182	1202	rBV	304662	714006	35.30%	2.831%
32	10.175	1220	1222	1227	rVB6	2298	2302	0.11%	0.009%
33	10.275	1230	1239	1248	rBV	524568	907295	44.86%	3.597%
34	10.439	1261	1267	1281	rBV	160983	389527	19.26%	1.544%
35	10.863	1332	1339	1347	rBV	6241	15893	0.79%	0.063%
36	11.128	1378	1384	1385	rBV6	3977	5584	0.28%	0.022%

LSC Area Percent Report

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Acq On : 16 Dec 2024 13:06
Operator : RC/JU
Sample : P5155-23
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E28W6

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-BP112624.MA.M
Title : SVOA CALIBRATION

37	11.522	1445	1451	1455	rBV8	2032	4752	0.23%	0.019%
38	11.639	1464	1471	1476	rBV4	9794	22021	1.09%	0.087%
39	11.692	1476	1480	1481	rVV4	2092	3071	0.15%	0.012%
40	11.786	1493	1496	1499	rBV5	2712	3476	0.17%	0.014%
41	11.863	1505	1509	1516	rVB3	6093	11786	0.58%	0.047%
42	12.128	1551	1554	1557	rBV4	2356	3053	0.15%	0.012%
43	12.245	1571	1574	1576	rVB4	2374	2617	0.13%	0.010%
44	12.269	1576	1578	1580	rBV3	2062	2441	0.12%	0.010%
45	12.410	1596	1602	1604	rBV6	2436	3036	0.15%	0.012%
46	12.545	1621	1625	1630	rBV8	3136	6040	0.30%	0.024%
47	12.645	1640	1642	1646	rVB5	2356	2607	0.13%	0.010%
48	12.728	1653	1656	1658	rBV4	2911	2847	0.14%	0.011%
49	12.892	1680	1684	1687	rBV6	2226	3927	0.19%	0.016%
50	12.951	1689	1694	1697	rVV6	5611	8466	0.42%	0.034%
51	13.098	1715	1719	1720	rBV4	3640	3993	0.20%	0.016%
52	13.286	1748	1751	1752	rBV3	2720	2327	0.12%	0.009%
53	13.545	1788	1795	1810	rBV	666742	1143944	56.55%	4.535%
54	13.663	1811	1815	1817	rBV5	4144	6189	0.31%	0.025%
55	13.780	1832	1835	1836	rBV3	3691	3666	0.18%	0.015%
56	13.822	1836	1842	1855	rVV	914771	1373176	67.89%	5.444%
57	13.951	1862	1864	1868	rVB5	10381	12618	0.62%	0.050%
58	14.033	1874	1878	1883	rBV6	10124	19984	0.99%	0.079%
59	14.086	1883	1887	1889	rVV4	8556	11577	0.57%	0.046%
60	14.133	1889	1895	1904	rVB	900481	1336491	66.07%	5.299%
61	14.351	1930	1932	1935	rBV4	2897	3441	0.17%	0.014%
62	14.386	1935	1938	1940	rBV4	3878	6014	0.30%	0.024%
63	14.451	1943	1949	1964	rVV	115029	360543	17.82%	1.429%
64	14.580	1968	1971	1975	rVV5	11398	16994	0.84%	0.067%
65	14.922	2025	2029	2032	rBV4	14717	21204	1.05%	0.084%
66	15.151	2062	2068	2077	rBV	1201304	1740606	86.05%	6.901%
67	15.316	2091	2096	2108	rBV2	158507	348713	17.24%	1.382%
68	15.527	2128	2132	2138	rVB	187661	228956	11.32%	0.908%
69	16.951	2368	2374	2384	rBV2	1135752	1729046	85.48%	6.855%
70	17.045	2385	2390	2399	rVB2	1164997	1845249	91.23%	7.316%
71	17.680	2495	2498	2506	rVB	138822	193894	9.59%	0.769%
72	17.886	2529	2533	2543	rBV	623893	1110363	54.89%	4.402%
73	19.233	2757	2762	2769	rVB2	391388	669840	33.12%	2.656%
74	19.445	2793	2798	2804	rVB	1249955	1716882	84.88%	6.807%
75	19.509	2806	2809	2815	rVB	248909	412255	20.38%	1.634%
76	21.380	3123	3127	3131	rBV	1038430	1585103	78.36%	6.284%

LSC Area Percent Report

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Acq On : 16 Dec 2024 13:06
Operator : RC/JU
Sample : P5155-23
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E28W6

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-BP112624.MA.M
Title : SVOA CALIBRATION

77	24.345	3626	3631	3636	rVB	557416	1015725	50.22%	4.027%
78	24.562	3662	3668	3676	rVB2	696659	2022728	100.00%	8.019%

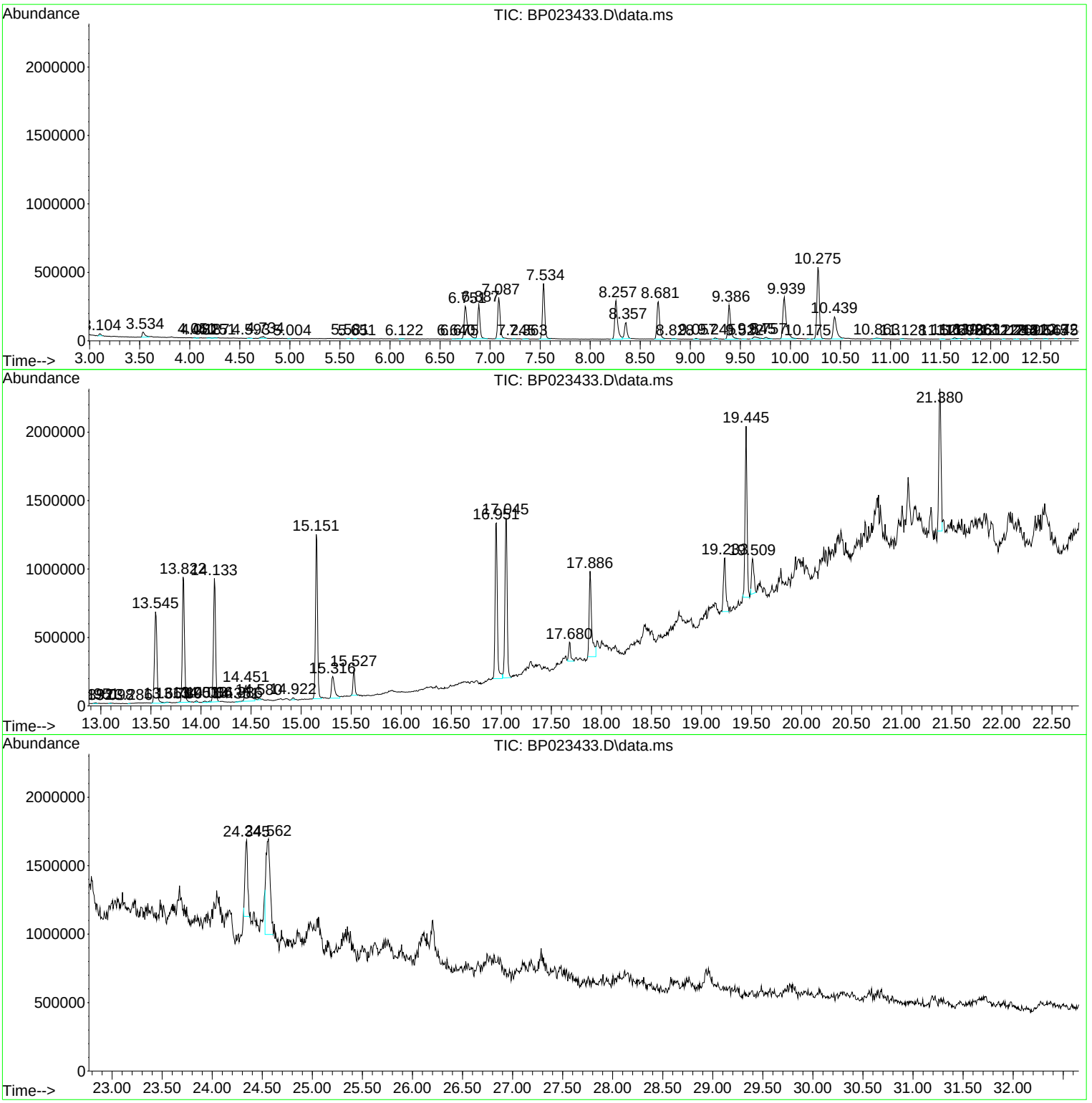
Sum of corrected areas: 25223741

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121624\
Data File : BP023433.D
Acq On : 16 Dec 2024 13:06
Operator : RC/JU
Sample : P5155-23
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E28W6

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112624.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\BP121624\
Data File : BP023433.D
Acq On : 16 Dec 2024 13:06
Operator : RC/JU
Sample : P5155-23
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E28W6

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112624.MA.M
Quant Title : SVOA CALIBRATION

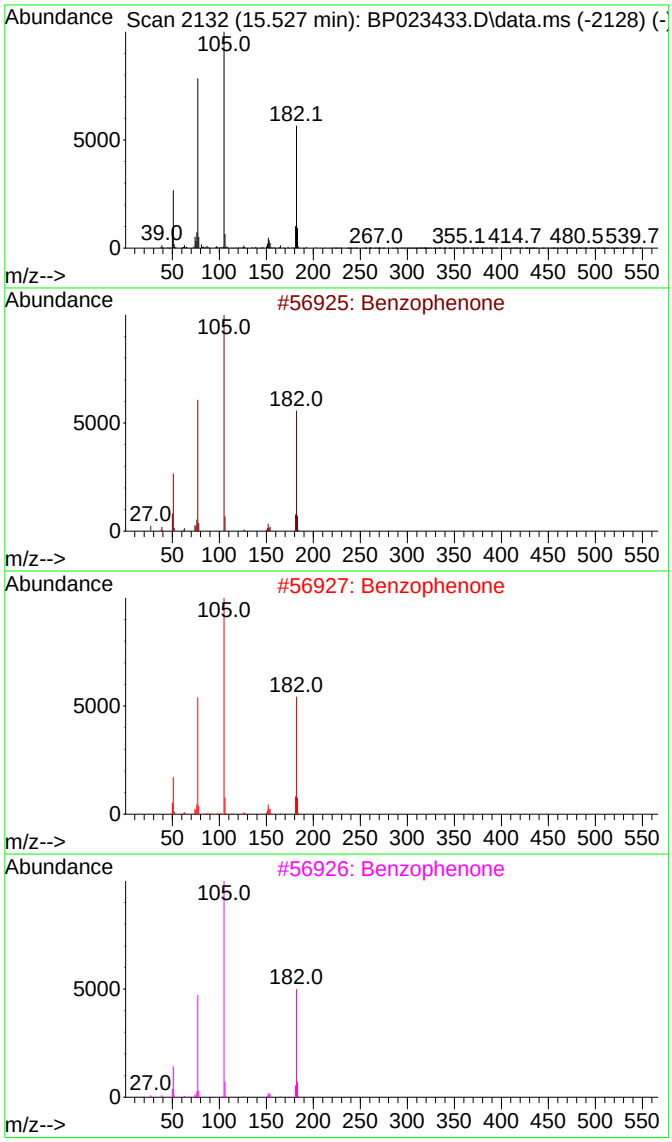
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

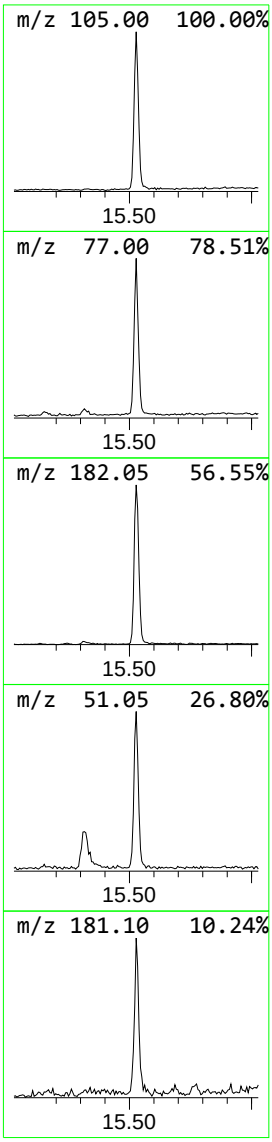
****

Peak Number 1 Benzophenone Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.527	3.43 ng/ul	228956	Acenaphthene-d10	14.133

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	91
4	1,2,4-Trioxolane, 3,3,5-triphenyl-	304	C20H16O3	023246-12-0	83
5	Benzophenone	182	C13H10O	000119-61-9	76





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121624\
Data File : BP023433.D
Acq On : 16 Dec 2024 13:06
Operator : RC/JU
Sample : P5155-23
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E28W6

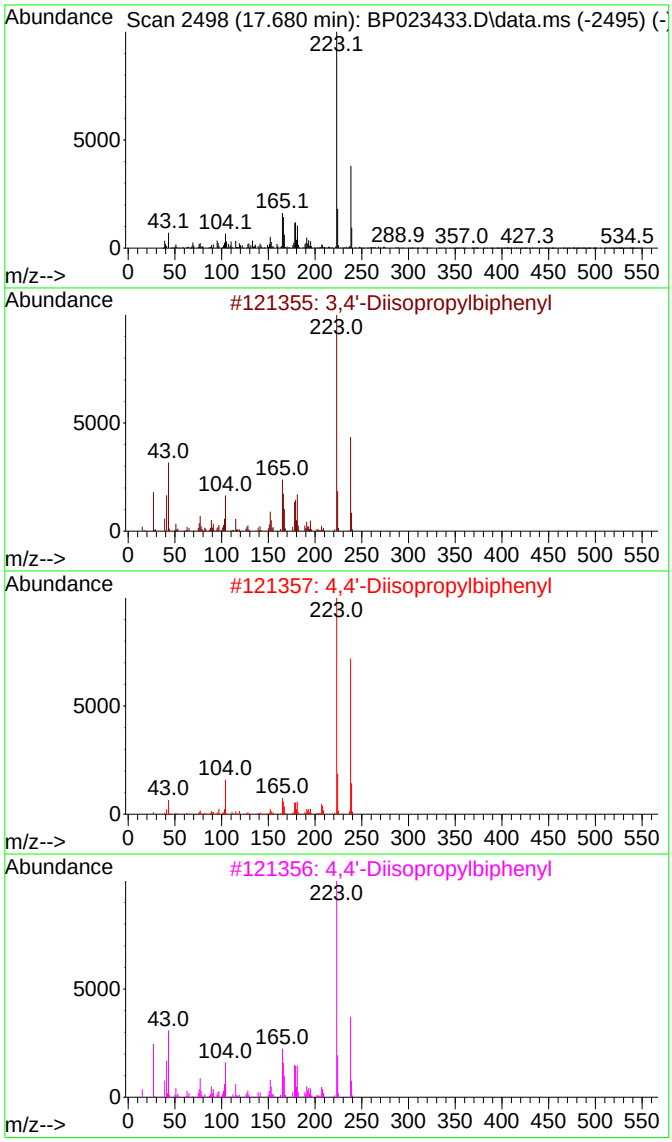
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112624.MA.M
Quant Title : SVOA CALIBRATION

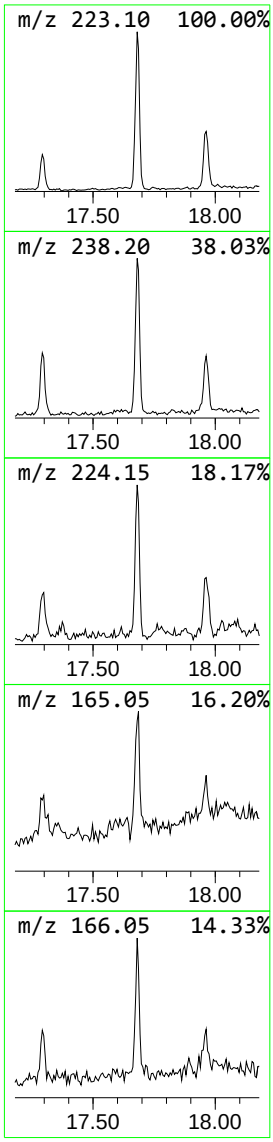
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 3,4'-Diisopropylbiphenyl Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.680	2.24 ng/ul	193894	Phenanthrene-d10	16.951

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,4'-Diisopropylbiphenyl	238	C18H22	061434-46-6	98
2	4,4'-Diisopropylbiphenyl	238	C18H22	018970-30-4	94
3	4,4'-Diisopropylbiphenyl	238	C18H22	018970-30-4	94
4	Benzene, 1,1'-ethylidenebis[4-et...	238	C18H22	010224-91-6	80
5	1,3-Diethyl-5-(1-phenylethyl)ben...	238	C18H22	1000482-32-6	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121624\
Data File : BP023433.D
Acq On : 16 Dec 2024 13:06
Operator : RC/JU
Sample : P5155-23
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E28W6

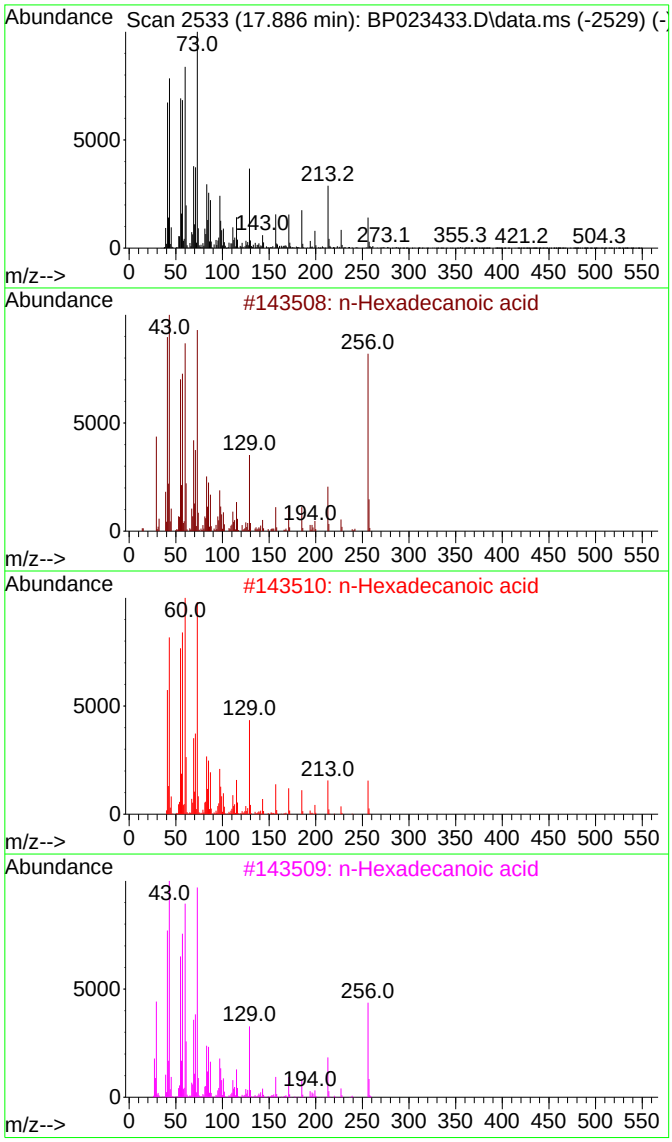
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112624.MA.M
Quant Title : SVOA CALIBRATION

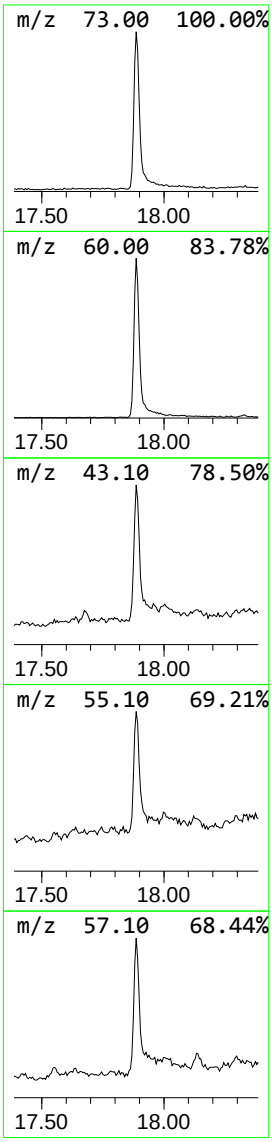
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.886	12.84 ng/ul	1110360	Phenanthrene-d10	16.951

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	98
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
5	Tridecanoic acid	214	C13H26O2	000638-53-9	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121624\
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Acq On : 16 Dec 2024 13:06
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Sample : P5155-23
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E28W6

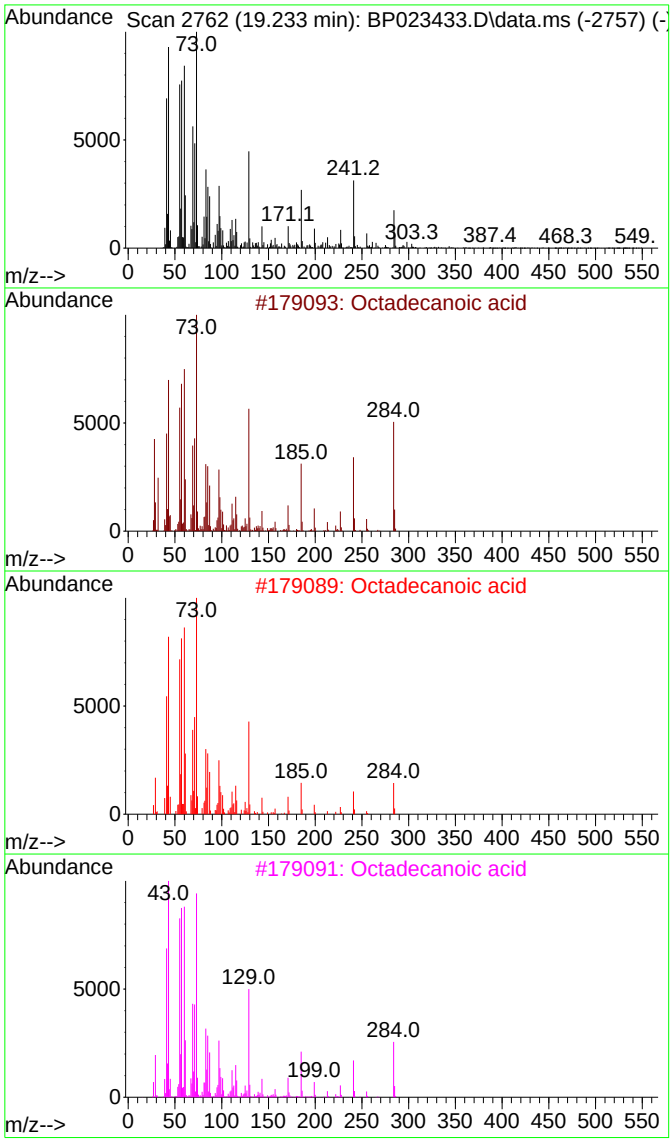
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112624.MA.M
Quant Title : SVOA CALIBRATION

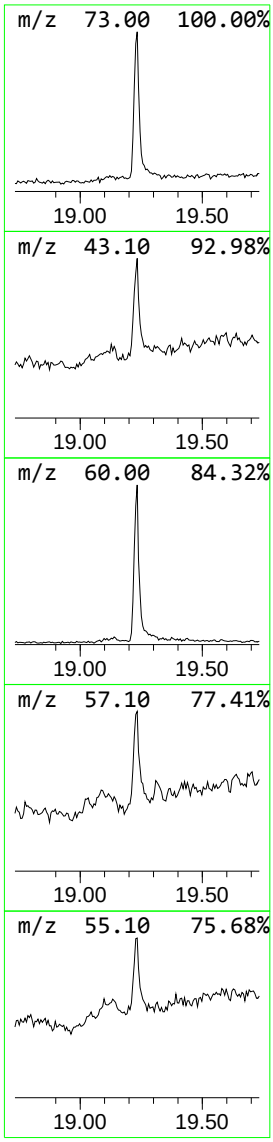
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Octadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.233	8.45 ng/ul	669840	Chrysene-d12	21.380

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	99
5	Octadecanoic acid	284	C18H36O2	000057-11-4	96





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Data File : BP023433.D
Acq On : 16 Dec 2024 13:06
Operator : RC/JU
Sample : P5155-23
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E28W6

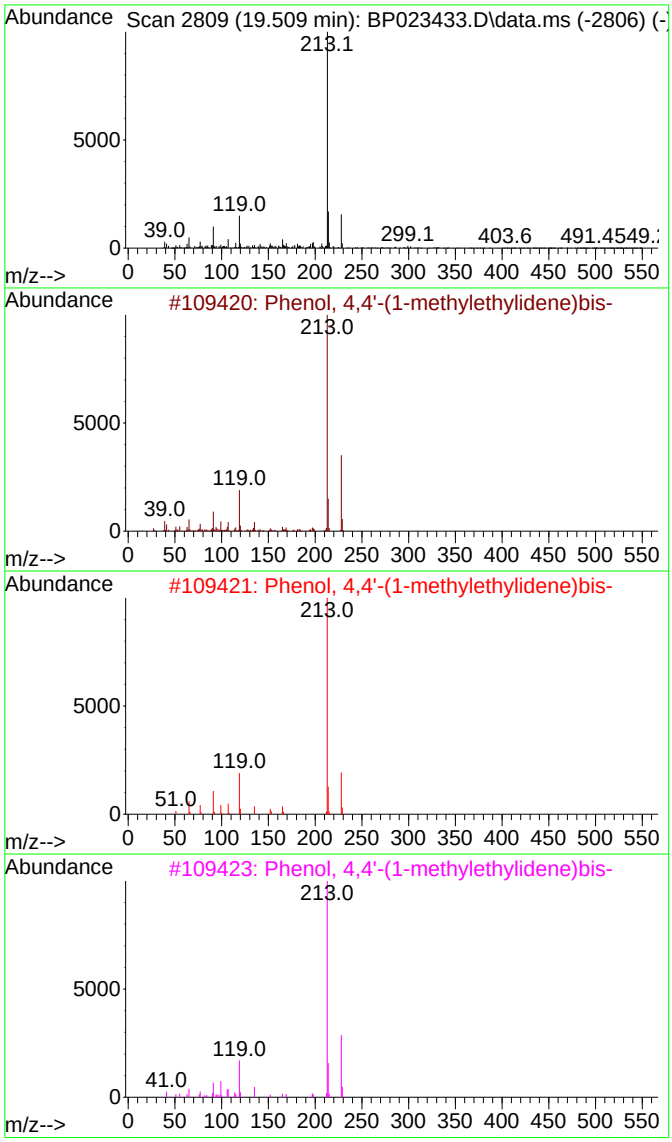
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112624.MA.M
Quant Title : SVOA CALIBRATION

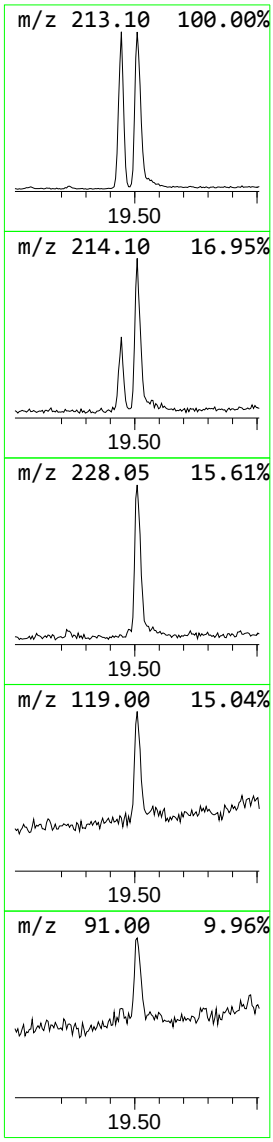
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Phenol, 4,4'-(1-methylethyl... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.509	5.20 ng/ul	412255	Chrysene-d12	21.380

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4,4'-(1-methylethylidene...	228	C15H16O2	000080-05-7	87
2	Phenol, 4,4'-(1-methylethylidene...	228	C15H16O2	000080-05-7	83
3	Phenol, 4,4'-(1-methylethylidene...	228	C15H16O2	000080-05-7	83
4	4,4'-(1,3-Dimethylbutylidene)bis...	270	C18H22O2	006807-17-6	64
5	3-Cyano-4-ethyl-6-methylcoumarin	213	C13H11NO2	025937-11-5	53





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121624\
Data File : BP023433.D
Acq On : 16 Dec 2024 13:06
Operator : RC/JU
Sample : P5155-23
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E28W6

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112624.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	15.527	3.4	ng/ul	228956	3	14.133	1336490	20.0
3,4'-Diisopropy...	17.680	2.2	ng/ul	193894	4	16.951	1729050	20.0
n-Hexadecanoic ...	17.886	12.8	ng/ul	1110360	4	16.951	1729050	20.0
Octadecanoic acid	19.233	8.4	ng/ul	669840	5	21.380	1585100	20.0
Phenol, 4,4'-(1...	19.509	5.2	ng/ul	412255	5	21.380	1585100	20.0