LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102124\
Data File : BP022521.D
Acq On : 22 Oct 2024 02:17
Operator : RC/JU
Sample : P4414-22
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4F83

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: BP022521.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	32	36	41	rVB	21539	27202	0.97%	0.086%
2	3.611	102	106	124	rBV	266584	388458	13.82%	1.224%
3	3.928	156	160	165	rVB3	6916	9954	0.35%	0.031%
4	4.840	314	315	324	rVB9	2820	4997	0.18%	0.016%
5	5.222	377	380	383	rVB5	2426	2902	0.10%	0.009%
6	5.693	456	460	468	rVB	9308	14185	0.50%	0.045%
7	6.187	538	544	550	rVB	1751	4544	0.16%	0.014%
8	6.857	646	658	669	rBV	357510	631419	22.46%	1.990%
9	7.010	674	684	694	rVV	280797	420489	14.96%	1.325%
10	7.210	710	718	730	rBV	369486	583484	20.75%	1.839%
11	7.663	788	795	802	rBV	361475	574447	20.43%	1.810%
12	7.734	802	807	816	rVB2	8471	16779	0.60%	0.053%
13	8.369	907	915	929	rBV	474952	778662	27.69%	2.453%
14	8.475	932	933	940	rVB4	3434	4353	0.15%	0.014%
15	8.804	981	989	999	rBV	329055	571370	20.32%	1.800%
16	8.969	1011	1017	1021	rBV9	1834	4184	0.15%	0.013%
17	9.216	1052	1059	1067	rBV2	22185	36083	1.28%	0.114%
18	9.357	1078	1083	1091	rBV	51052	77889	2.77%	0.245%
19	9.516	1102	1110	1123	rBV	289411	509896	18.14%	1.607%
20	10.051	1193	1201	1222	rBV	493580	845810	30.08%	2.665%
21	10.416	1255	1263	1272	rBV	479255	787161	28.00%	2.480%
22	10.557	1279	1287	1306	rBV	360308	680134	24.19%	2.143%
23	10.957	1349	1355	1364	rBV5	12476	29959	1.07%	0.094%
24	11.222	1395	1400	1402	rBV6	2601	3575	0.13%	0.011%
25	11.240	1402	1403	1410	rVB7	2768	4314	0.15%	0.014%
26	11.693	1474	1480	1485	rBV3	5620	10514	0.37%	0.033%
27	11.840	1500	1505	1511	rVB5	8309	13720	0.49%	0.043%
28	12.010	1527	1534	1541	rBV4	8263	14438	0.51%	0.045%
29	12.592	1629	1633	1636	rVB5	2212	3400	0.12%	0.011%
30	12.663	1640	1645	1648	rBV6	2545	5031	0.18%	0.016%
31	12.798	1663	1668	1673	rVV9	4561	8377	0.30%	0.026%
32	13.098	1714	1719	1724	rBV3	17013	25171	0.90%	0.079%
33	13.222	1738	1740	1746	rVB6	1883	3245	0.12%	0.010%
34	13.587	1798	1802	1809	rBV7	5290	9970	0.35%	0.031%
35	13.687	1809	1819	1830	rBV	799266	1252867	44.56%	3.948%
36	13.769	1830	1833	1835	rVB4	2897	3669	0.13%	0.012%

LSC Area Percent Report

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Sample : P4414-22
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4F83

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	13.963	1859	1866	1879	rBV	905896	1418802	50.46%	4.471%
38	14.169	1896	1901	1905	rVB7	5536	8189	0.29%	0.026%
39	14.269	1912	1918	1927	rBV	731537	1173565	41.74%	3.698%
40	14.345	1927	1931	1939	rVB4	9482	17512	0.62%	0.055%
41	14.504	1949	1958	1973	rBV	254398	522231	18.57%	1.646%
42	14.692	1987	1990	1991	rBV3	4392	4732	0.17%	0.015%
43	14.716	1992	1994	2000	rVB6	8822	13770	0.49%	0.043%
44	15.092	2055	2058	2061	rBV4	2561	3915	0.14%	0.012%
45	15.151	2065	2068	2070	rBV4	2832	3057	0.11%	0.010%
46	15.286	2084	2091	2098	rBV	1232293	1853111	65.91%	5.839%
47	15.345	2098	2101	2105	rVB2	11267	13800	0.49%	0.043%
48	15.434	2110	2116	2125	rBV	292335	411033	14.62%	1.295%
49	15.539	2131	2134	2135	rBV2	3475	3492	0.12%	0.011%
50	15.663	2147	2155	2165	rBV	520560	954075	33.93%	3.006%
51	15.875	2186	2191	2199	rVB	23608	40432	1.44%	0.127%
52	16.039	2214	2219	2222	rBV6	8214	15263	0.54%	0.048%
53	16.181	2239	2243	2246	rBV6	4194	7679	0.27%	0.024%
54	16.228	2246	2251	2257	rVV	46643	68214	2.43%	0.215%
55	16.475	2290	2293	2298	rVB5	13006	17805	0.63%	0.056%
56	16.733	2333	2337	2340	rBV6	7012	10791	0.38%	0.034%
57	16.810	2347	2350	2351	rBV3	4025	4538	0.16%	0.014%
58	16.833	2351	2354	2357	rVV5	10131	14093	0.50%	0.044%
59	16.892	2361	2364	2371	rVB2	14786	24964	0.89%	0.079%
60	16.951	2372	2374	2377	rBV4	4268	3796	0.14%	0.012%
61	16.986	2377	2380	2387	rVB9	6920	12314	0.44%	0.039%
62	17.086	2389	2397	2402	rBV	944156	1589370	56.53%	5.008%
63	17.133	2402	2405	2409	rVV	197291	231904	8.25%	0.731%
64	17.180	2409	2413	2424	rVB	1597513	2168931	77.14%	6.834%
65	17.263	2424	2427	2428	rBV3	12135	11655	0.41%	0.037%
66	17.386	2442	2448	2455	rVB	486248	722679	25.70%	2.277%
67	17.475	2458	2463	2464	rBV5	13412	19055	0.68%	0.060%
68	17.504	2466	2468	2472	rVB	15601	20694	0.74%	0.065%
69	17.880	2528	2532	2540	rBV	15493	40779	1.45%	0.128%
70	18.016	2546	2555	2570	rBV2	271825	530646	18.87%	1.672%
71	18.192	2581	2585	2595	rBV4	37579	89093	3.17%	0.281%
72	18.316	2603	2606	2609	rVB	20750	26009	0.93%	0.082%
73	18.557	2644	2647	2651	rBV	20340	28305	1.01%	0.089%
74	19.216	2753	2759	2767	rVB	403465	629447	22.39%	1.983%
75	19.280	2768	2770	2774	rVB5	20900	21664	0.77%	0.068%
76	19.351	2778	2782	2790	rVV4	61411	104958	3.73%	0.331%

LSC Area Percent Report

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Sample : P4414-22
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4F83

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

77	19.563	2812	2818	2822	rBV	1773998	2811644	100.00%	8.859%
78	19.616	2825	2827	2842	rVB	463033	834628	29.68%	2.630%
79	20.110	2909	2911	2913	rBV3	38868	40054	1.42%	0.126%
80	21.186	3090	3094	3101	rVB3	220130	413362	14.70%	1.302%
81	21.516	3143	3150	3154	rBV2	1288125	2117949	75.33%	6.673%
82	21.551	3154	3156	3166	rVB	180588	293764	10.45%	0.926%
83	24.551	3658	3666	3675	rBV	921641	2290176	81.45%	7.216%
84	24.780	3697	3705	3713	rBV	674795	1716237	61.04%	5.408%

Sum of corrected areas: 31736828

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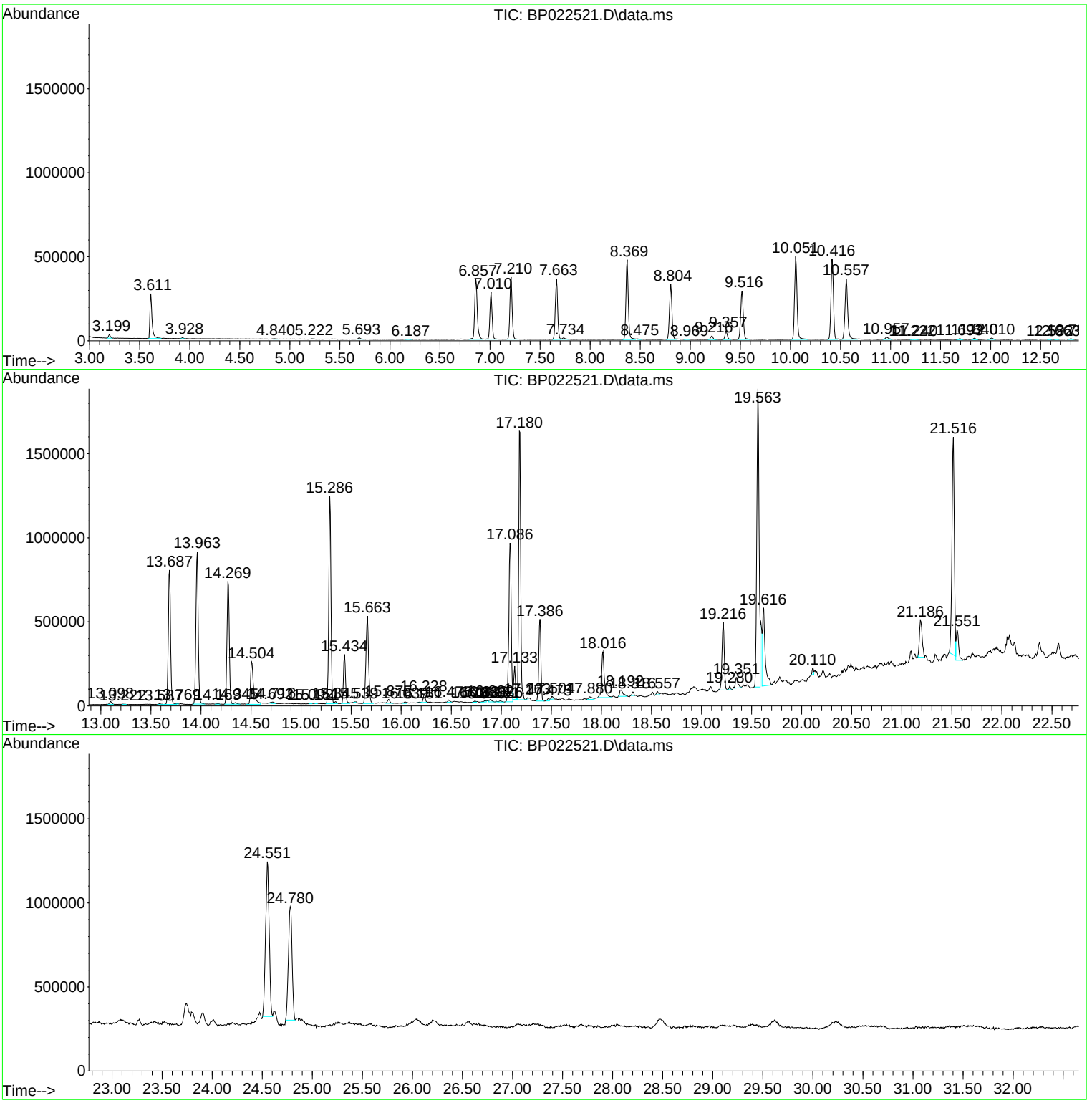
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4F83

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 : BP022521.D
Acq On : 22 Oct 2024 02:17
Operator : RC/JU
Sample : P4414-22
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4F83

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

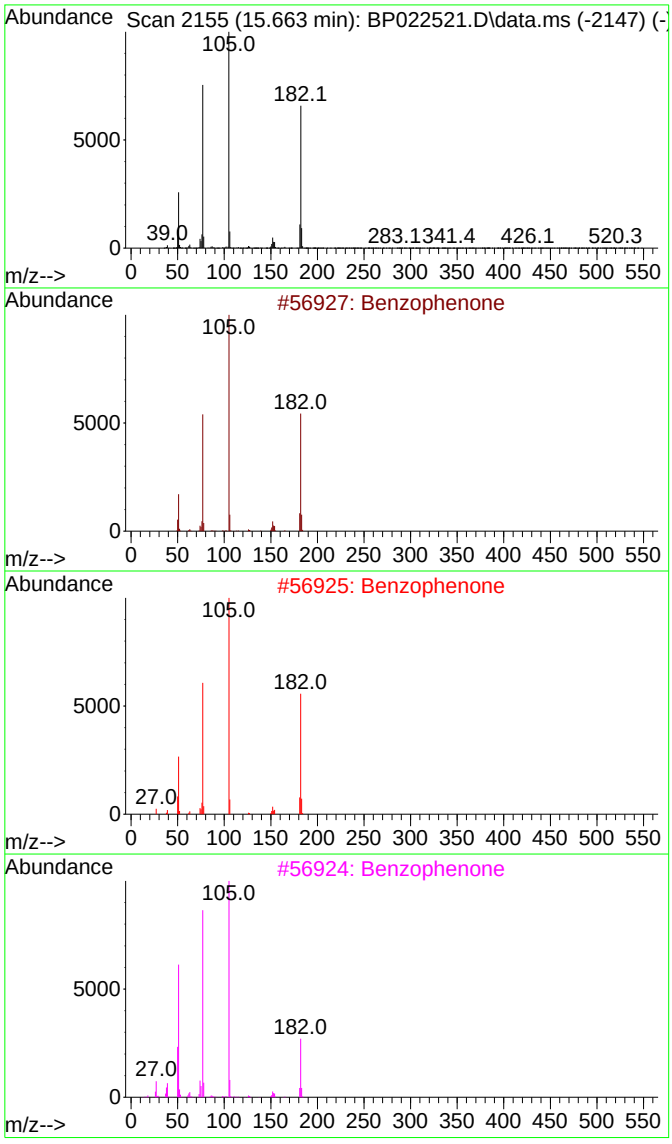
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

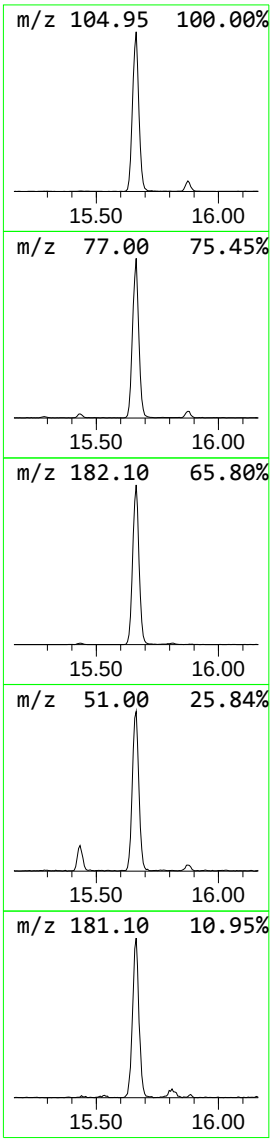
****

Peak Number 1 Benzophenone Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.663	16.26 ng/ul	954075	Acenaphthene-d10	14.269

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	97
2	Benzophenone	182	C13H10O	000119-61-9	96
3	Benzophenone	182	C13H10O	000119-61-9	89
4	Benzophenone	182	C13H10O	000119-61-9	87
5	Benzophenone	182	C13H10O	000119-61-9	81





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102124\
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ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4F83

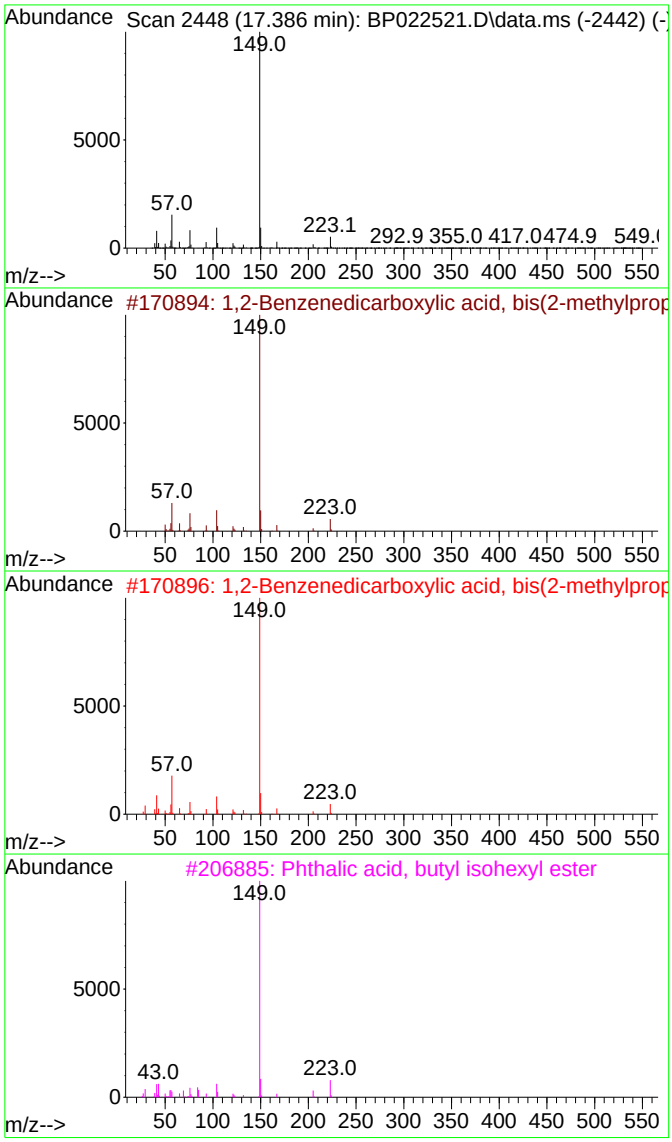
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION

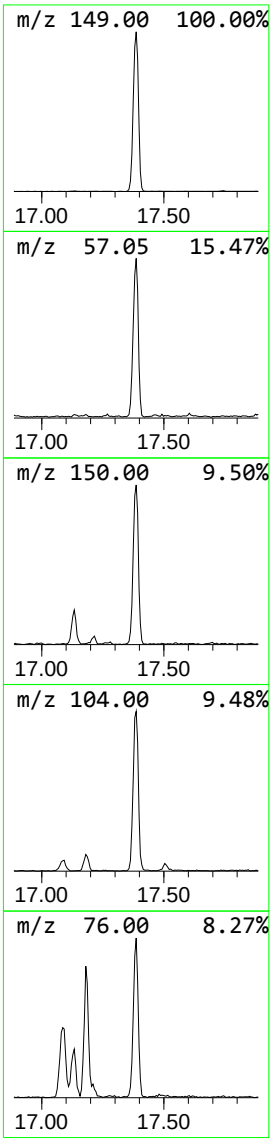
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 1,2-Benzenedicarboxylic aci... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.386	9.09 ng/ul	722679	Phenanthrene-d10	17.086

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2-Benzenedicarboxylic acid, bi...	278	C16H22O4	000084-69-5	91
2	1,2-Benzenedicarboxylic acid, bi...	278	C16H22O4	000084-69-5	91
3	Phthalic acid, butyl isohexyl ester	306	C18H26O4	1000309-03-6	90
4	1,2-Benzenedicarboxylic acid, bi...	278	C16H22O4	000084-69-5	83
5	Phthalic acid, isobutyl 2-propyl...	334	C20H30O4	1000377-91-9	78





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102124\
Data File : BP022521.D
Acq On : 22 Oct 2024 02:17
Operator : RC/JU
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Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4F83

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

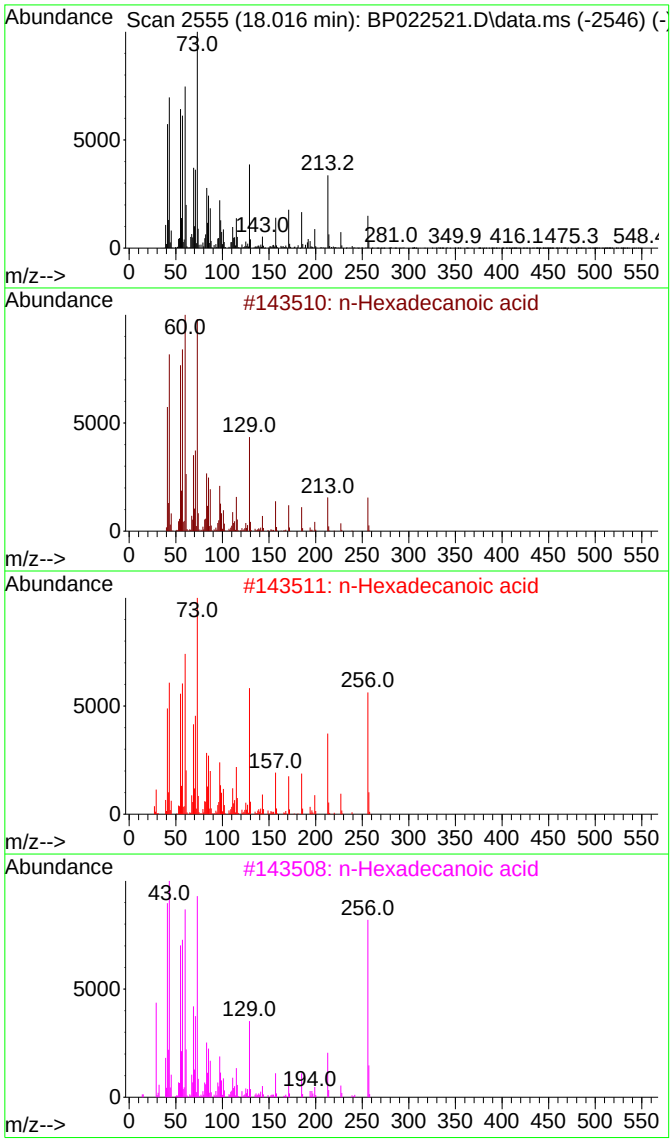
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

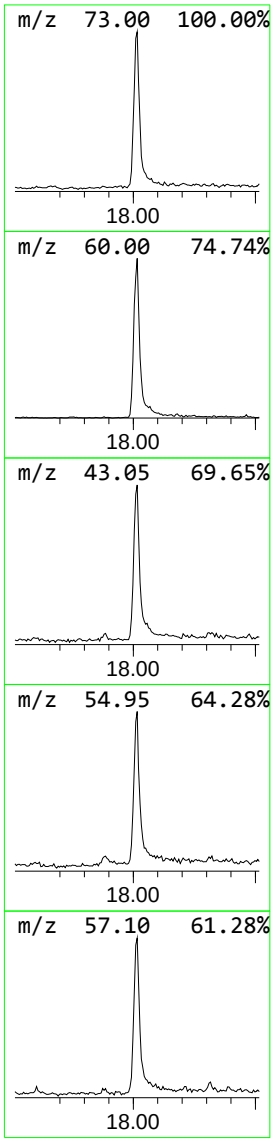
****

Peak Number 3 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.016	6.68 ng/ul	530646	Phenanthrene-d10	17.086

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	97
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	90





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Sample : P4414-22
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4F83

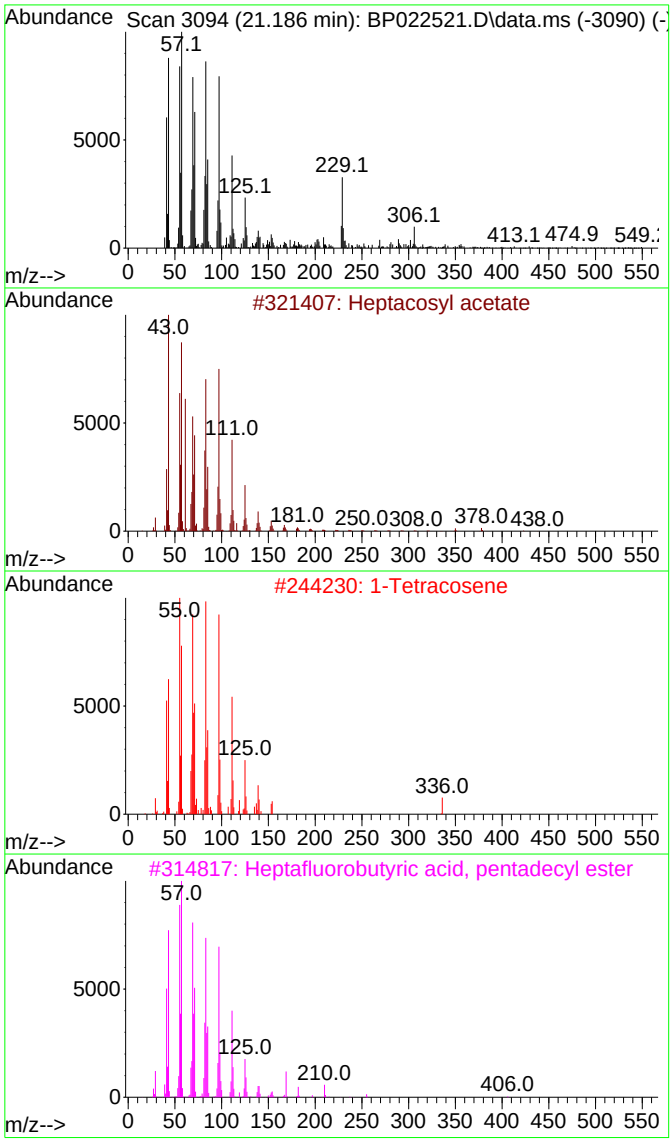
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION

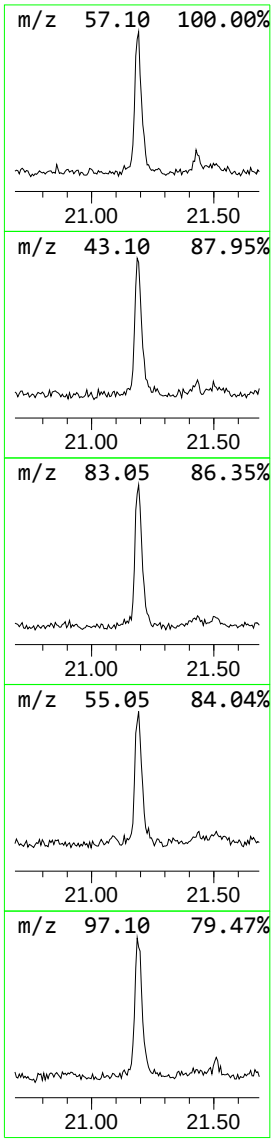
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Heptacosyl acetate Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.186	3.90 ng/ul	413362	Chrysene-d12	21.515

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosyl acetate	438	C29H58O2	1000351-78-2	99
2	1-Tetracosene	336	C24H48	010192-32-2	97
3	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	91
4	Nonacos-1-ene	406	C29H58	018835-35-3	91
5	1-Tetracosene	336	C24H48	010192-32-2	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102124\
Data File : BP022521.D
Acq On : 22 Oct 2024 02:17
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Sample : P4414-22
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4F83

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	16.3	ng/ul	954075	3	14.269	1173570	20.0
1,2-Benzenedica...	17.386	9.1	ng/ul	722679	4	17.086	1589370	20.0
n-Hexadecanoic ...	18.016	6.7	ng/ul	530646	4	17.086	1589370	20.0
Heptacosyl acetate	21.186	3.9	ng/ul	413362	5	21.515	2117950	20.0