LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122324\
Data File : BP023572.D
Acq On : 23 Dec 2024 21:06
Operator : RC/JU
Sample : P5331-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : E2AQ1

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: BP023572.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.087	14	17	26	rVB	39060	56616	1.24%	0.112%
2	3.505	84	88	110	rBV	405463	742546	16.31%	1.467%
3	3.805	135	139	143	rVB2	9002	15064	0.33%	0.030%
4	3.911	153	157	163	rVB9	5877	9068	0.20%	0.018%
5	4.699	287	291	296	rBV	7111	9800	0.22%	0.019%
6	5.958	500	505	511	rBV10	3923	8800	0.19%	0.017%
7	6.063	519	523	526	rVB5	6209	9491	0.21%	0.019%
8	6.663	618	625	630	rBV10	4397	11829	0.26%	0.023%
9	6.740	630	638	656	rBV	498733	1100032	24.17%	2.174%
10	6.875	656	661	675	rVB	523048	802322	17.63%	1.585%
11	7.075	686	695	709	rBV	578213	1008954	22.17%	1.994%
12	7.522	761	771	780	rBV	566199	983977	21.62%	1.944%
13	7.628	787	789	798	rVB5	8780	12547	0.28%	0.025%
14	8.169	874	881	887	rBV5	8083	16713	0.37%	0.033%
15	8.246	887	894	914	rBV	621717	1270262	27.91%	2.510%
16	8.669	959	966	982	rBV	546669	1007245	22.13%	1.990%
17	8.834	990	994	997	rVB6	4302	5999	0.13%	0.012%
18	9.046	1022	1030	1035	rBV2	14426	26158	0.57%	0.052%
19	9.234	1057	1062	1077	rVB	53101	102996	2.26%	0.204%
20	9.381	1077	1087	1107	rBV	419853	877568	19.28%	1.734%
21	9.816	1157	1161	1165	rBV7	6024	9461	0.21%	0.019%
22	9.934	1173	1181	1211	rBV	528644	1355667	29.78%	2.679%
23	10.269	1228	1238	1247	rBV	756985	1315152	28.89%	2.599%
24	10.434	1256	1266	1288	rBV	504124	1164278	25.58%	2.301%
25	10.816	1324	1331	1332	rBV7	5630	10342	0.23%	0.020%
26	10.851	1332	1337	1344	rVB5	14205	32763	0.72%	0.065%
27	11.681	1473	1478	1484	rVB6	7484	13958	0.31%	0.028%
28	11.798	1494	1498	1501	rBV4	4722	6915	0.15%	0.014%
29	11.875	1505	1511	1520	rBV	9590	19973	0.44%	0.039%
30	12.440	1599	1607	1609	rBV8	5133	10058	0.22%	0.020%
31	12.469	1609	1612	1616	rVV6	4879	8987	0.20%	0.018%
32	12.593	1629	1633	1638	rVB8	3481	5939	0.13%	0.012%
33	12.645	1638	1642	1647	rVB8	4281	6566	0.14%	0.013%
34	12.728	1652	1656	1661	rVB5	5129	8086	0.18%	0.016%
35	12.940	1685	1692	1702	rBV3	21030	37572	0.83%	0.074%
36	13.122	1717	1723	1731	rVB	21611	31558	0.69%	0.062%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122324\
Data File : BP023572.D
Acq On : 23 Dec 2024 21:06
Operator : RC/JU
Sample : P5331-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E2AQ1

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	13.351	1756	1762	1771	rBV4	14196	31090	0.68%	0.061%
38	13.551	1790	1796	1811	rVB	1432099	2023602	44.46%	3.999%
39	13.834	1831	1844	1857	rBV	1545441	2361700	51.88%	4.667%
40	14.039	1872	1879	1886	rBV3	27810	68325	1.50%	0.135%
41	14.145	1890	1897	1908	rVB	1260879	1924633	42.28%	3.803%
42	14.363	1930	1934	1939	rVB8	7000	13308	0.29%	0.026%
43	14.457	1944	1950	1967	rBV2	249743	928059	20.39%	1.834%
44	14.592	1970	1973	1982	rVB5	32736	64804	1.42%	0.128%
45	14.751	1997	2000	2005	rVB7	4502	4677	0.10%	0.009%
46	14.881	2020	2022	2024	rBV3	4332	5028	0.11%	0.010%
47	15.010	2038	2044	2049	rVB3	12175	17255	0.38%	0.034%
48	15.163	2063	2070	2079	rBV	1862741	3055279	67.12%	6.037%
49	15.322	2092	2097	2108	rBV	481689	860773	18.91%	1.701%
50	15.545	2128	2135	2148	rBV	978094	1490284	32.74%	2.945%
51	15.922	2192	2199	2204	rBV3	22352	46207	1.02%	0.091%
52	16.110	2226	2231	2241	rVB	75902	122476	2.69%	0.242%
53	16.363	2270	2274	2276	rBV5	7362	11798	0.26%	0.023%
54	16.710	2329	2333	2336	rBV4	13125	21155	0.46%	0.042%
55	16.751	2338	2340	2347	rVB3	25442	38506	0.85%	0.076%
56	16.963	2370	2376	2382	rBV2	1627815	2443438	53.68%	4.828%
57	17.057	2387	2392	2406	rVB	2128475	3403295	74.77%	6.725%
58	17.386	2442	2448	2453	rBV10	10576	25477	0.56%	0.050%
59	17.910	2530	2537	2553	rBV	783991	1353418	29.73%	2.674%
60	18.186	2580	2584	2593	rVB3	35611	65809	1.45%	0.130%
61	18.769	2680	2683	2694	rVB	37789	75237	1.65%	0.149%
62	18.992	2717	2721	2727	rBV2	28785	42770	0.94%	0.085%
63	19.080	2732	2736	2739	rBV3	63321	94521	2.08%	0.187%
64	19.110	2739	2741	2744	rVV3	29648	32609	0.72%	0.064%
65	19.239	2758	2763	2776	rBV	447943	757826	16.65%	1.497%
66	19.451	2793	2799	2807	rBV	2688006	4229556	92.92%	8.357%
67	19.527	2807	2812	2821	rVB	233845	461324	10.13%	0.912%
68	20.433	2963	2966	2973	rVB	115658	131817	2.90%	0.260%
69	20.545	2983	2985	2990	rVB2	53551	72173	1.59%	0.143%
70	21.063	3068	3073	3082	rBV	455638	816748	17.94%	1.614%
71	21.398	3123	3130	3147	rBV	1822573	3277961	72.01%	6.477%
72	24.357	3625	3633	3649	rVB	1885710	4551872	100.00%	8.994%
73	24.562	3661	3668	3688	rVB	1329984	3568897	78.41%	7.052%

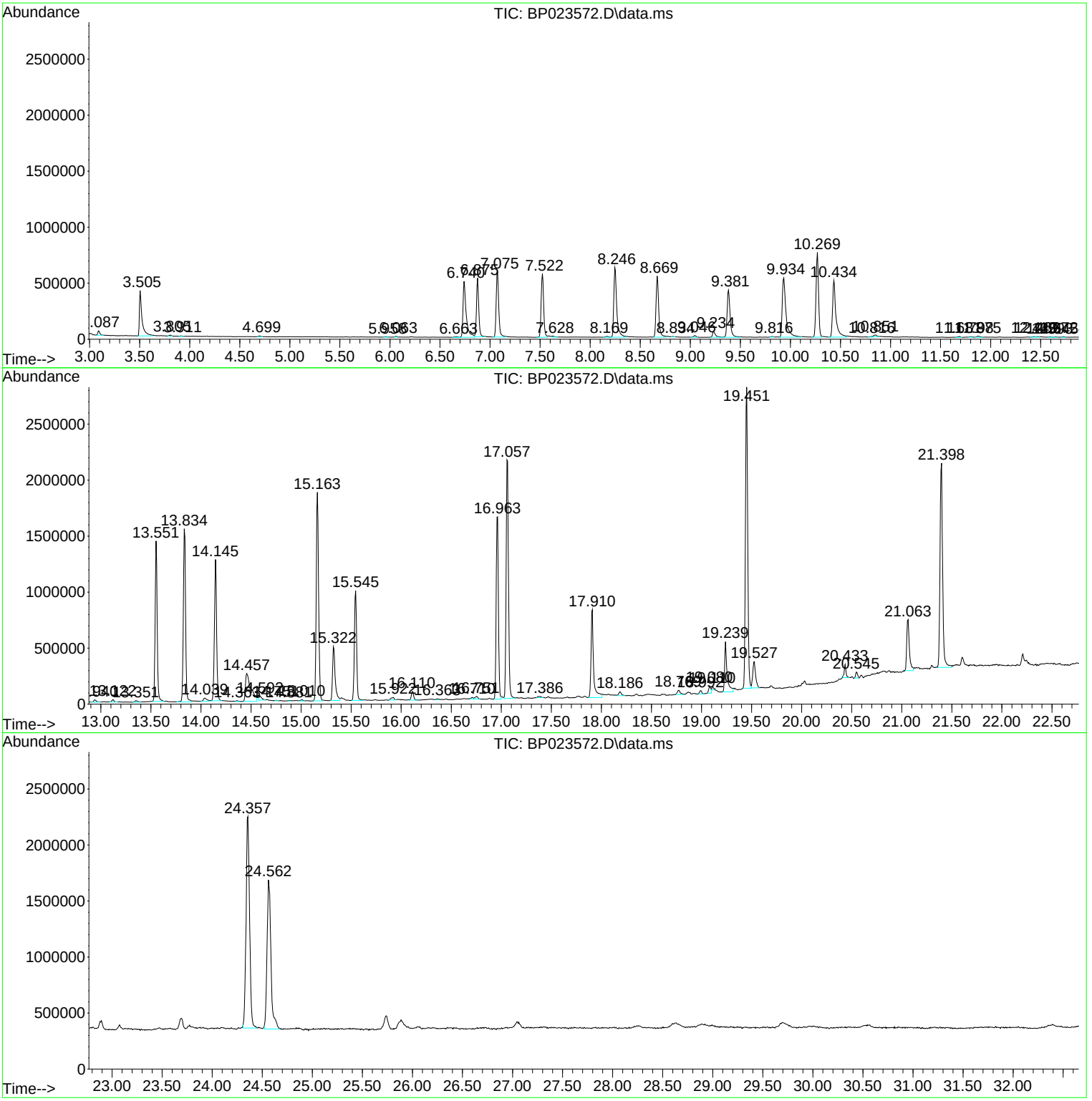
Sum of corrected areas: 50608969

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122324\
Data File : BP023572.D
Acq On : 23 Dec 2024 21:06
Operator : RC/JU
Sample : P5331-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E2AQ1

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\BP122324\
Data File : BP023572.D
Acq On : 23 Dec 2024 21:06
Operator : RC/JU
Sample : P5331-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E2AQ1

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

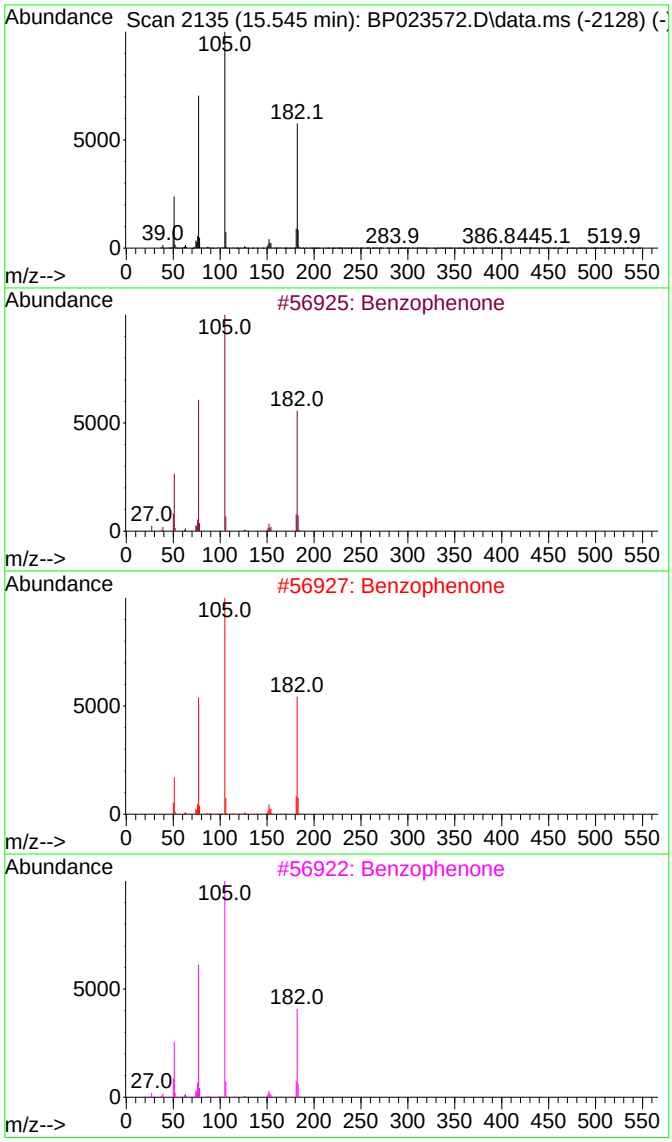
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

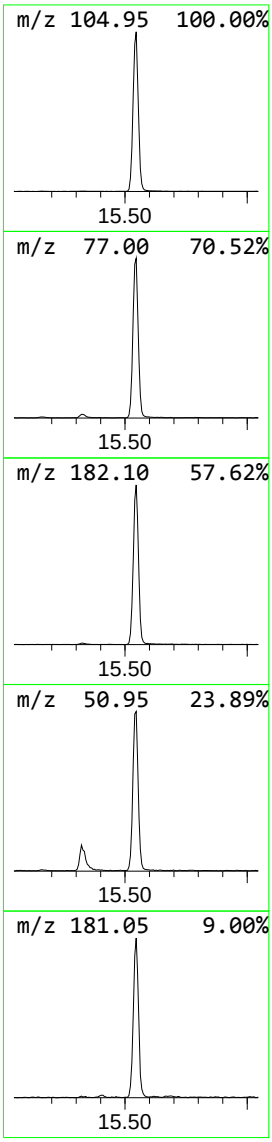
****

Peak Number 1 Benzophenone Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.545	15.49 ng/ul	1490280	Acenaphthene-d10	14.145

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	94
4	Benzophenone	182	C13H10O	000119-61-9	93
5	Benzenecarbothioic acid, S-methy...	152	C8H8OS	005925-68-8	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122324\
Data File : BP023572.D
Acq On : 23 Dec 2024 21:06
Operator : RC/JU
Sample : P5331-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E2AQ1

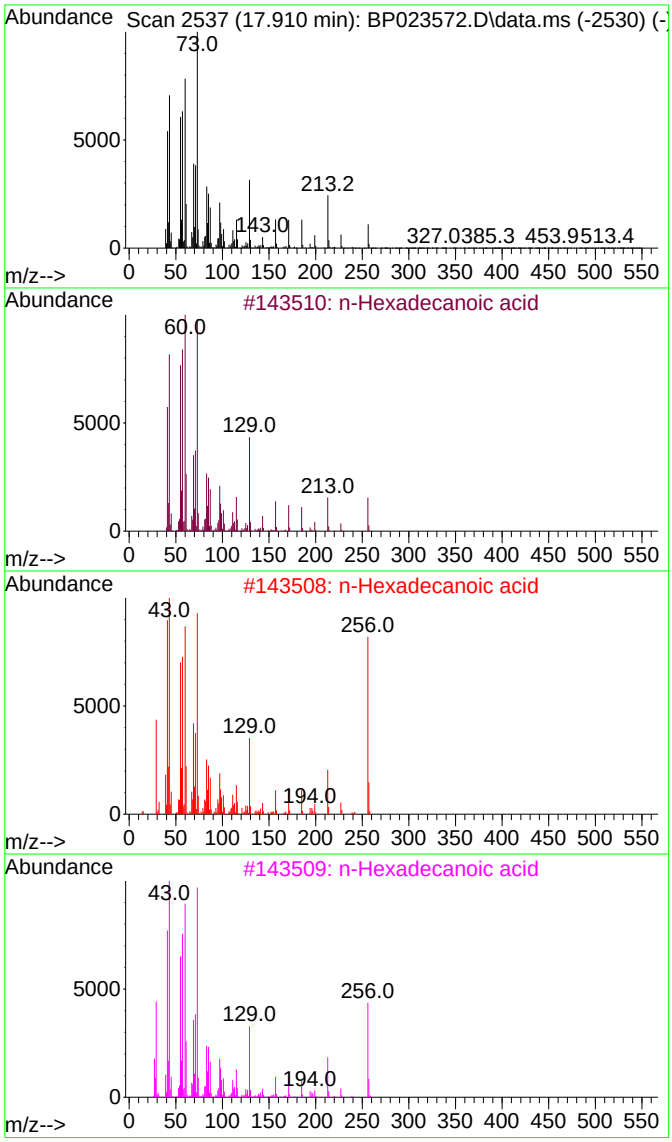
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112624.MA.M
Quant Title : SVOA CALIBRATION

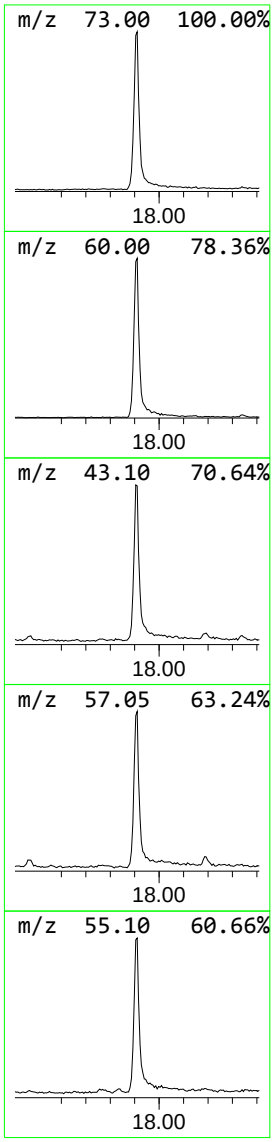
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.910	11.08 ng/ul	1353420	Phenanthrene-d10	16.963

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	98
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122324\
Data File : BP023572.D
Acq On : 23 Dec 2024 21:06
Operator : RC/JU
Sample : P5331-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E2AQ1

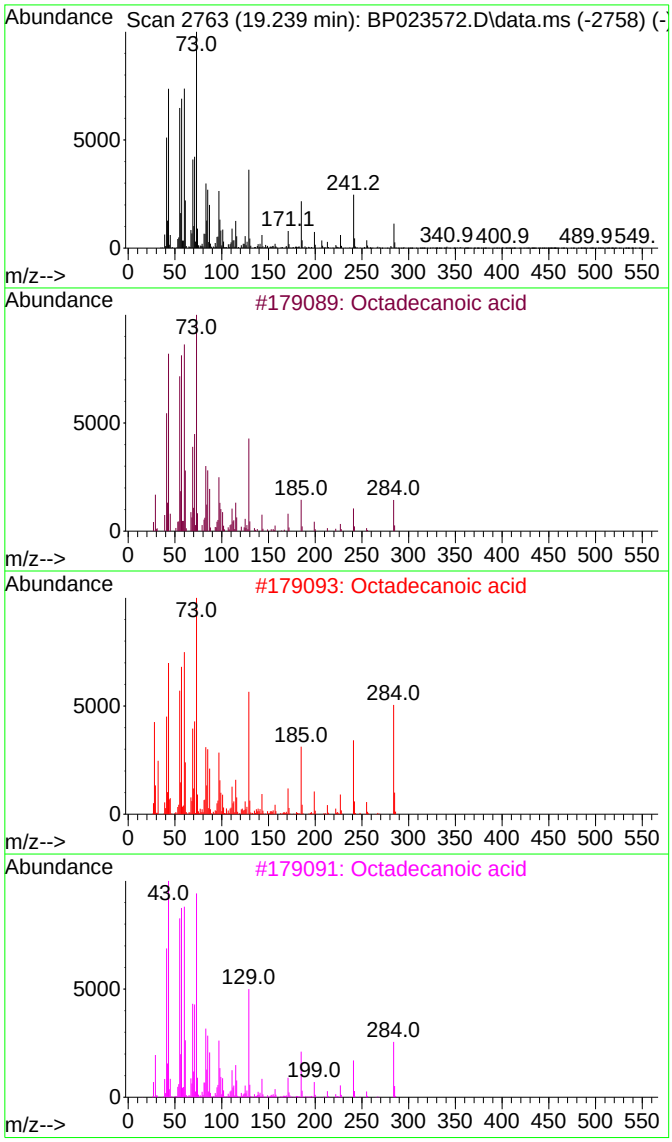
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112624.MA.M
Quant Title : SVOA CALIBRATION

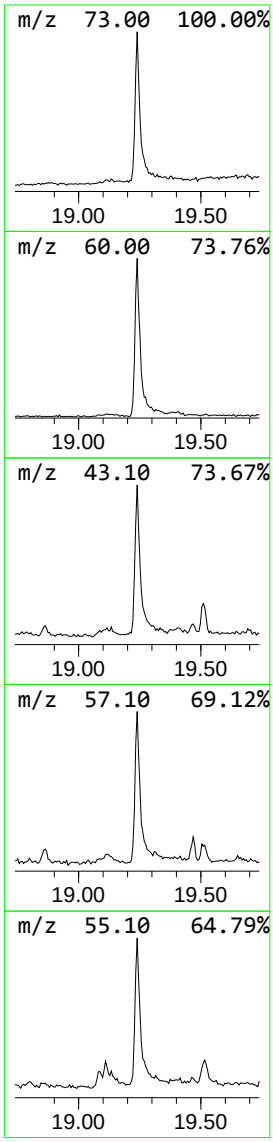
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Octadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.239	4.62 ng/ul	757826	Chrysene-d12	21.398

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	93
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122324\
Data File : BP023572.D
Acq On : 23 Dec 2024 21:06
Operator : RC/JU
Sample : P5331-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E2AQ1

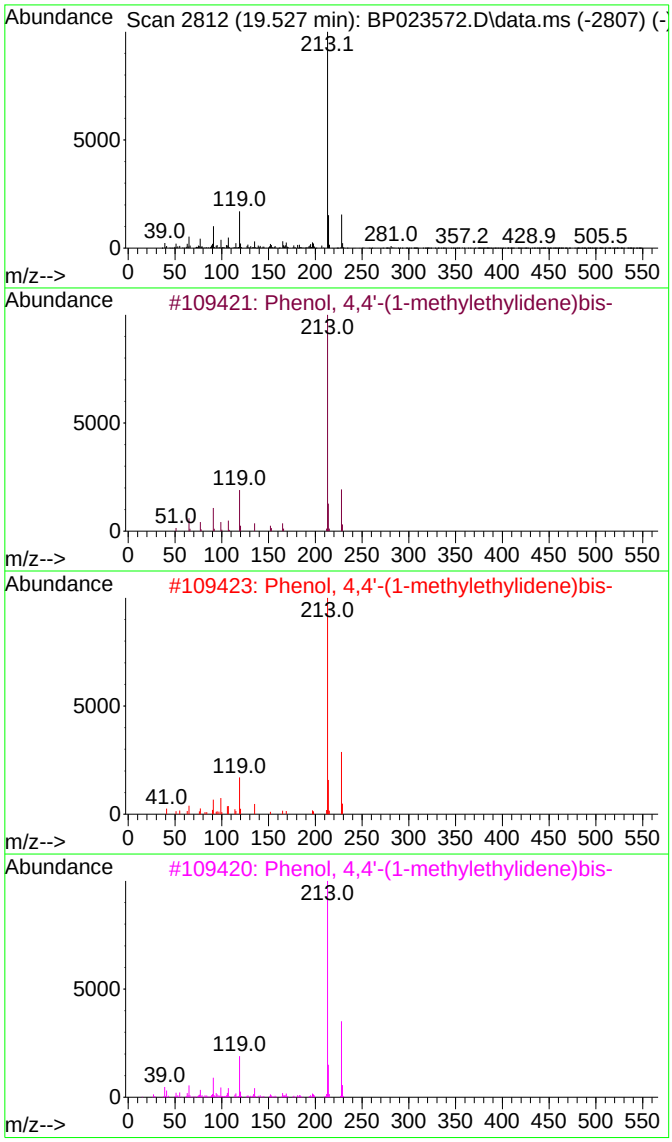
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112624.MA.M
Quant Title : SVOA CALIBRATION

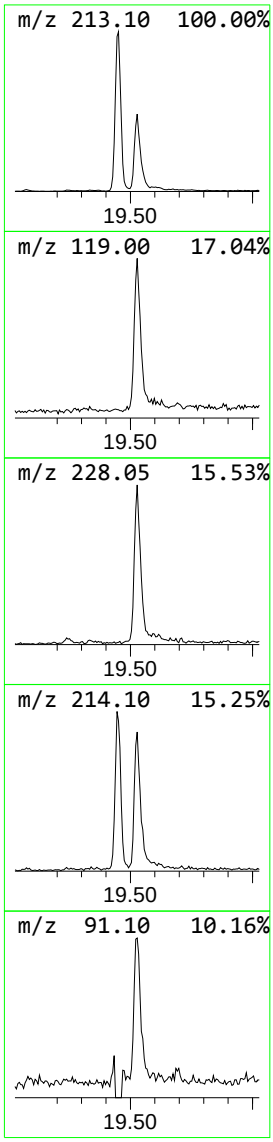
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.527	2.81 ng/ul	461324	Chrysene-d12	21.398

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4,4'-(1-methylethylidene...	228	C15H16O2	000080-05-7	96
2	Phenol, 4,4'-(1-methylethylidene...	228	C15H16O2	000080-05-7	87
3	Phenol, 4,4'-(1-methylethylidene...	228	C15H16O2	000080-05-7	81
4	4,4'-(1,3-Dimethylbutylidene)bis...	270	C18H22O2	006807-17-6	74
5	Phenol, 4,4'-(1-methylethylidene...	228	C15H16O2	000080-05-7	60





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122324\
Data File : BP023572.D
Acq On : 23 Dec 2024 21:06
Operator : RC/JU
Sample : P5331-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E2AQ1

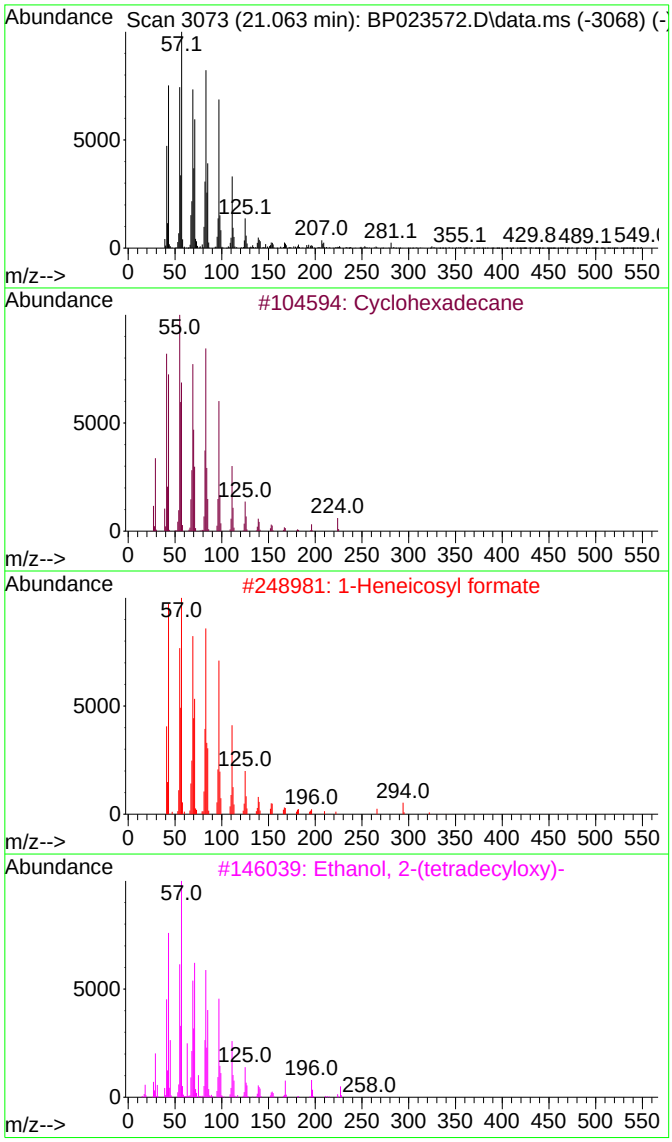
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112624.MA.M
Quant Title : SVOA CALIBRATION

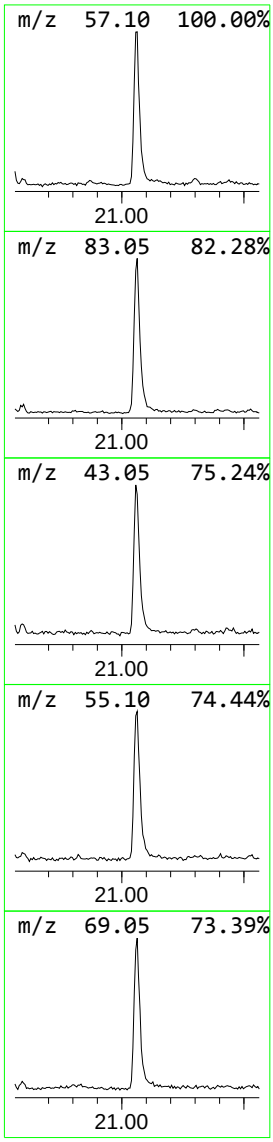
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 (DEL) Alkane: Cyclic21.063 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.063	4.98 ng/ul	816748	Chrysene-d12	21.398

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane	224	C16H32	000295-65-8	98
2	1-Heneicosyl formate	340	C22H44O2	077899-03-7	95
3	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	92
4	n-Tetracosanol-1	354	C24H50O	000506-51-4	91
5	Pentadecafluorooctanoic acid, oc...	666	C26H37F15O2	1000406-04-8	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122324\
Data File : BP023572.D
Acq On : 23 Dec 2024 21:06
Operator : RC/JU
Sample : P5331-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E2AQ1

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	15.545	15.5	ng/ul	1490280	3	14.145	1924630	20.0
n-Hexadecanoic ...	17.910	11.1	ng/ul	1353420	4	16.963	2443440	20.0
Octadecanoic acid	19.239	4.6	ng/ul	757826	5	21.398	3277960	20.0
Phenol, 4,4'-(1...	19.527	2.8	ng/ul	461324	5	21.398	3277960	20.0
(DEL) Alkane: C...	21.063	5.0	ng/ul	816748	5	21.398	3277960	20.0