LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102124\
Data File : BP022530.D
Acq On : 22 Oct 2024 08:22
Operator : RC/JU
Sample : P4414-18
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : A4F64

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: BP022530.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	43	rVB	19434	26674	0.85%	0.074%
2	3.487	83	85	90	rBV6	1710	3125	0.10%	0.009%
3	3.611	103	106	125	rBV	223962	374522	12.00%	1.045%
4	3.928	156	160	165	rBV	10001	14076	0.45%	0.039%
5	6.811	646	650	651	rBV3	4343	4573	0.15%	0.013%
6	6.858	651	658	672	rVV	348991	617171	19.77%	1.721%
7	7.005	675	683	697	rVB	271914	431063	13.81%	1.202%
8	7.205	709	717	728	rBV	357193	588699	18.86%	1.642%
9	7.664	786	795	802	rBV	473513	736130	23.58%	2.053%
10	7.734	802	807	814	rVB7	7674	15555	0.50%	0.043%
11	8.369	907	915	932	rBV	480019	789386	25.29%	2.202%
12	8.799	981	988	998	rBV	332841	580944	18.61%	1.620%
13	8.963	1013	1016	1021	rVB7	3441	4342	0.14%	0.012%
14	9.210	1052	1058	1064	rVB3	11393	19064	0.61%	0.053%
15	9.358	1076	1083	1091	rBV2	43192	69535	2.23%	0.194%
16	9.516	1102	1110	1124	rBV	291429	511059	16.37%	1.425%
17	10.052	1192	1201	1219	rBV	488645	883804	28.31%	2.465%
18	10.416	1254	1263	1273	rBV	564824	1004860	32.19%	2.803%
19	10.563	1280	1288	1302	rBV	384420	720423	23.08%	2.009%
20	10.969	1350	1357	1365	rBV8	9027	20388	0.65%	0.057%
21	11.216	1390	1399	1406	rBV8	3536	9242	0.30%	0.026%
22	11.687	1470	1479	1485	rBV9	4970	8843	0.28%	0.025%
23	11.840	1501	1505	1510	rVB7	2729	4150	0.13%	0.012%
24	12.004	1525	1533	1538	rBV2	9835	15647	0.50%	0.044%
25	13.087	1713	1717	1723	rVB5	6186	8994	0.29%	0.025%
26	13.593	1798	1803	1809	rBV8	2996	6023	0.19%	0.017%
27	13.687	1813	1819	1829	rBV	981404	1336723	42.82%	3.728%
28	13.798	1836	1838	1842	rVB5	3607	4363	0.14%	0.012%
29	13.963	1859	1866	1878	rBV	992459	1515834	48.56%	4.228%
30	14.110	1887	1891	1895	rVB7	2584	3819	0.12%	0.011%
31	14.163	1896	1900	1909	rVB10	3617	7790	0.25%	0.022%
32	14.275	1909	1919	1927	rBV	923534	1509588	48.36%	4.210%
33	14.351	1927	1932	1937	rVB8	4033	8204	0.26%	0.023%
34	14.510	1951	1959	1972	rBV	206924	534720	17.13%	1.491%
35	14.710	1990	1993	2000	rVB9	7141	14387	0.46%	0.040%
36	15.087	2053	2057	2064	rBV9	3203	7347	0.24%	0.020%

LSC Area Percent Report

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Data File : BP022530.D
Acq On : 22 Oct 2024 08:22
Operator : RC/JU
Sample : P4414-18
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4F64

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	1289188	2027874	64.97%	5.656%
38	15.345	2099	2101	2110	rVB7	5265	7941	0.25%	0.022%
39	15.428	2110	2115	2121	rBV	322484	365799	11.72%	1.020%
40	15.528	2130	2132	2141	rVB5	10297	17222	0.55%	0.048%
41	15.669	2148	2156	2164	rBV	258610	440465	14.11%	1.228%
42	15.804	2176	2179	2182	rBV5	2947	4067	0.13%	0.011%
43	16.034	2215	2218	2219	rBV3	4106	3761	0.12%	0.010%
44	16.051	2219	2221	2224	rVB4	4743	4276	0.14%	0.012%
45	16.434	2282	2286	2288	rBV4	3773	4968	0.16%	0.014%
46	16.475	2290	2293	2295	rVV4	5087	5876	0.19%	0.016%
47	16.881	2359	2362	2366	rVB3	10952	14732	0.47%	0.041%
48	16.945	2370	2373	2377	rBV6	3978	6788	0.22%	0.019%
49	17.081	2389	2396	2401	rBV	1316325	1935021	61.99%	5.397%
50	17.122	2401	2403	2407	rVV	118342	138590	4.44%	0.387%
51	17.175	2407	2412	2422	rVV	1657858	2294906	73.52%	6.400%
52	17.275	2426	2429	2433	rVB3	12753	18485	0.59%	0.052%
53	17.375	2443	2446	2450	rVB	6973	8970	0.29%	0.025%
54	17.510	2458	2469	2474	rBV4	16926	52888	1.69%	0.148%
55	18.004	2548	2553	2563	rVB3	143241	278527	8.92%	0.777%
56	18.181	2579	2583	2588	rBV3	23601	45124	1.45%	0.126%
57	19.034	2725	2728	2732	rBV5	15462	23609	0.76%	0.066%
58	19.092	2736	2738	2741	rVB2	26459	29054	0.93%	0.081%
59	19.204	2751	2757	2764	rVB	311645	500728	16.04%	1.397%
60	19.345	2777	2781	2785	rBV6	31921	59827	1.92%	0.167%
61	19.551	2810	2816	2822	rBV	1948912	3121439	100.00%	8.706%
62	19.610	2822	2826	2839	rVB	913213	1728007	55.36%	4.819%
63	20.098	2907	2909	2915	rBV3	31467	54402	1.74%	0.152%
64	20.204	2925	2927	2931	rVB2	44623	43838	1.40%	0.122%
65	21.180	3088	3093	3099	rBV6	140988	261570	8.38%	0.730%
66	21.504	3141	3148	3153	rBV2	1458420	2495356	79.94%	6.960%
67	21.551	3153	3156	3161	rVB	140752	202991	6.50%	0.566%
68	22.080	3241	3246	3257	rVB2	250386	663904	21.27%	1.852%
69	22.363	3289	3294	3300	rBV	516798	838018	26.85%	2.337%
70	22.563	3324	3328	3335	rVB2	273932	519107	16.63%	1.448%
71	23.910	3552	3557	3565	rVB2	127064	278963	8.94%	0.778%
72	24.539	3656	3664	3674	rBV	982883	2648132	84.84%	7.386%
73	24.774	3695	3704	3715	rVB	831973	2298908	73.65%	6.412%

Sum of corrected areas: 35855200

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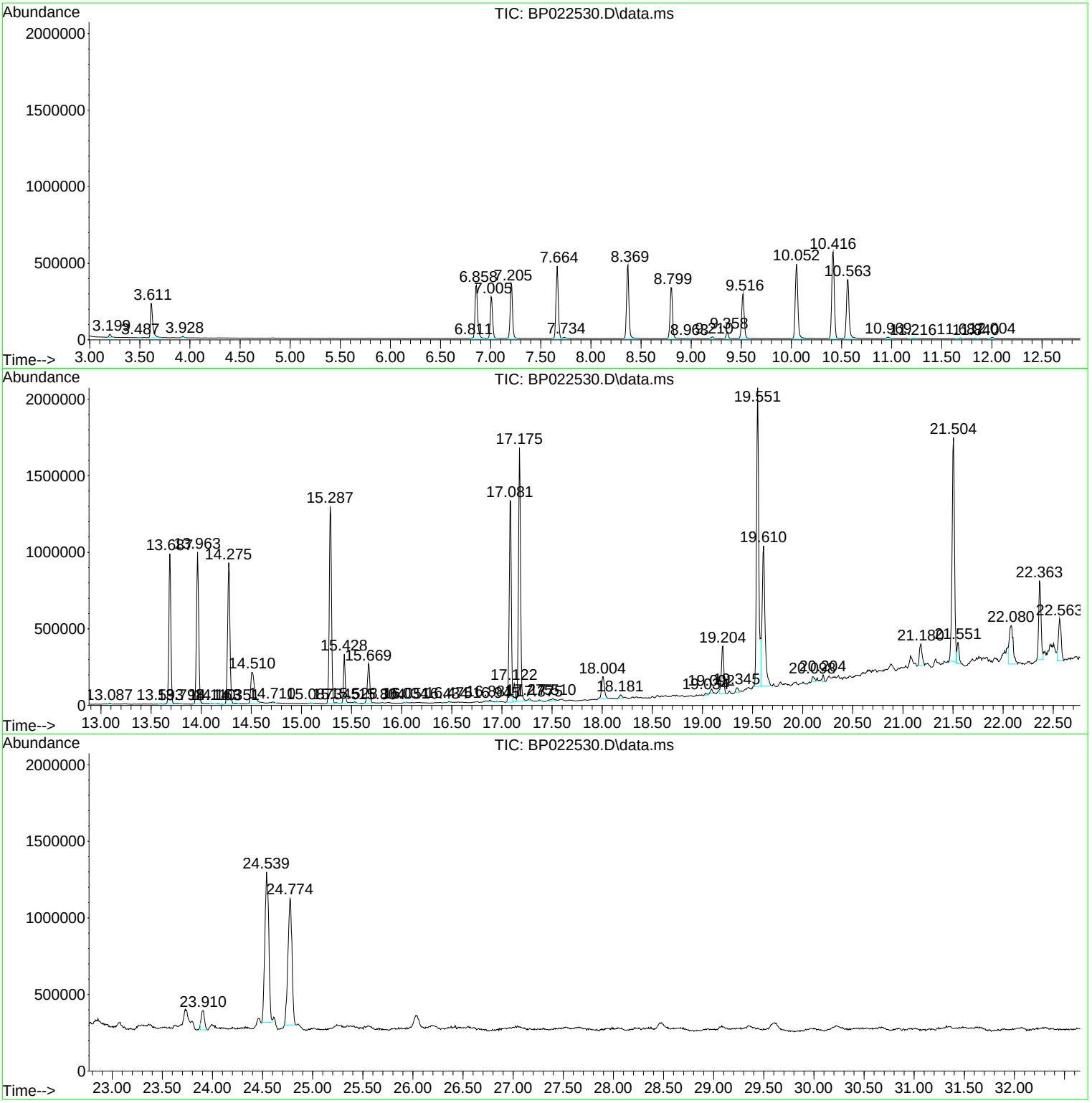
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4F64

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 : BP022530.D
Acq On : 22 Oct 2024 08:22
Operator : RC/JU
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Quant Title : SVOA CALIBRATION

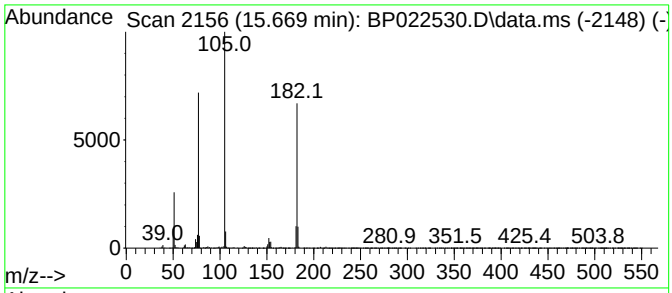
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

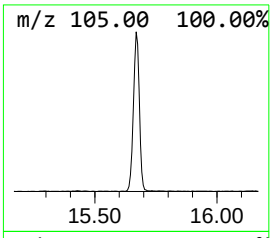
****

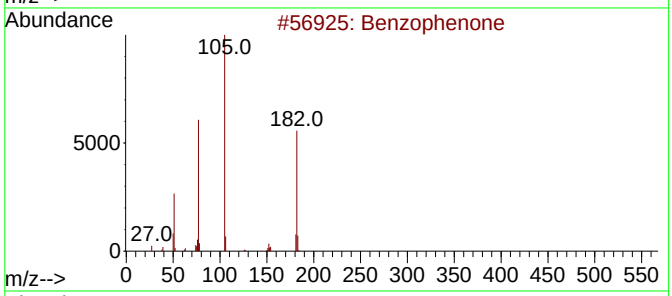
Peak Number 1 Benzophenone Concentration Rank 2

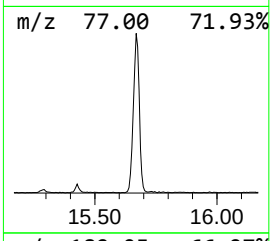
R.T.	EstConc	Area	Relative to ISTD	R.T.
15.669	5.84 ng/ul	440465	Acenaphthene-d10	14.275

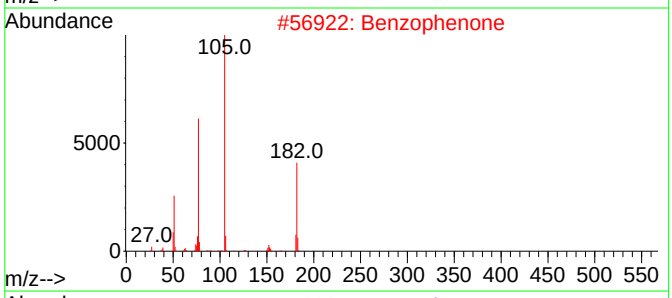
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	Benzophenone	182	C13H10O	000119-61-9	95
3	Benzophenone	182	C13H10O	000119-61-9	95
4	Benzophenone	182	C13H10O	000119-61-9	95
5	Benzophenone	182	C13H10O	000119-61-9	91

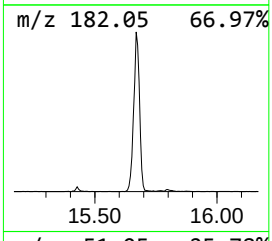


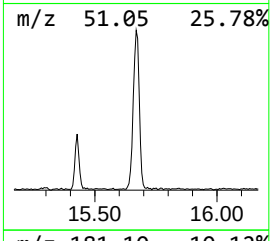


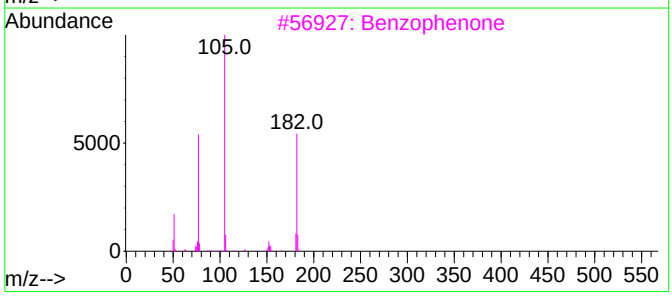


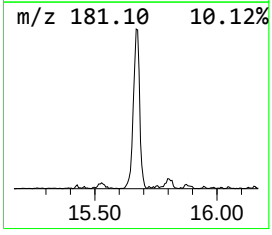












Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102124\
Data File : BP022530.D
Acq On : 22 Oct 2024 08:22
Operator : RC/JU
Sample : P4414-18
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4F64

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

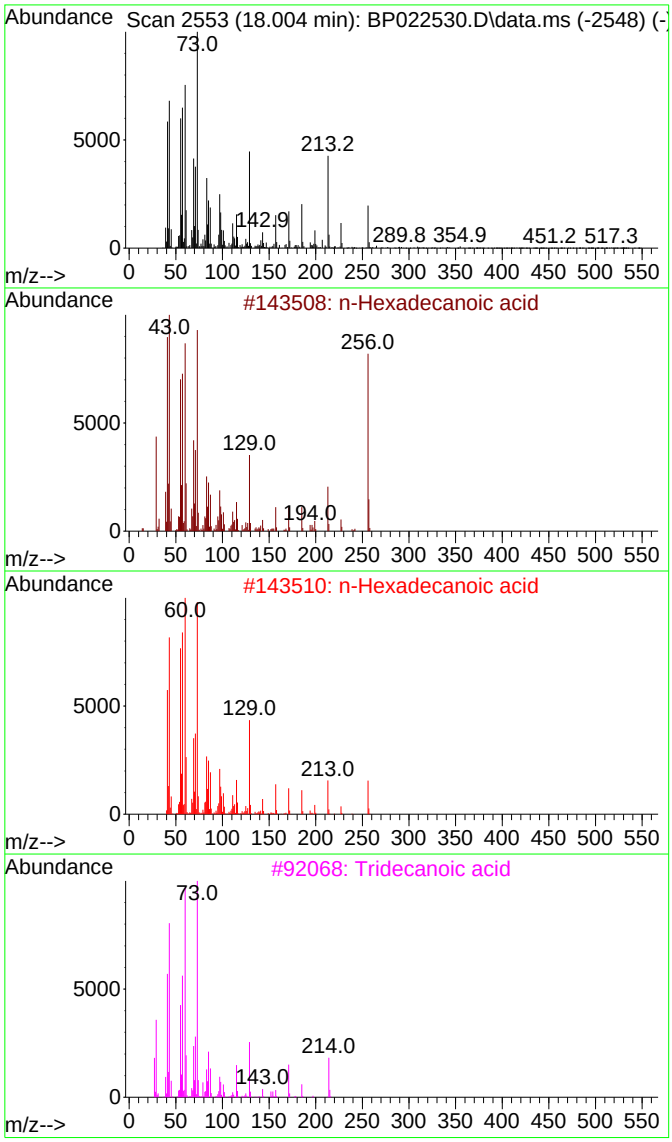
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

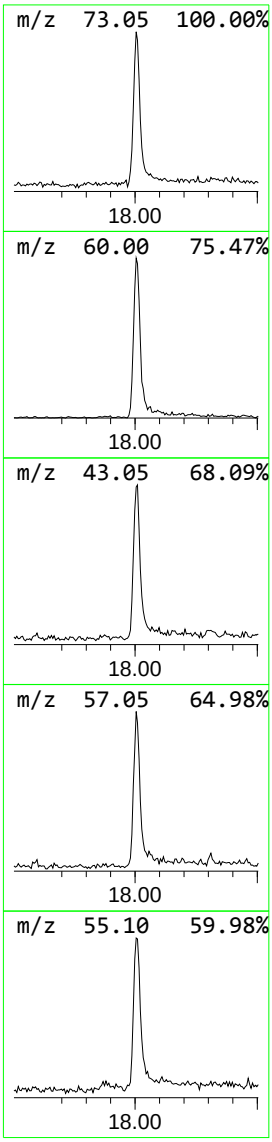
****

Peak Number 2 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.004	2.88 ng/ul	278527	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	96
3	Tridecanoic acid	214	C13H26O2	000638-53-9	83
4	n-Decanoic acid	172	C10H20O2	000334-48-5	64
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	58





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Data File : BP022530.D
Acq On : 22 Oct 2024 08:22
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Sample : P4414-18
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Instrument :
BNA_P
ClientSampleId :
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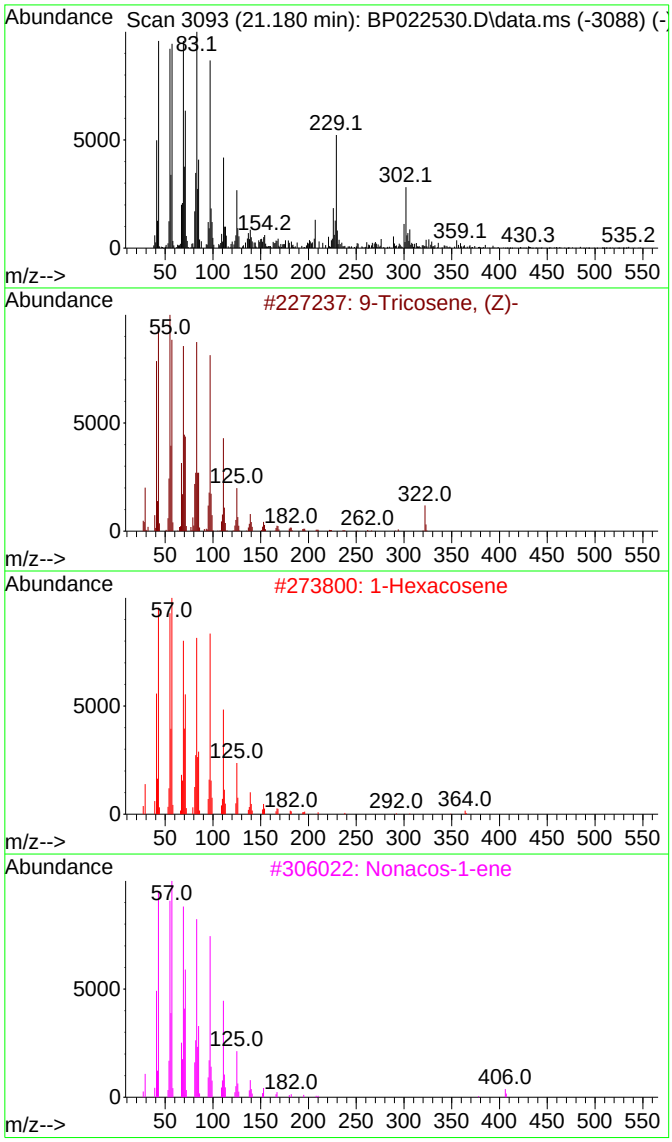
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION

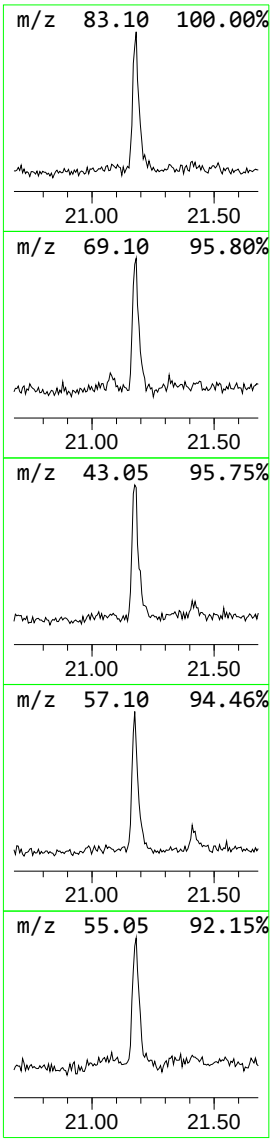
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.180	2.10 ng/ul	261570	Chrysene-d12	21.504

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Tricosene, (Z)-	322	C23H46	027519-02-4	90
2	1-Hexacosene	364	C26H52	018835-33-1	90
3	Nonacos-1-ene	406	C29H58	018835-35-3	90
4	Triacontyl acetate	480	C32H64O2	041755-58-2	90
5	Tetracosan-10-yl acetate	396	C26H52O2	1000466-24-3	81





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102124\
Data File : BP022530.D
Acq On : 22 Oct 2024 08:22
Operator : RC/JU
Sample : P4414-18
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4F64

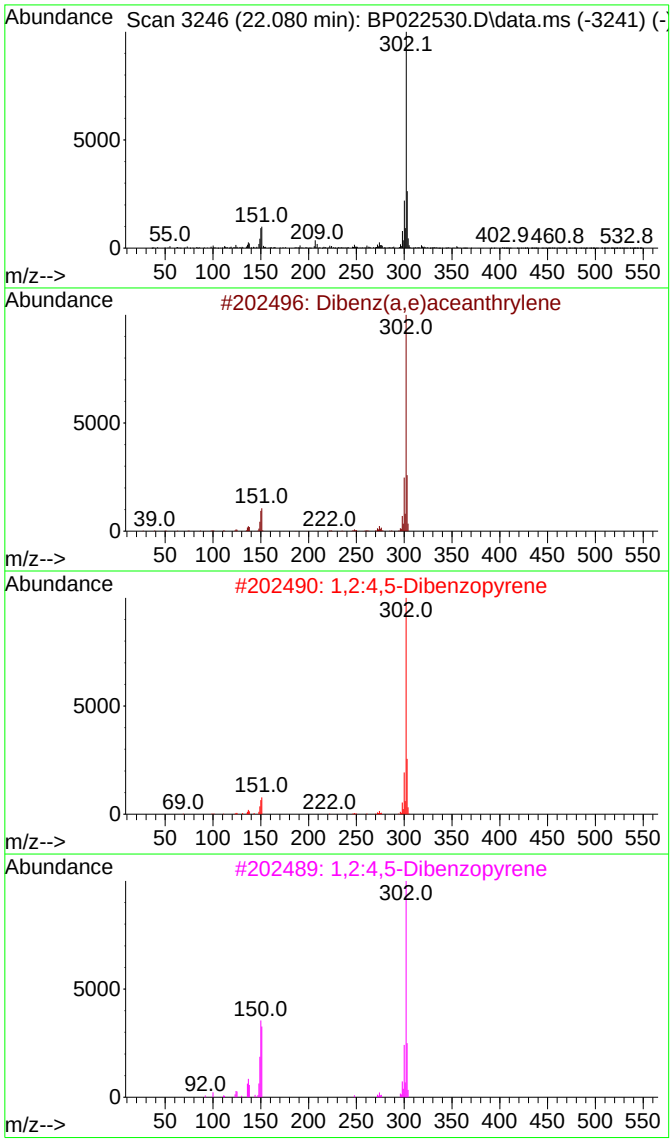
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION

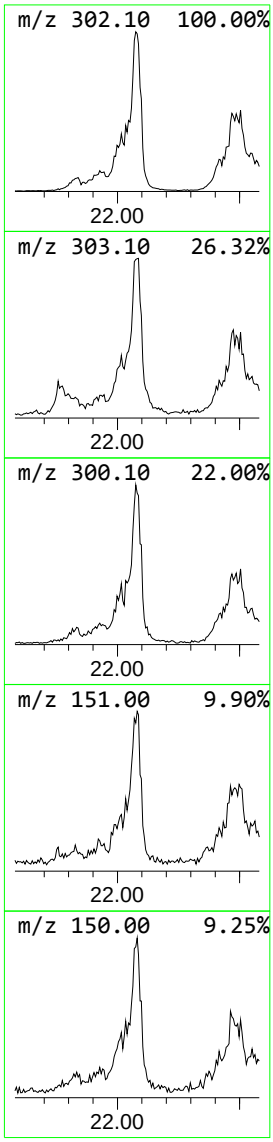
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Dibenz(a,e)aceanthrylene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.080	5.32 ng/ul	663904	Chrysene-d12	21.504

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenz(a,e)aceanthrylene	302	C24H14	005385-75-1	99
2	1,2:4,5-Dibenzopyrene	302	C24H14	000192-65-4	97
3	1,2:4,5-Dibenzopyrene	302	C24H14	000192-65-4	94
4	1,2:4,5-Dibenzopyrene	302	C24H14	000192-65-4	91
5	3,4:8,9-Dibenzopyrene	302	C24H14	000189-64-0	89





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102124\
Data File : BP022530.D
Acq On : 22 Oct 2024 08:22
Operator : RC/JU
Sample : P4414-18
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4F64

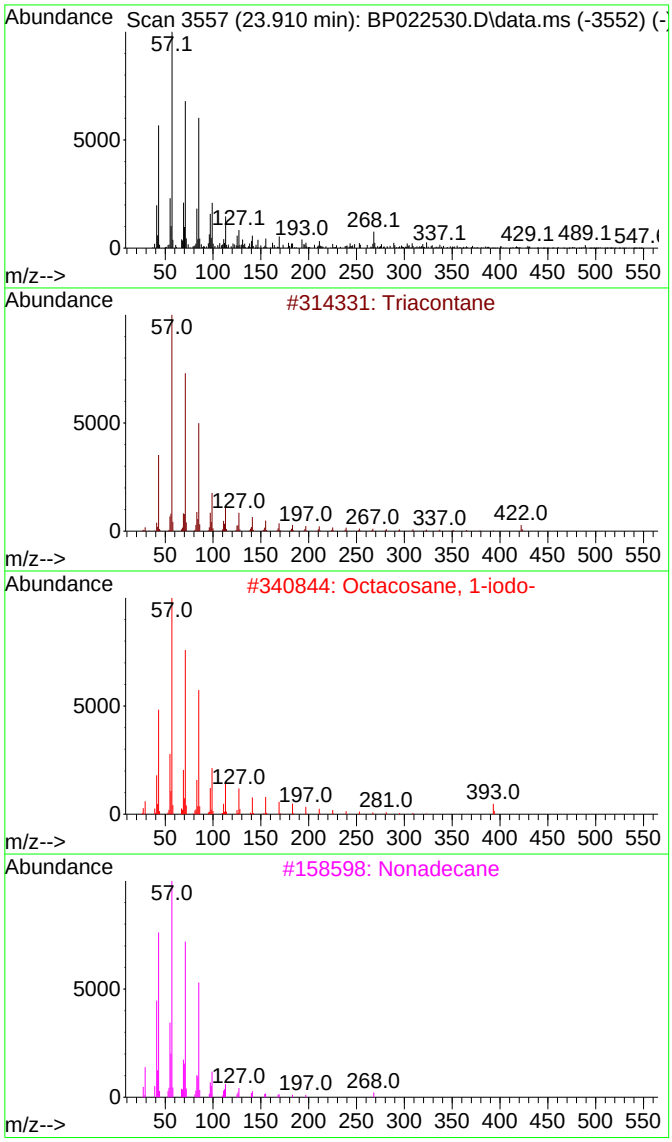
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION

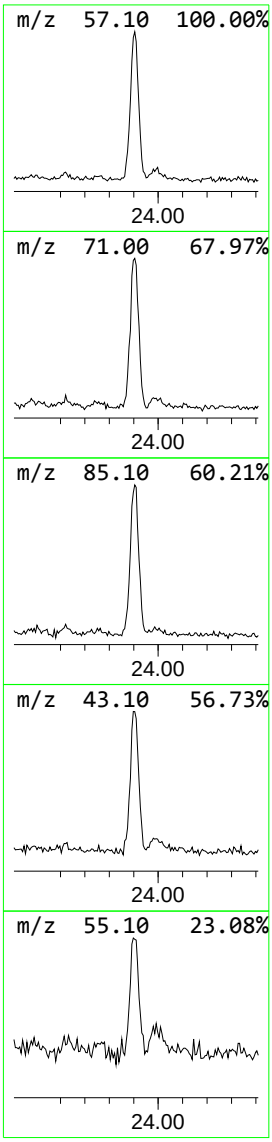
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.910	2.43 ng/ul	278963	Perylene-d12	24.774

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triacontane	422	C30H62	000638-68-6	90
2	Octacosane, 1-iodo-	520	C28H57I	1000406-32-2	90
3	Nonadecane	268	C19H40	000629-92-5	90
4	Tetratriacontane, 2-methyl-	493	C35H72	014167-65-8	87
5	Nonadecane	268	C19H40	000629-92-5	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102124\
Data File : BP022530.D
Acq On : 22 Oct 2024 08:22
Operator : RC/JU
Sample : P4414-18
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4F64

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	5.8	ng/ul	440465	3	14.275	1509590	20.0
n-Hexadecanoic ...	18.004	2.9	ng/ul	278527	4	17.087	1935020	20.0
(DEL) Alkane: S...	21.180	2.1	ng/ul	261570	5	21.504	2495360	20.0
Dibenz(a,e)acea...	22.080	5.3	ng/ul	663904	5	21.504	2495360	20.0
(DEL) Alkane: S...	23.910	2.4	ng/ul	278963	6	24.774	2298910	20.0