LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102524\
Data File : BP022624.D
Acq On : 26 Oct 2024 00:03
Operator : RC/JU
Sample : P4436-19
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4F41

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: BP022624.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.628	101	109	113	rBV3	17006	40162	0.32%	0.119%
2	3.699	118	121	126	rVB	12453	16203	0.13%	0.048%
3	4.505	255	258	266	rVB	14220	21071	0.17%	0.062%
4	5.493	420	426	430	rBV4	12838	20022	0.16%	0.059%
5	6.028	511	517	522	rBV2	27532	45514	0.37%	0.135%
6	6.258	549	556	565	rVB4	7765	21515	0.17%	0.064%
7	6.475	587	593	596	rBV	11598	16968	0.14%	0.050%
8	6.522	596	601	608	rVB	20848	32374	0.26%	0.096%
9	6.846	650	656	668	rVB2	121649	237964	1.91%	0.704%
10	6.987	674	680	692	rVB	96170	160000	1.28%	0.473%
11	7.193	708	715	725	rBV	139501	224377	1.80%	0.663%
12	7.646	784	792	800	rBV	323601	517549	4.15%	1.530%
13	8.358	906	913	924	rBV	115967	215354	1.73%	0.637%
14	8.463	925	931	940	rVB	56979	96087	0.77%	0.284%
15	8.793	979	987	996	rBV	125599	223059	1.79%	0.659%
16	9.199	1050	1056	1062	rBV2	10650	17235	0.14%	0.051%
17	9.346	1072	1081	1088	rBV	19916	36558	0.29%	0.108%
18	9.505	1100	1108	1114	rBV	113133	196103	1.57%	0.580%
19	9.552	1114	1116	1124	rVB4	8900	15244	0.12%	0.045%
20	9.699	1135	1141	1145	rBV3	8724	18519	0.15%	0.055%
21	9.758	1145	1151	1159	rVB2	22969	46833	0.38%	0.138%
22	10.046	1193	1200	1215	rBV	167982	325186	2.61%	0.961%
23	10.410	1254	1262	1274	rBV	459632	730864	5.87%	2.161%
24	10.552	1279	1286	1300	rVV	66982	149576	1.20%	0.442%
25	10.946	1345	1353	1362	rBV9	11625	31175	0.25%	0.092%
26	11.210	1391	1398	1410	rVB6	5899	14585	0.12%	0.043%
27	13.675	1809	1817	1828	rBV	312158	528313	4.24%	1.562%
28	13.957	1855	1865	1876	rBV	352569	577659	4.64%	1.708%
29	14.269	1908	1918	1925	rBV	718892	1109122	8.90%	3.279%
30	14.334	1925	1929	1935	rVB2	8401	13491	0.11%	0.040%
31	14.516	1953	1960	1969	rBV	112602	209246	1.68%	0.619%
32	14.657	1978	1984	1989	rBV9	6333	17176	0.14%	0.051%
33	14.716	1990	1994	1999	rVB6	10582	16202	0.13%	0.048%
34	15.281	2082	2090	2096	rBV	530700	814068	6.53%	2.407%
35	15.334	2096	2099	2106	rVB2	9310	15788	0.13%	0.047%
36	15.434	2108	2116	2126	rBV	91172	163545	1.31%	0.484%

LSC Area Percent Report

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Sample : P4436-19
Misc :
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Instrument :
BNA_P
ClientSampleId :
A4F41

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	15.651	2146	2153	2164	rBV	399643	622509	5.00%	1.840%
38	16.028	2210	2217	2224	rBV7	13200	26640	0.21%	0.079%
39	16.234	2245	2252	2256	rBV	85573	113406	0.91%	0.335%
40	16.481	2289	2294	2300	rBV5	14291	24462	0.20%	0.072%
41	16.545	2301	2305	2309	rVV3	7750	12580	0.10%	0.037%
42	16.728	2332	2336	2342	rVB4	6904	12950	0.10%	0.038%
43	16.898	2362	2365	2371	rVB3	8987	13040	0.10%	0.039%
44	17.069	2387	2394	2400	rBV	903492	1568664	12.59%	4.638%
45	17.122	2400	2403	2408	rVB	180032	248869	2.00%	0.736%
46	17.187	2408	2414	2419	rBV	596382	907708	7.29%	2.684%
47	17.504	2464	2468	2476	rVB	14009	22591	0.18%	0.067%
48	17.816	2517	2521	2529	rVB5	27382	41634	0.33%	0.123%
49	17.898	2530	2535	2541	rBV10	8503	17136	0.14%	0.051%
50	18.004	2547	2553	2569	rVV2	256294	508312	4.08%	1.503%
51	18.116	2569	2572	2577	rVV4	16804	30517	0.24%	0.090%
52	18.187	2578	2584	2588	rVV2	41301	84411	0.68%	0.250%
53	18.228	2589	2591	2596	rVB3	19918	25343	0.20%	0.075%
54	18.328	2603	2608	2609	rBV3	19333	24449	0.20%	0.072%
55	18.410	2618	2622	2629	rVB2	60556	106581	0.86%	0.315%
56	18.504	2635	2638	2642	rVB2	17827	25115	0.20%	0.074%
57	18.557	2643	2647	2651	rBV2	26161	39029	0.31%	0.115%
58	18.610	2651	2656	2665	rVB	553057	762169	6.12%	2.253%
59	18.751	2676	2680	2686	rVB2	86920	107318	0.86%	0.317%
60	18.898	2699	2705	2710	rBV	71799	121413	0.97%	0.359%
61	18.986	2716	2720	2722	rBV4	34006	42903	0.34%	0.127%
62	19.210	2753	2758	2765	rVB	539767	762163	6.12%	2.253%
63	19.281	2765	2770	2775	rVB	76108	107780	0.87%	0.319%
64	19.345	2777	2781	2790	rVB3	83999	143152	1.15%	0.423%
65	19.469	2799	2802	2811	rVB5	25990	43016	0.35%	0.127%
66	19.557	2811	2817	2822	rBV2	691963	1292603	10.38%	3.822%
67	20.039	2893	2899	2904	rBV	9303786	12457820	100.00%	36.831%
68	20.216	2927	2929	2933	rVB	43432	45341	0.36%	0.134%
69	21.192	3091	3095	3102	rBV4	147994	280322	2.25%	0.829%
70	21.522	3143	3151	3155	rBV3	1202642	2250789	18.07%	6.654%
71	21.563	3155	3158	3168	rVB	236583	402173	3.23%	1.189%
72	22.380	3293	3297	3301	rBV3	116463	215701	1.73%	0.638%
73	23.757	3524	3531	3537	rBV	151076	410862	3.30%	1.215%
74	23.916	3551	3558	3565	rVB2	214229	483428	3.88%	1.429%
75	24.551	3660	3666	3675	rVB	253191	615090	4.94%	1.818%
76	24.780	3697	3705	3716	rVB	691237	1869633	15.01%	5.527%

LSC Area Percent Report

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Acq On : 26 Oct 2024 00:03
Operator : RC/JU
Sample : P4436-19
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4F41

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

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Peak separation: 5

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

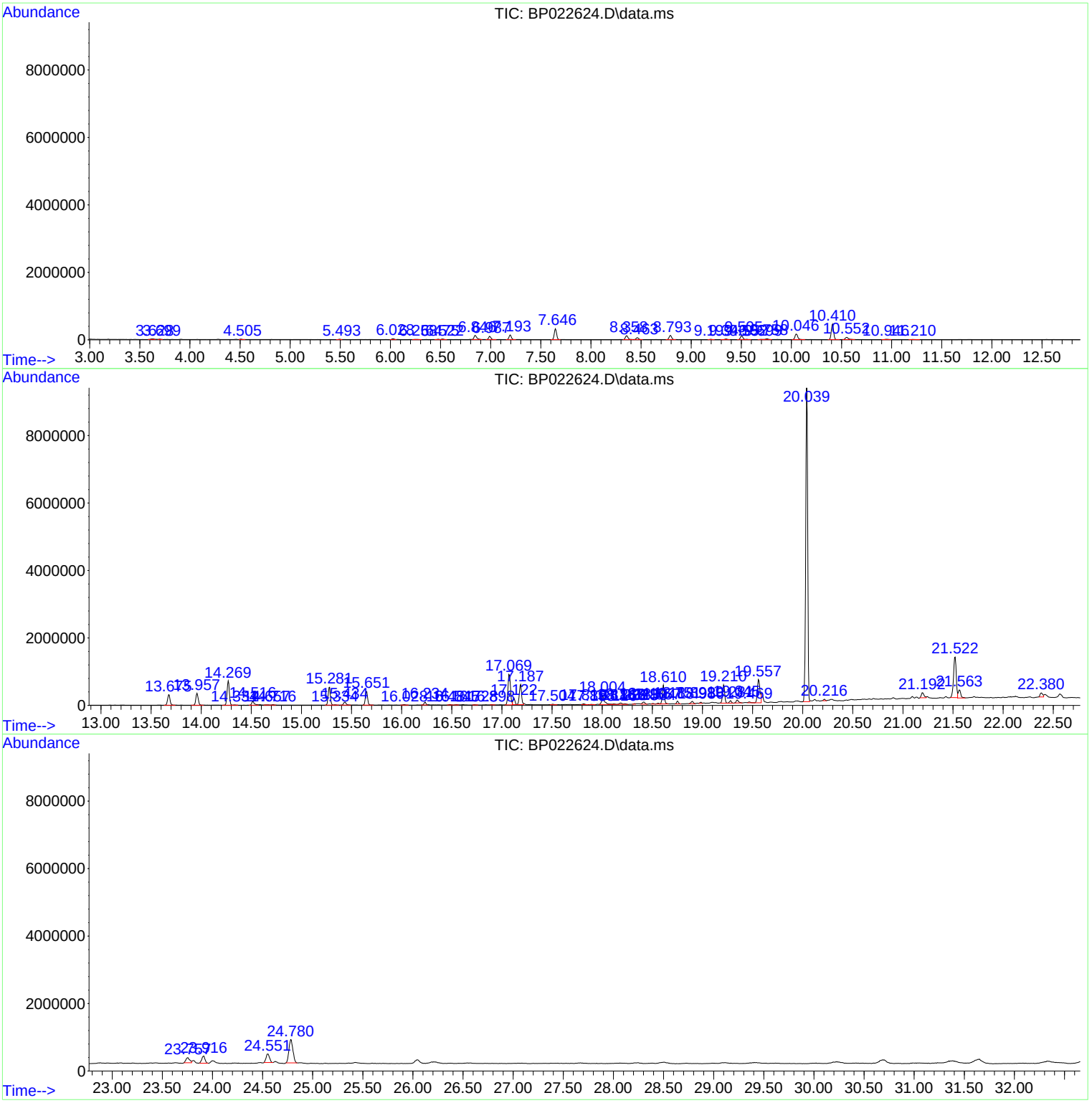
Sum of corrected areas: 33824329

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102524\
Data File : BP022624.D
Acq On : 26 Oct 2024 00:03
Operator : RC/JU
Sample : P4436-19
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4F41

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\BP102524\
Data File : BP022624.D
Acq On : 26 Oct 2024 00:03
Operator : RC/JU
Sample : P4436-19
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4F41

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

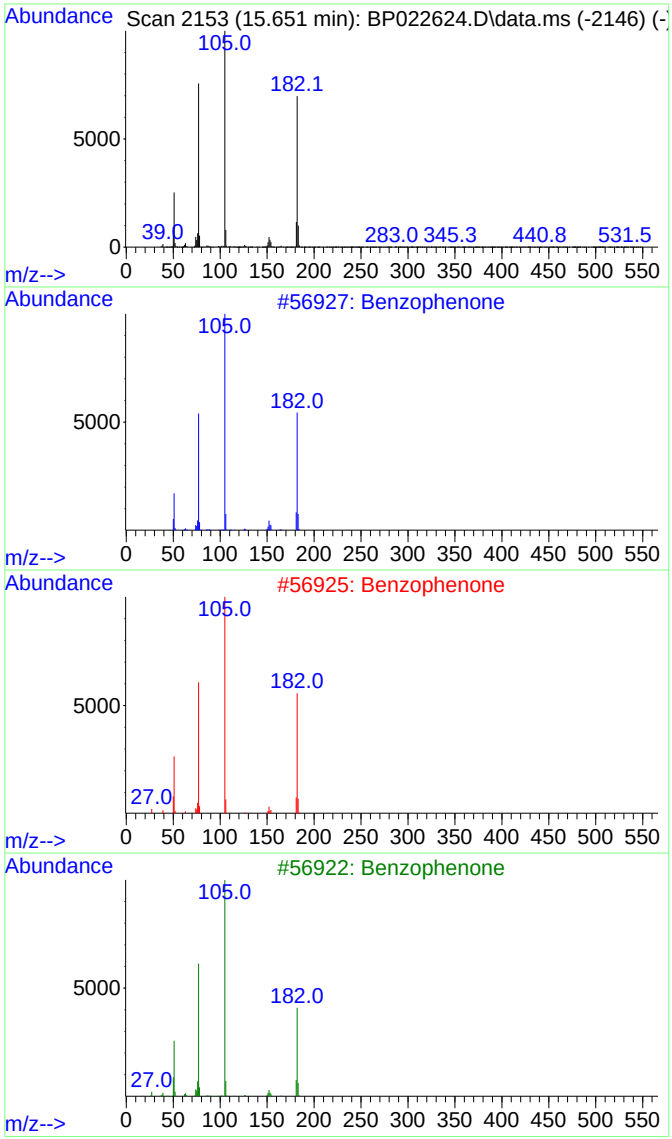
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

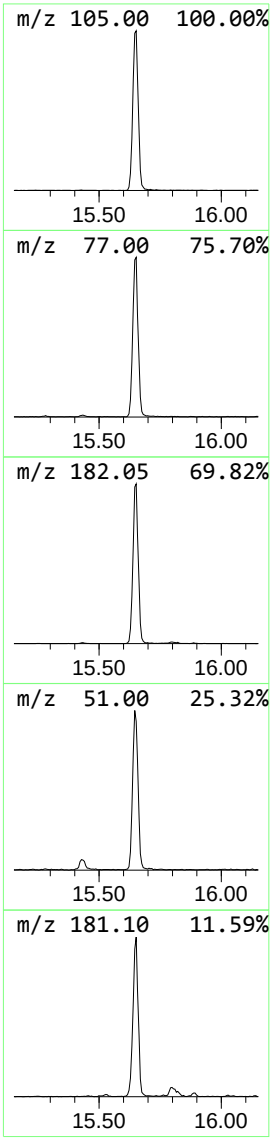
****

Peak Number 1 Benzophenone Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.651	11.23 ng/ul	622509	Acenaphthene-d10	14.269

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	Benzophenone	182	C13H10O	000119-61-9	96
3	Benzophenone	182	C13H10O	000119-61-9	95
4	Benzophenone	182	C13H10O	000119-61-9	87
5	1,2,4-Trioxolane, 3,3,5-triphenyl-	304	C20H16O3	023246-12-0	83





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102524\
Data File : BP022624.D
Acq On : 26 Oct 2024 00:03
Operator : RC/JU
Sample : P4436-19
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4F41

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

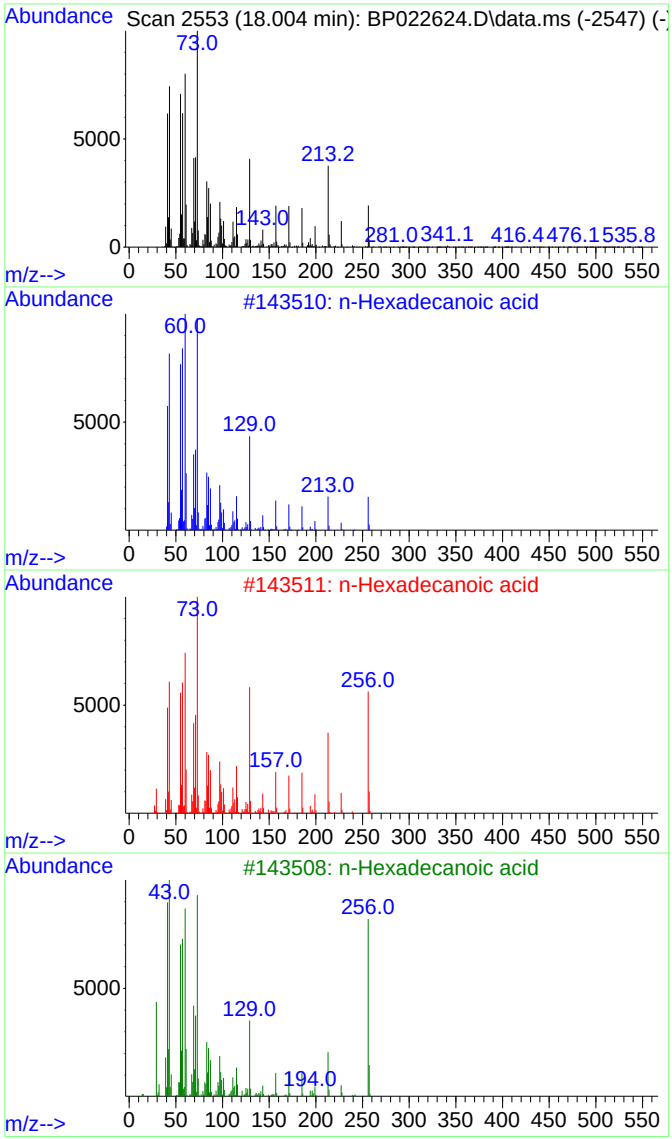
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

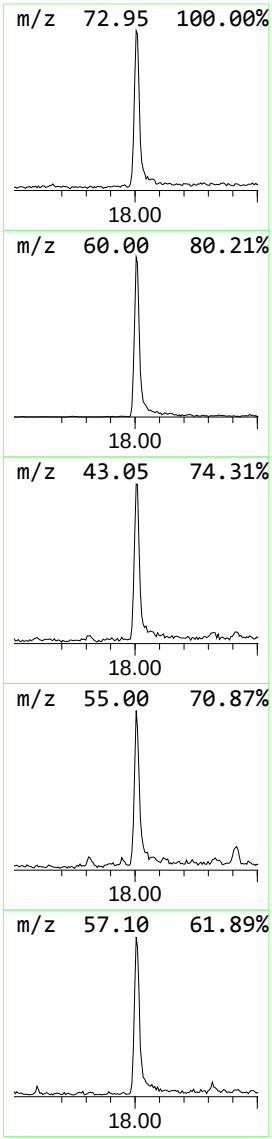
****

Peak Number 2 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.004	6.48 ng/ul	508312	Phenanthrene-d10	17.069

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	97
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
5	Tridecanoic acid	214	C13H26O2	000638-53-9	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102524\
Data File : BP022624.D
Acq On : 26 Oct 2024 00:03
Operator : RC/JU
Sample : P4436-19
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4F41

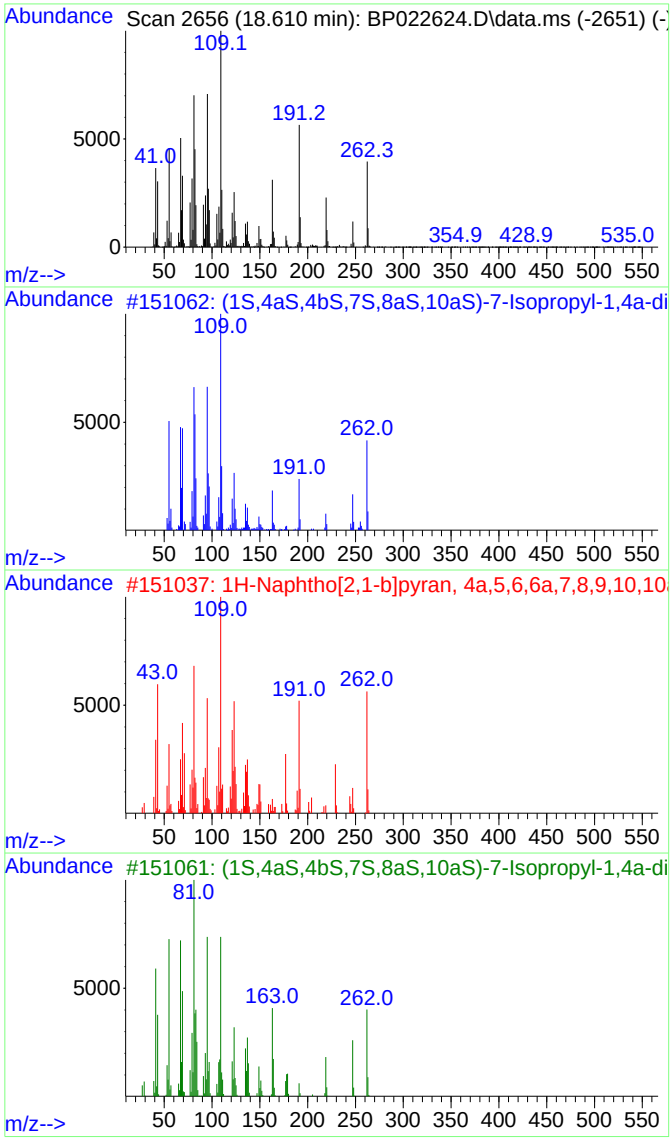
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION

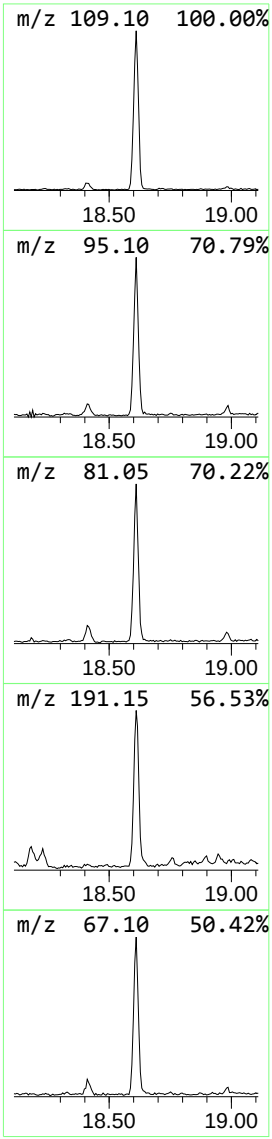
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 (1S,4aS,4bS,7S,8aS,10aS)-7-... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.610	9.72 ng/ul	762169	Phenanthrene-d10	17.069

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(1S,4aS,4bS,7S,8aS,10aS)-7-Isopr...	262	C19H34	002221-95-6	89
2	1H-Naphtho[2,1-b]pyran, 4a,5,6,6...	262	C18H30O	005153-92-4	43
3	(1S,4aS,4bS,7S,8aS,10aS)-7-Isopr...	262	C19H34	002221-95-6	43
4	2H-1,2,3-Triazole-4-carboxaldehy...	191	C9H6FN3O	051306-43-5	43
5	1-(1-Butyny)cyclopentanol	138	C9H14O	1000342-86-5	38





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

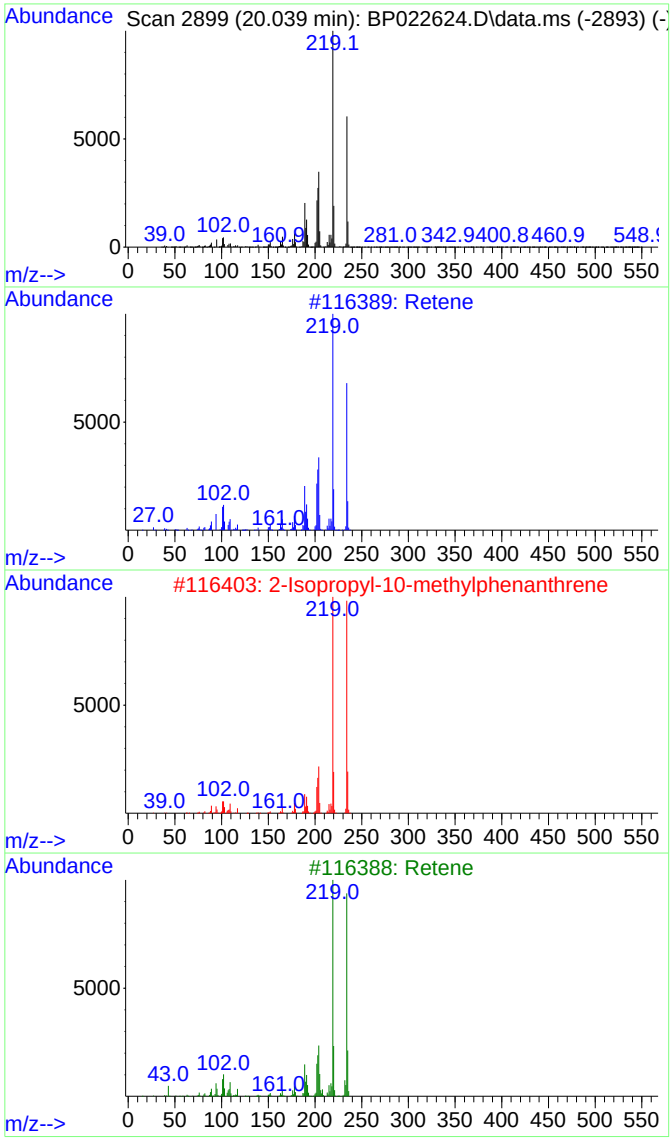
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

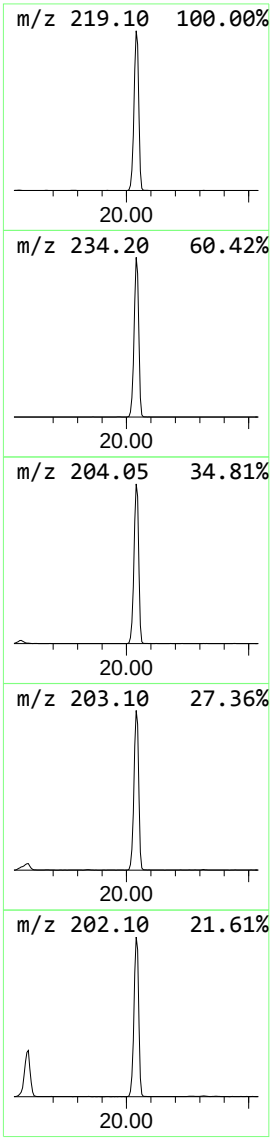
****

Peak Number 4 Retene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.039	110.70 ng/ul	12457800	Chrysene-d12	21.522

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Retene	234	C18H18	000483-65-8	98
2	2-Isopropyl-10-methylphenanthrene	234	C18H18	066552-97-4	95
3	Retene	234	C18H18	000483-65-8	94
4	Retene	234	C18H18	000483-65-8	87
5	Phenanthrene, 2,4,5,7-tetramethyl-	234	C18H18	007396-38-5	86





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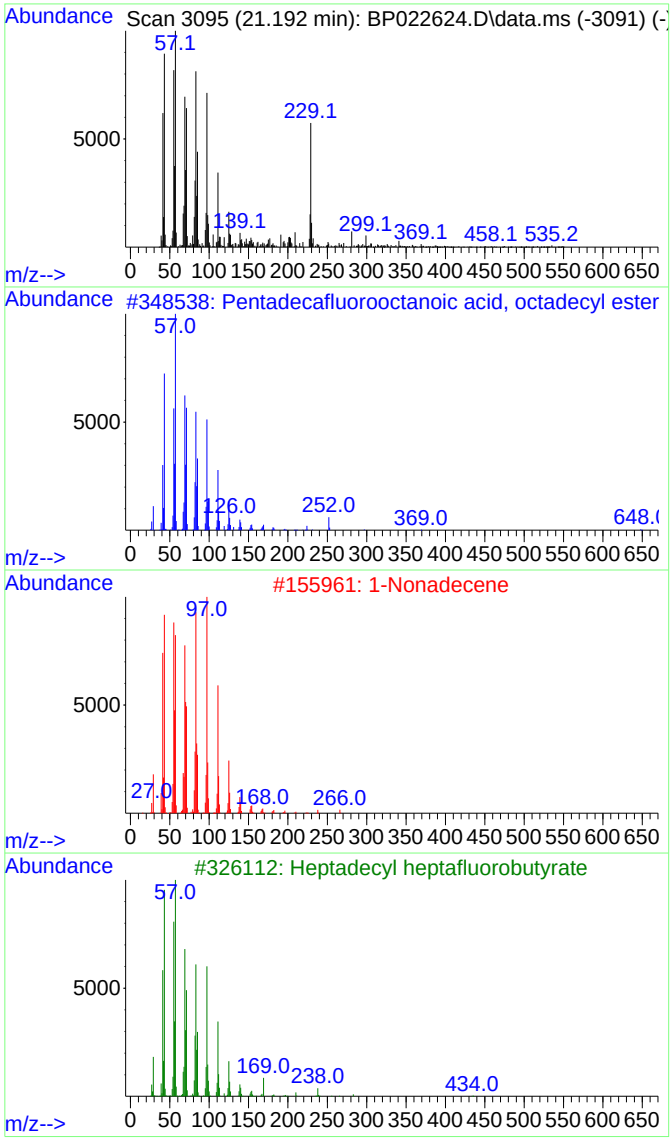
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION

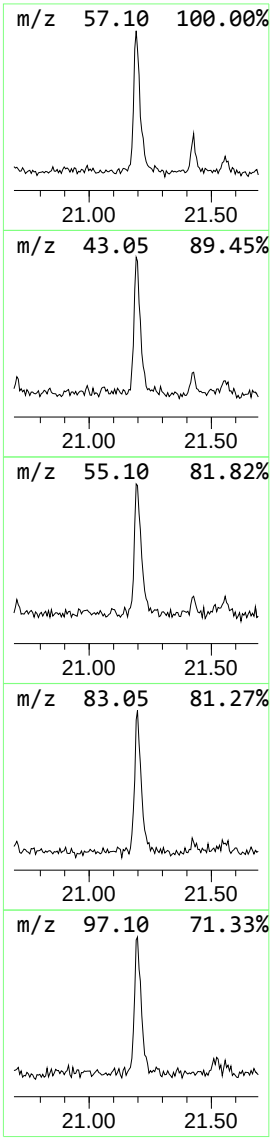
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Pentadecafluorooctanoic aci... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.192	2.49 ng/ul	280322	Chrysene-d12	21.522

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecafluorooctanoic acid, oc...	666	C26H37F15O2	1000406-04-8	90
2	1-Nonadecene	266	C19H38	018435-45-5	83
3	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	81
4	Nonadecyl pentafluoropropionate	430	C22H39F5O2	1000351-88-8	81
5	Nonadecyl trifluoroacetate	380	C21H39F3O2	1000351-76-3	81





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Data File : BP022624.D
Acq On : 26 Oct 2024 00:03
Operator : RC/JU
Sample : P4436-19
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4F41

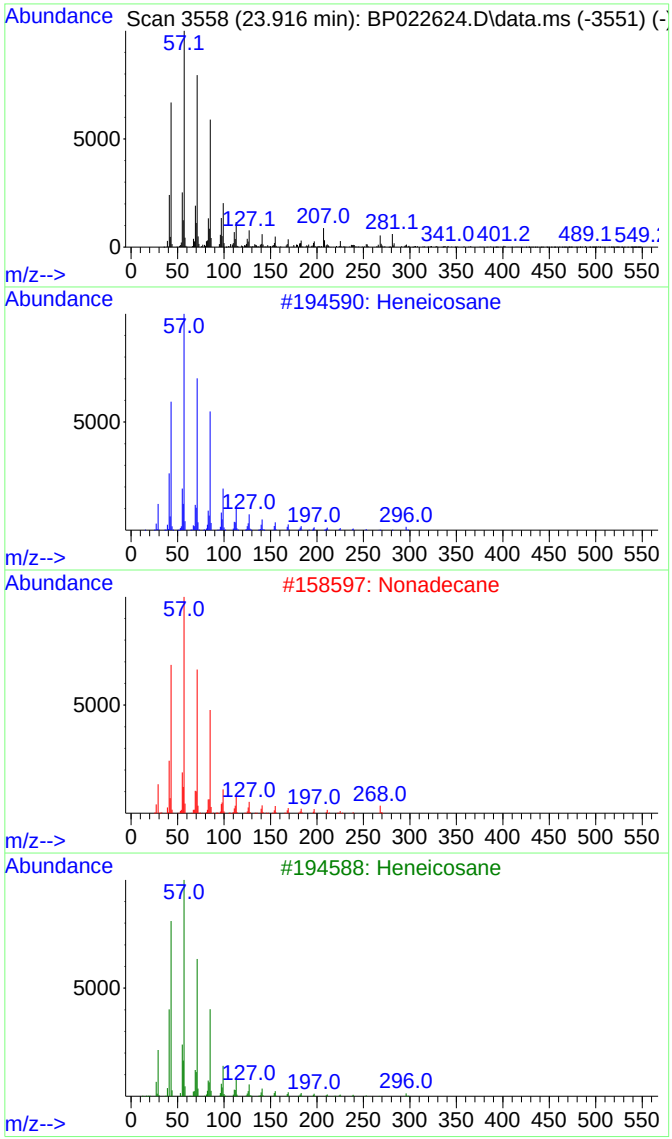
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION

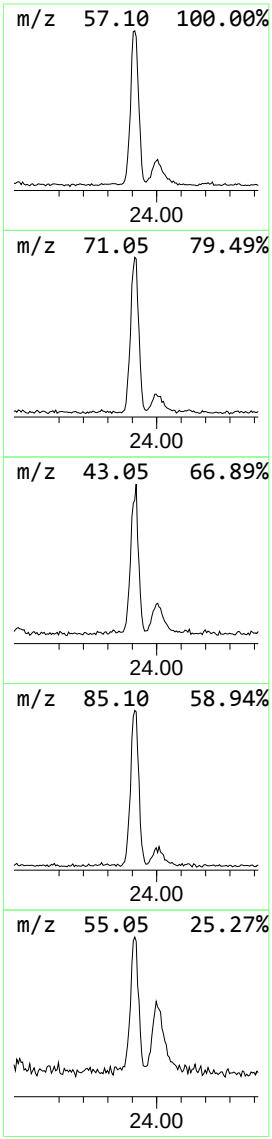
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.916	5.17 ng/ul	483428	Perylene-d12	24.780

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	96
2	Nonadecane	268	C19H40	000629-92-5	95
3	Heneicosane	296	C21H44	000629-94-7	95
4	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	93
5	Heptadecane	240	C17H36	000629-78-7	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102524\
Data File : BP022624.D
Acq On : 26 Oct 2024 00:03
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Sample : P4436-19
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4F41

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	15.651	11.2	ng/ul	622509	3	14.269	1109120	20.0
n-Hexadecanoic ...	18.004	6.5	ng/ul	508312	4	17.069	1568660	20.0
(1S,4aS,4bS,7S,...	18.610	9.7	ng/ul	762169	4	17.069	1568660	20.0
Retene	20.039	110.7	ng/ul	12457800	5	21.522	2250790	20.0
Pentadecafluoro...	21.192	2.5	ng/ul	280322	5	21.522	2250790	20.0
(DEL) Alkane: S...	23.916	5.2	ng/ul	483428	6	24.780	1869630	20.0