LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102524\
Data File : BP022644.D
Acq On : 26 Oct 2024 16:00
Operator : RC/JU
Sample : P4532-13
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
GCNX4

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: BP022644.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.181	30	33	37	rBV	15692	20090	0.54%	0.065%
2	3.217	37	39	47	rVB	13226	18158	0.49%	0.059%
3	3.605	101	105	122	rBV	53483	95754	2.59%	0.309%
4	3.911	152	157	162	rVB3	4042	6316	0.17%	0.020%
5	4.275	217	219	223	rBV3	3610	4930	0.13%	0.016%
6	5.493	422	426	430	rBV5	4267	5788	0.16%	0.019%
7	6.028	512	517	522	rBV3	14579	24783	0.67%	0.080%
8	6.063	522	523	531	rVB7	4080	4835	0.13%	0.016%
9	6.258	554	556	564	rVB8	3263	5957	0.16%	0.019%
10	6.422	577	584	587	rBV8	2410	4980	0.13%	0.016%
11	6.475	588	593	597	rVV4	7858	11856	0.32%	0.038%
12	6.522	597	601	605	rVB2	9443	14337	0.39%	0.046%
13	6.793	642	647	650	rBV2	3374	5107	0.14%	0.017%
14	6.846	650	656	669	rVV	87933	153634	4.15%	0.497%
15	6.987	672	680	692	rBV	223938	377543	10.21%	1.220%
16	7.193	708	715	725	rBV	290683	483583	13.07%	1.563%
17	7.646	784	792	802	rBV	279319	448760	12.13%	1.450%
18	8.357	905	913	927	rBV	238592	445659	12.05%	1.440%
19	8.610	951	956	963	rVB2	15311	26562	0.72%	0.086%
20	8.787	980	986	994	rBV	345783	548179	14.82%	1.772%
21	9.063	1002	1033	1037	rBV	726786	3253125	87.95%	10.514%
22	9.193	1051	1055	1062	rVB	12843	22607	0.61%	0.073%
23	9.351	1077	1082	1087	rVB8	3423	5706	0.15%	0.018%
24	9.504	1097	1108	1121	rBV	283442	511414	13.83%	1.653%
25	9.740	1136	1148	1164	rBV	143749	360588	9.75%	1.165%
26	10.040	1191	1199	1211	rBV	466309	798550	21.59%	2.581%
27	10.404	1252	1261	1269	rBV	366957	630690	17.05%	2.038%
28	10.546	1277	1285	1301	rBV	310202	572921	15.49%	1.852%
29	10.675	1304	1307	1312	rVB6	2696	4437	0.12%	0.014%
30	10.834	1328	1334	1338	rVB7	2884	5235	0.14%	0.017%
31	11.216	1394	1399	1408	rBV7	7294	18862	0.51%	0.061%
32	11.346	1413	1421	1431	rVB8	5291	16370	0.44%	0.053%
33	11.675	1472	1477	1484	rVB3	6777	10328	0.28%	0.033%
34	11.998	1525	1532	1538	rBV2	7909	13803	0.37%	0.045%
35	12.157	1551	1559	1564	rBV8	3518	8756	0.24%	0.028%
36	13.157	1721	1729	1736	rBV6	5460	11415	0.31%	0.037%

LSC Area Percent Report

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ClientSampleId :
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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	13.228	1736	1741	1747	rVV10	2629	5073	0.14%	0.016%
38	13.675	1810	1817	1832	rBV	986644	1346787	36.41%	4.353%
39	13.957	1855	1865	1873	rBV	999278	1443245	39.02%	4.664%
40	14.081	1881	1886	1898	rVB2	27348	41870	1.13%	0.135%
41	14.269	1910	1918	1926	rBV	639466	1000118	27.04%	3.232%
42	14.522	1954	1961	1969	rBV	86884	176877	4.78%	0.572%
43	14.581	1969	1971	1978	rVB2	12420	22820	0.62%	0.074%
44	14.710	1990	1993	1999	rVB8	3166	4742	0.13%	0.015%
45	15.022	2040	2046	2051	rBV3	15532	32580	0.88%	0.105%
46	15.275	2080	2089	2096	rBV	1412596	1983941	53.63%	6.412%
47	15.334	2096	2099	2105	rVV5	9114	13783	0.37%	0.045%
48	15.416	2106	2113	2127	rVV	512035	713978	19.30%	2.307%
49	15.522	2127	2131	2138	rVB4	7969	14062	0.38%	0.045%
50	15.651	2147	2153	2163	rVB	83957	136751	3.70%	0.442%
51	16.004	2209	2213	2220	rBV2	8893	16253	0.44%	0.053%
52	16.086	2223	2227	2231	rVB7	3017	4033	0.11%	0.013%
53	16.222	2245	2250	2256	rVB	20729	32086	0.87%	0.104%
54	16.469	2288	2292	2297	rBV8	3628	6408	0.17%	0.021%
55	16.533	2299	2303	2310	rVB8	3675	6596	0.18%	0.021%
56	16.663	2319	2325	2330	rBV3	12638	23557	0.64%	0.076%
57	16.745	2334	2339	2343	rVB8	3271	5979	0.16%	0.019%
58	16.833	2349	2354	2357	rBV7	2742	4685	0.13%	0.015%
59	17.069	2388	2394	2404	rBV	1020432	1388771	37.54%	4.488%
60	17.169	2404	2411	2425	rBV2	1655006	2507185	67.78%	8.103%
61	17.380	2443	2447	2452	rBV7	2273	4088	0.11%	0.013%
62	17.475	2460	2463	2469	rBV8	3024	3919	0.11%	0.013%
63	17.692	2497	2500	2505	rVB	8865	12373	0.33%	0.040%
64	18.010	2549	2554	2560	rBV	84076	114702	3.10%	0.371%
65	18.075	2563	2565	2570	rVB	8691	10317	0.28%	0.033%
66	18.886	2699	2703	2706	rVB5	11414	18887	0.51%	0.061%
67	19.110	2737	2741	2745	rVB	24302	29866	0.81%	0.097%
68	19.175	2749	2752	2756	rBV	26977	36694	0.99%	0.119%
69	19.222	2756	2760	2769	rVB2	97059	140283	3.79%	0.453%
70	19.345	2777	2781	2787	rBV2	56931	81479	2.20%	0.263%
71	19.557	2811	2817	2826	rBV	2484985	3195591	86.39%	10.328%
72	21.510	3143	3149	3163	rVB2	982946	1811547	48.97%	5.855%
73	24.551	3657	3666	3679	rVB	1521981	3699017	100.00%	11.955%
74	24.780	3696	3705	3716	rVB	669152	1899152	51.34%	6.138%

Sum of corrected areas: 30941713

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ClientSampleId :
GCNX4

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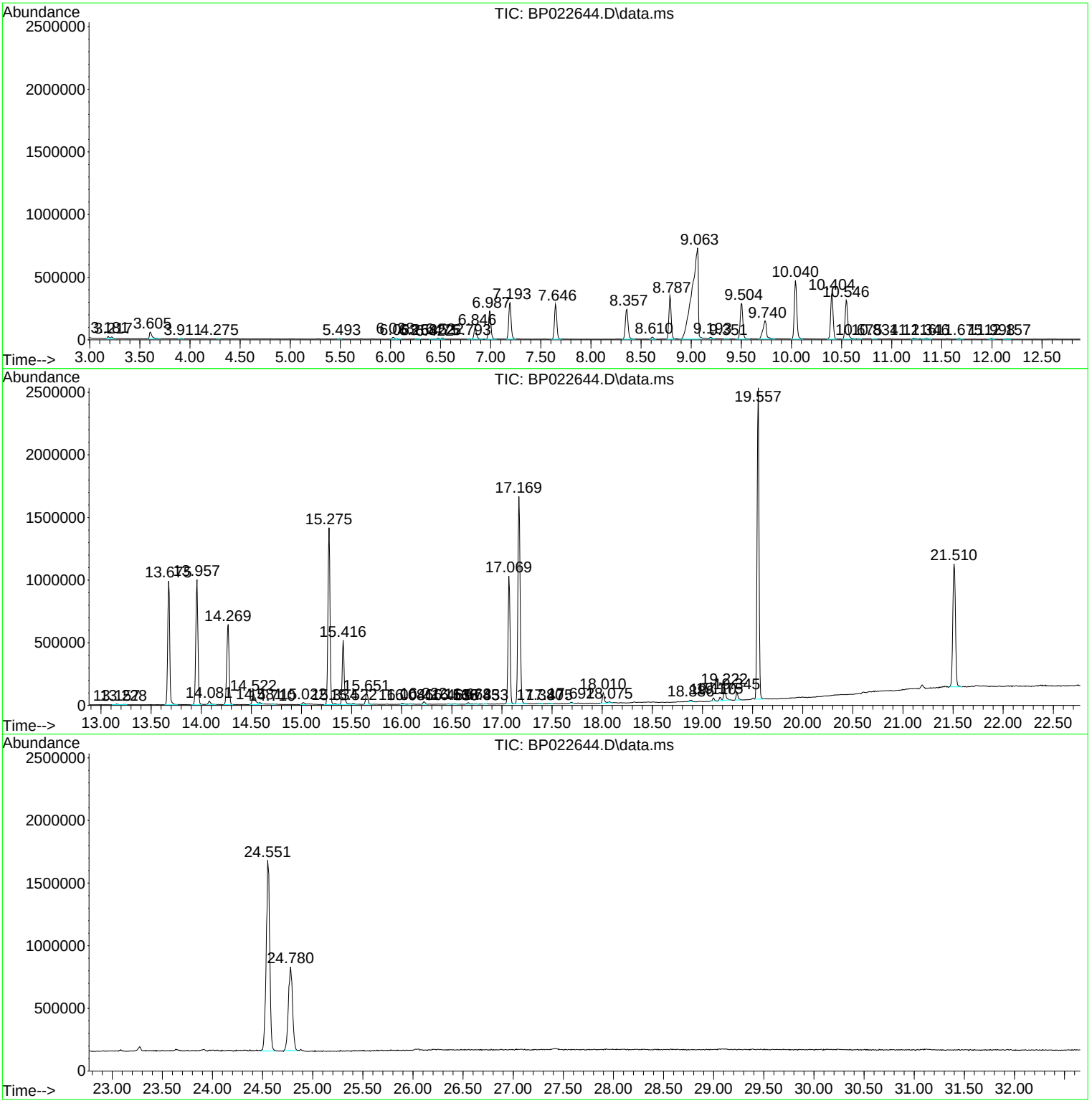
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
GCNX4

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 : BP022644.D
Acq On : 26 Oct 2024 16:00
Operator : RC/JU
Sample : P4532-13
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
GCNX4

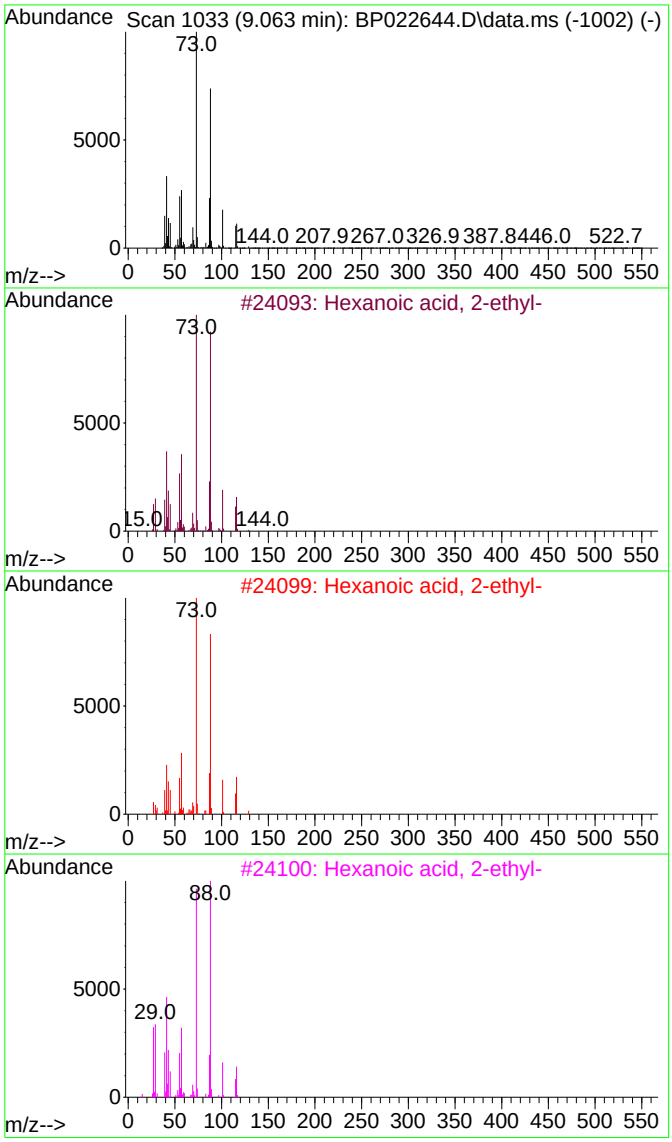
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION

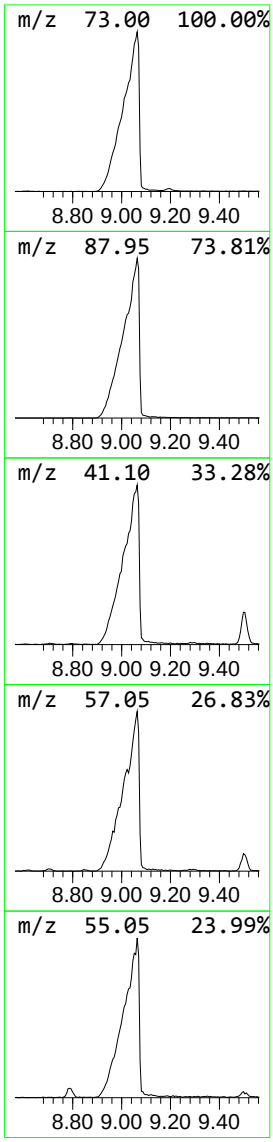
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Hexanoic acid, 2-ethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.063	103.16 ng/ul	3253130	Naphthalene-d8	10.404

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	90
2	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	86
3	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	86
4	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	78
5	Butanoic acid, 2-ethyl-, 1,2,3-p...	386	C21H38O6	056554-54-2	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102524\
Data File : BP022644.D
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Sample : P4532-13
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
GCNX4

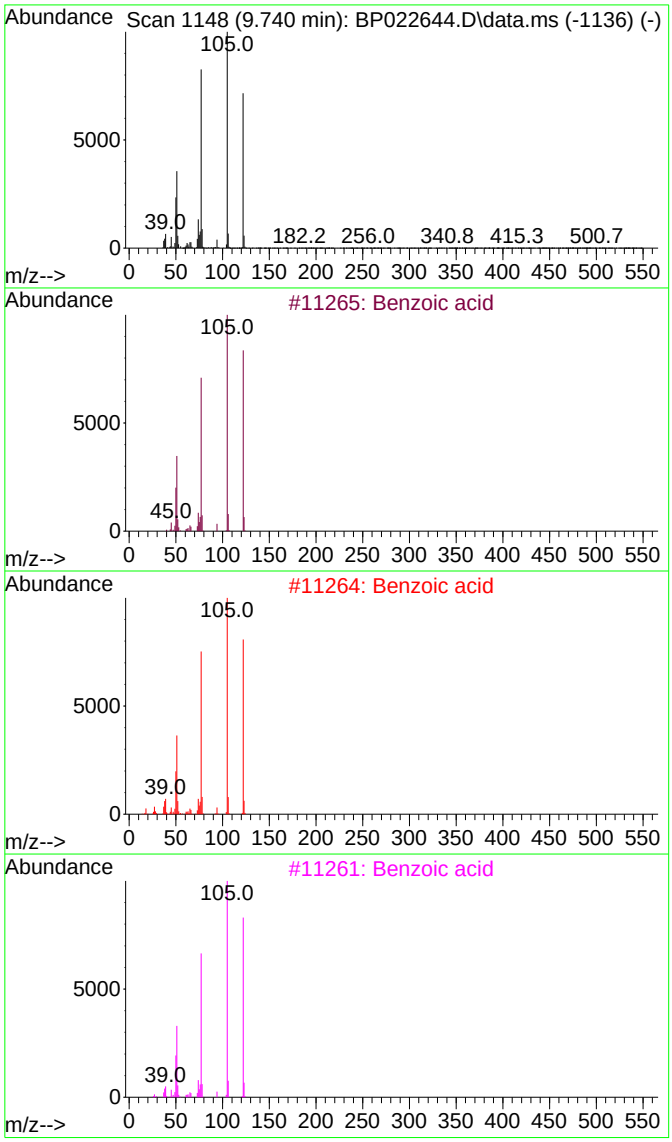
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION

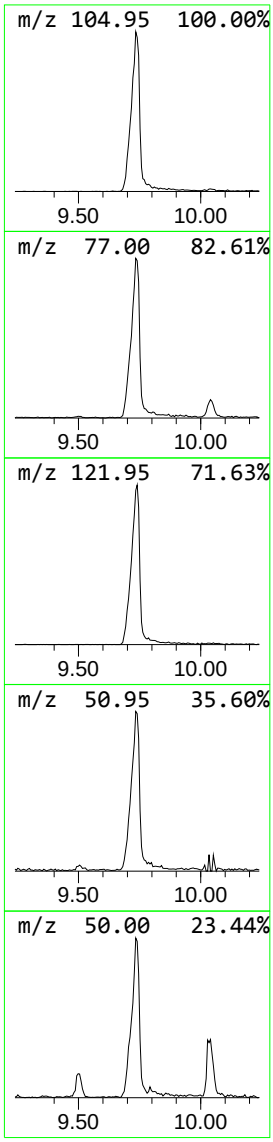
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Benzoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.740	11.43 ng/ul	360588	Naphthalene-d8	10.404

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzoic acid	122	C7H6O2	000065-85-0	97
2	Benzoic acid	122	C7H6O2	000065-85-0	94
3	Benzoic acid	122	C7H6O2	000065-85-0	94
4	Benzoic acid	122	C7H6O2	000065-85-0	90
5	Benzoic acid, silver(1+) salt	228	C7H5AgO2	000532-31-0	90





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Data File : BP022644.D
Acq On : 26 Oct 2024 16:00
Operator : RC/JU
Sample : P4532-13
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
GCNX4

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

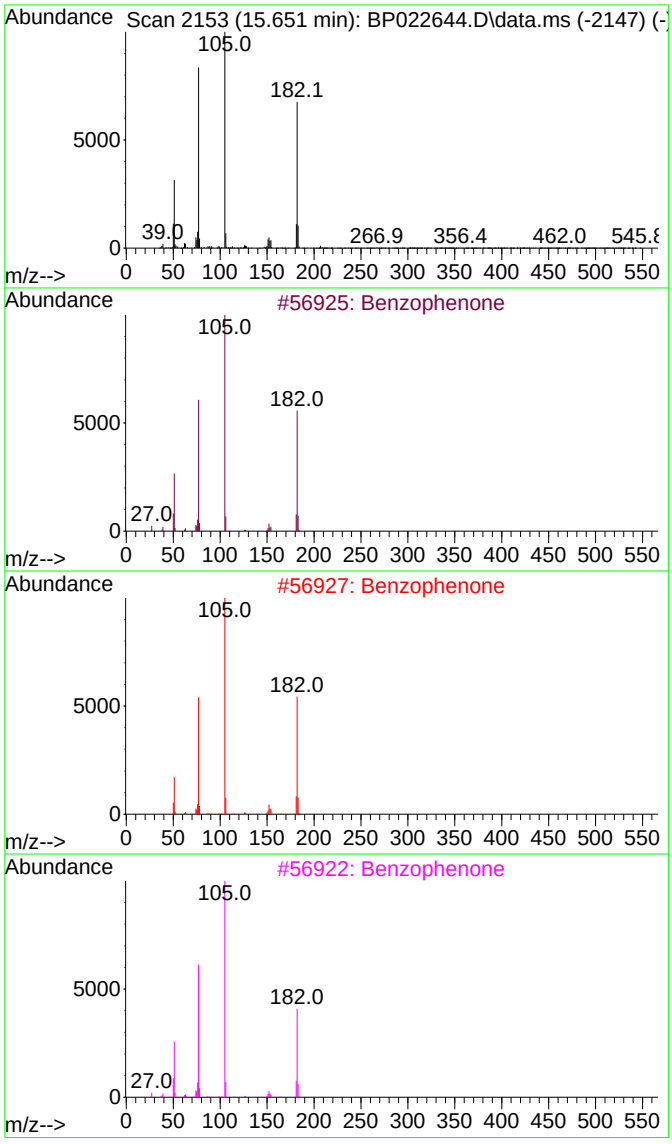
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

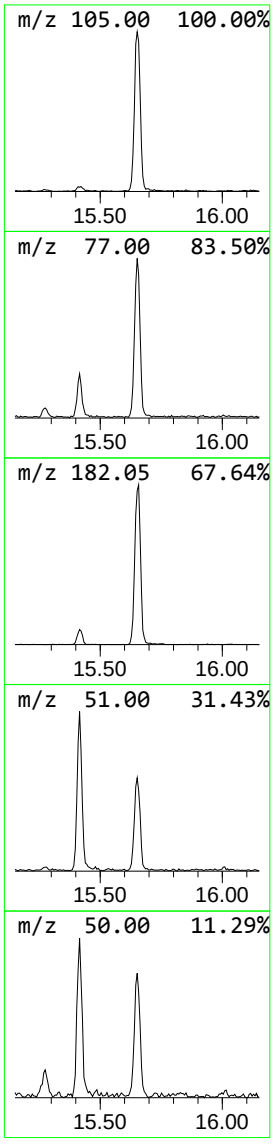
****

Peak Number 3 Benzophenone Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.651	2.73 ng/ul	136751	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	95
3	Benzophenone	182	C13H10O	000119-61-9	94
4	Benzophenone	182	C13H10O	000119-61-9	90
5	1,2,4-Trioxolane, 3,3,5-triphenyl-	304	C20H16O3	023246-12-0	83





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Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
GCNX4

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

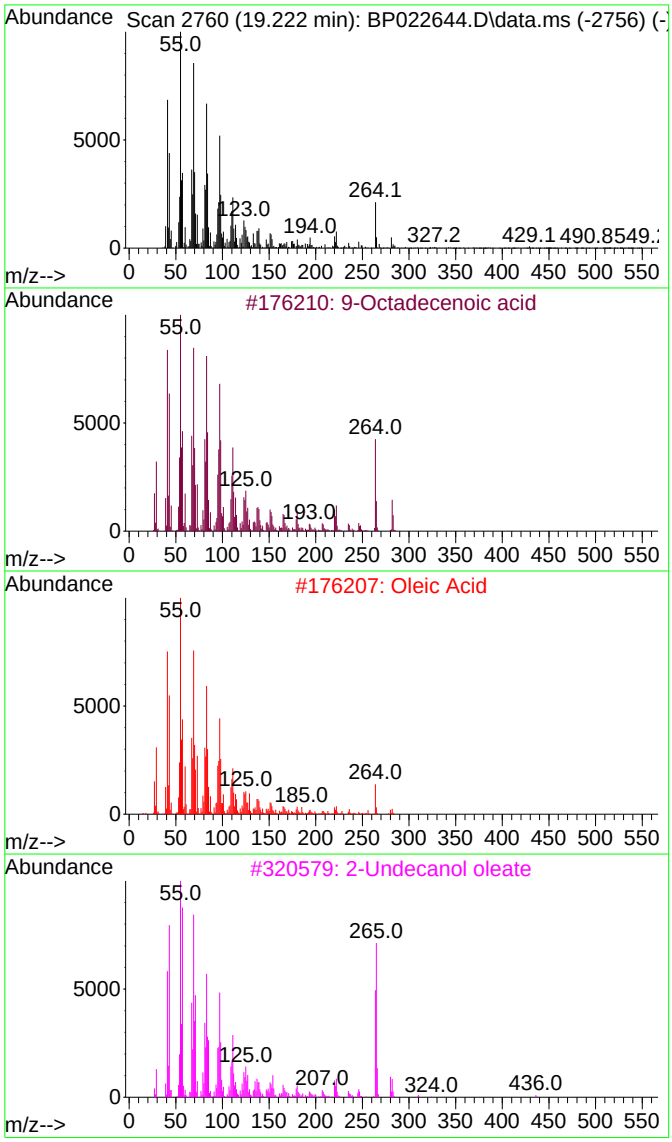
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

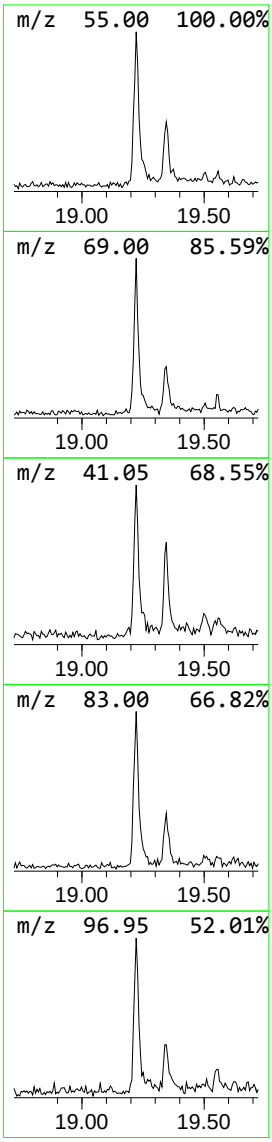
****

Peak Number 4 9-Octadecenoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.222	2.02 ng/ul	140283	Phenanthrene-d10	17.069

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenoic acid	282	C18H34O2	002027-47-6	91
2	Oleic Acid	282	C18H34O2	000112-80-1	91
3	2-Undecanol oleate	436	C29H56O2	1000465-66-9	80
4	Cyclotetradecane	196	C14H28	000295-17-0	72
5	Oleic Acid	282	C18H34O2	000112-80-1	70





Tentatively Identified Compound (LSC) summary

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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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Hexanoic acid, ...	9.063	103.2	ng/ul	3253130	2	10.404	630690	20.0
Benzoic acid	9.740	11.4	ng/ul	360588	2	10.404	630690	20.0
Benzophenone	15.651	2.7	ng/ul	136751	3	14.269	1000120	20.0
9-Octadecenoic ...	19.222	2.0	ng/ul	140283	4	17.069	1388770	20.0