LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122324\
Data File : BP023570.D
Acq On : 23 Dec 2024 19:45
Operator : RC/JU
Sample : P5302-17
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : E2AQ0

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: BP023570.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.081	12	16	24	rVB	30793	39407	1.31%	0.123%
2	3.505	84	88	112	rBV	216069	432980	14.44%	1.354%
3	3.799	134	138	145	rVB	12831	18099	0.60%	0.057%
4	4.252	210	215	216	rBV5	2524	3641	0.12%	0.011%
5	4.311	222	225	229	rVB6	6038	7558	0.25%	0.024%
6	6.663	619	625	629	rVV8	4800	9525	0.32%	0.030%
7	6.746	632	639	656	rBV	302113	707562	23.59%	2.213%
8	6.875	656	661	672	rVB	322379	529212	17.65%	1.655%
9	7.075	689	695	714	rBV	384241	677937	22.60%	2.120%
10	7.522	764	771	780	rBV	425324	732118	24.41%	2.290%
11	8.252	887	895	913	rBV	405135	859694	28.66%	2.689%
12	8.675	960	967	986	rBV	350898	666902	22.24%	2.086%
13	9.052	1025	1031	1036	rVB8	5788	11408	0.38%	0.036%
14	9.246	1058	1064	1069	rBV3	15166	30271	1.01%	0.095%
15	9.387	1081	1088	1107	rBV	277898	566646	18.89%	1.772%
16	9.940	1175	1182	1206	rBV	353573	880007	29.34%	2.752%
17	10.275	1227	1239	1254	rBV	554965	978346	32.62%	3.060%
18	10.434	1259	1266	1290	rBV	308839	811445	27.06%	2.538%
19	10.846	1334	1336	1337	rBV2	4571	3837	0.13%	0.012%
20	11.528	1446	1452	1454	rBV7	2455	5200	0.17%	0.016%
21	11.687	1473	1479	1483	rBV7	4211	7212	0.24%	0.023%
22	11.881	1507	1512	1518	rBV4	7188	14647	0.49%	0.046%
23	12.445	1603	1608	1609	rBV5	3414	4737	0.16%	0.015%
24	12.734	1652	1657	1660	rBV7	3210	4103	0.14%	0.013%
25	12.945	1688	1693	1698	rBV5	8641	16924	0.56%	0.053%
26	13.098	1715	1719	1720	rVV4	2985	4074	0.14%	0.013%
27	13.128	1720	1724	1728	rVV	12262	21636	0.72%	0.068%
28	13.351	1758	1762	1764	rBV5	2343	3134	0.10%	0.010%
29	13.516	1787	1790	1792	rVV4	5918	7067	0.24%	0.022%
30	13.563	1792	1798	1819	rVB	971720	1385958	46.21%	4.334%
31	13.840	1835	1845	1861	rBV	993107	1587883	52.94%	4.966%
32	14.040	1873	1879	1890	rBV4	25312	65068	2.17%	0.203%
33	14.145	1890	1897	1906	rVV	902755	1360466	45.36%	4.255%
34	14.475	1947	1953	1972	rBV2	116159	539389	17.98%	1.687%
35	15.004	2039	2043	2049	rVB4	11223	20997	0.70%	0.066%
36	15.163	2063	2070	2082	rBV	1239018	2022020	67.42%	6.324%

LSC Area Percent Report

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Sample : P5302-17
Misc :
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Instrument :
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ClientSampleId :
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Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
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Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112624.MA.M
Title : SVOA CALIBRATION

37	15.339	2095	2100	2110	rBV	239210	448837	14.97%	1.404%
38	15.545	2129	2135	2146	rVB	132598	215489	7.18%	0.674%
39	15.904	2192	2196	2205	rVB8	10697	26274	0.88%	0.082%
40	16.116	2229	2232	2238	rVB6	5499	10515	0.35%	0.033%
41	16.722	2330	2335	2338	rBV4	10795	17239	0.57%	0.054%
42	16.763	2338	2342	2346	rVV6	7339	12728	0.42%	0.040%
43	16.875	2359	2361	2364	rBV4	3510	3501	0.12%	0.011%
44	16.963	2369	2376	2385	rBV	1129328	1680272	56.02%	5.255%
45	17.063	2387	2393	2407	rBV2	1218382	2220205	74.03%	6.943%
46	17.192	2412	2415	2421	rVB8	13247	22792	0.76%	0.071%
47	17.381	2442	2447	2454	rBV8	7501	18099	0.60%	0.057%
48	17.475	2460	2463	2468	rBV3	11355	12515	0.42%	0.039%
49	17.898	2529	2535	2550	rBV2	267264	541734	18.06%	1.694%
50	18.192	2582	2585	2590	rBV7	13206	17533	0.58%	0.055%
51	18.339	2608	2610	2616	rVB7	16951	18613	0.62%	0.058%
52	18.992	2718	2721	2725	rBV5	21883	25845	0.86%	0.081%
53	19.069	2732	2734	2738	rBV	13734	20333	0.68%	0.064%
54	19.233	2758	2762	2776	rVB4	97188	172434	5.75%	0.539%
55	19.386	2786	2788	2793	rBV6	20346	32446	1.08%	0.101%
56	19.451	2793	2799	2807	rVV	1783509	2748288	91.63%	8.595%
57	19.533	2809	2813	2824	rVB	99684	210746	7.03%	0.659%
58	20.433	2962	2966	2972	rVB	292486	363157	12.11%	1.136%
59	21.063	3069	3073	3082	rVB	227789	382388	12.75%	1.196%
60	21.392	3124	3129	3143	rBV	1367314	2167903	72.28%	6.780%
61	24.351	3625	3632	3644	rVB	1085540	2999185	100.00%	9.380%
62	24.580	3662	3671	3685	rVB	835100	2549146	84.99%	7.972%

Sum of corrected areas: 31975327

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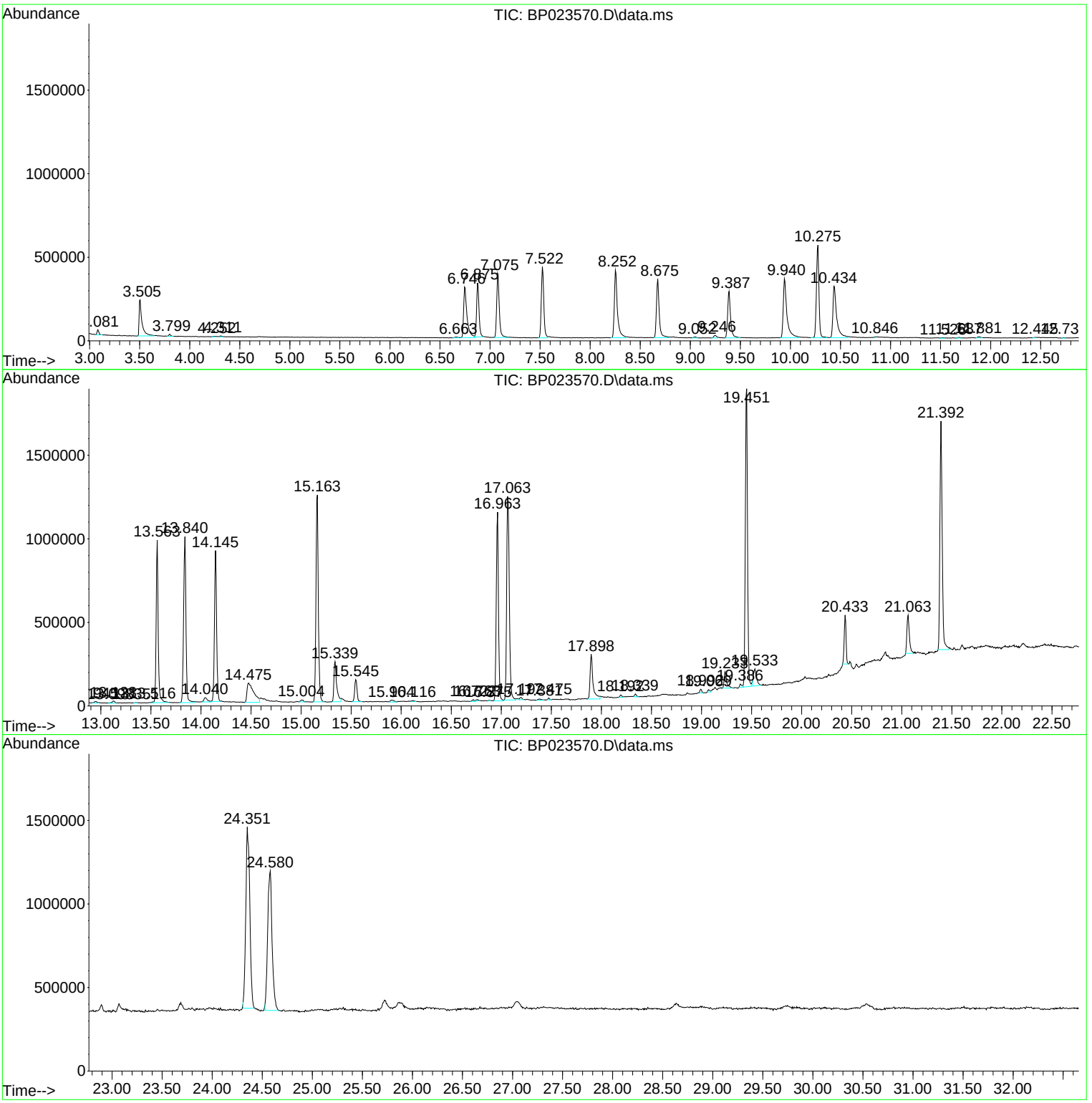
Instrument :
BNA_P
ClientSampleId :
E2AQ0

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



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Operator : RC/JU
Sample : P5302-17
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ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E2AQ0

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

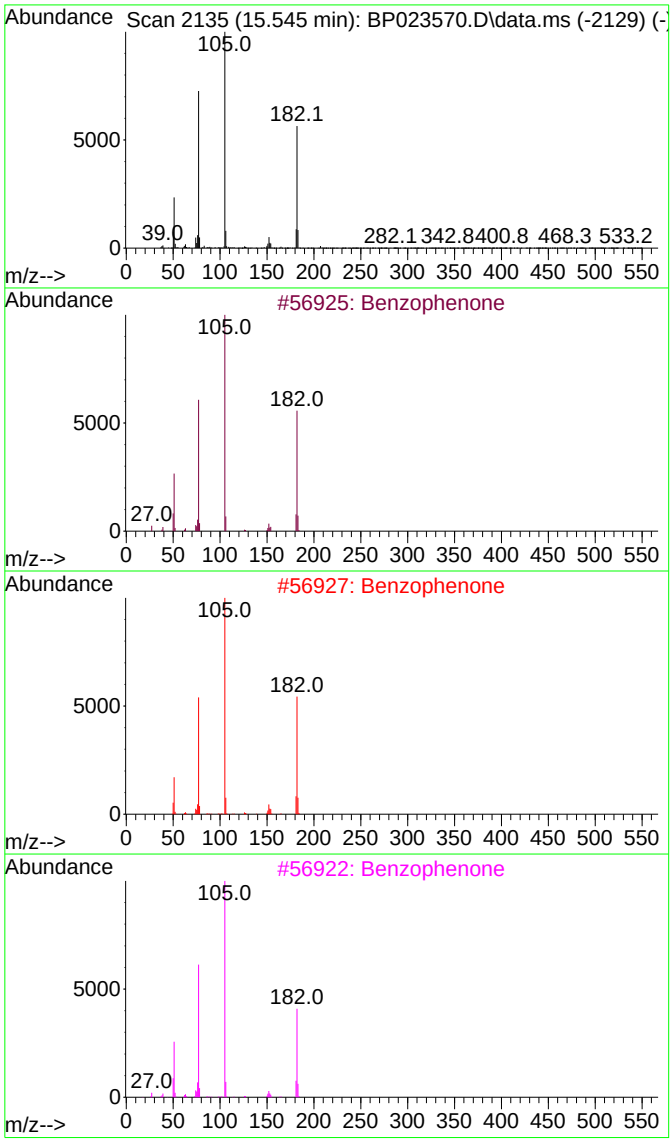
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

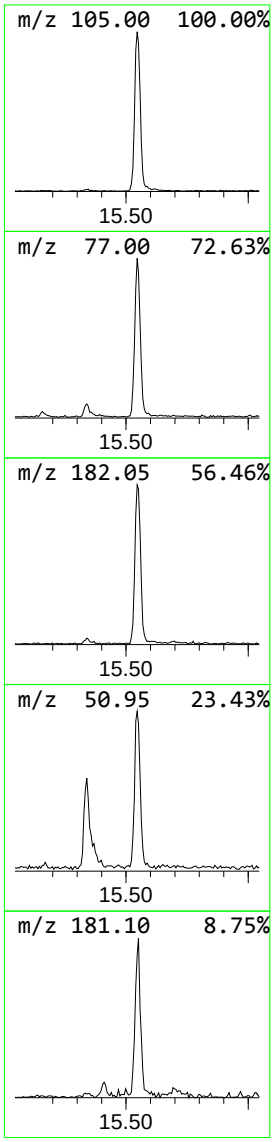
****

Peak Number 1 Benzophenone Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.545	3.17 ng/ul	215489	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	91
4	Benzophenone	182	C13H10O	000119-61-9	91
5	1,2,4,5-Tetroxane, 3,3,6,6-tetra...	396	C26H20O4	016204-36-7	78





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ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E2AQ0

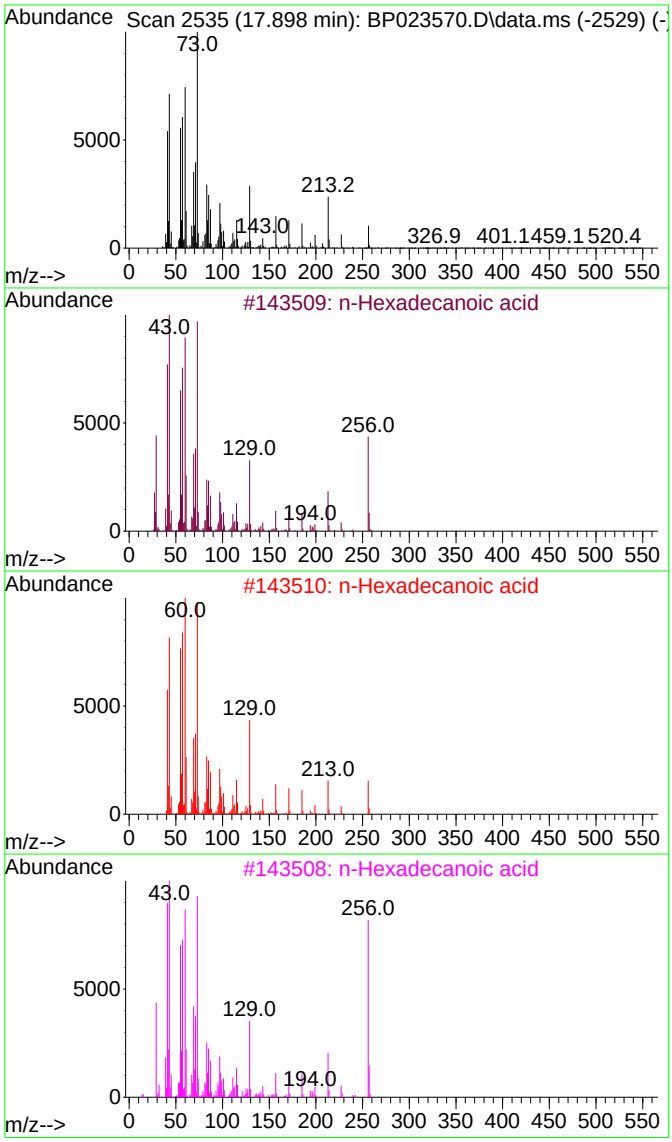
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112624.MA.M
Quant Title : SVOA CALIBRATION

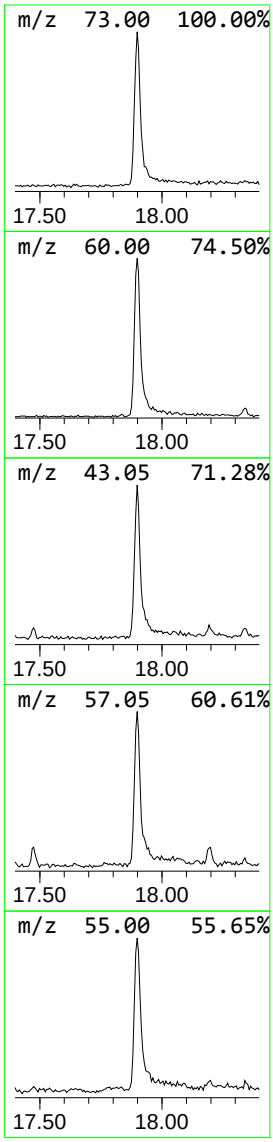
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.898	6.45 ng/ul	541734	Phenanthrene-d10	16.963

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91
5	Tridecanoic acid	214	C13H26O2	000638-53-9	86





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Acq On : 23 Dec 2024 19:45
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Sample : P5302-17
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E2AQ0

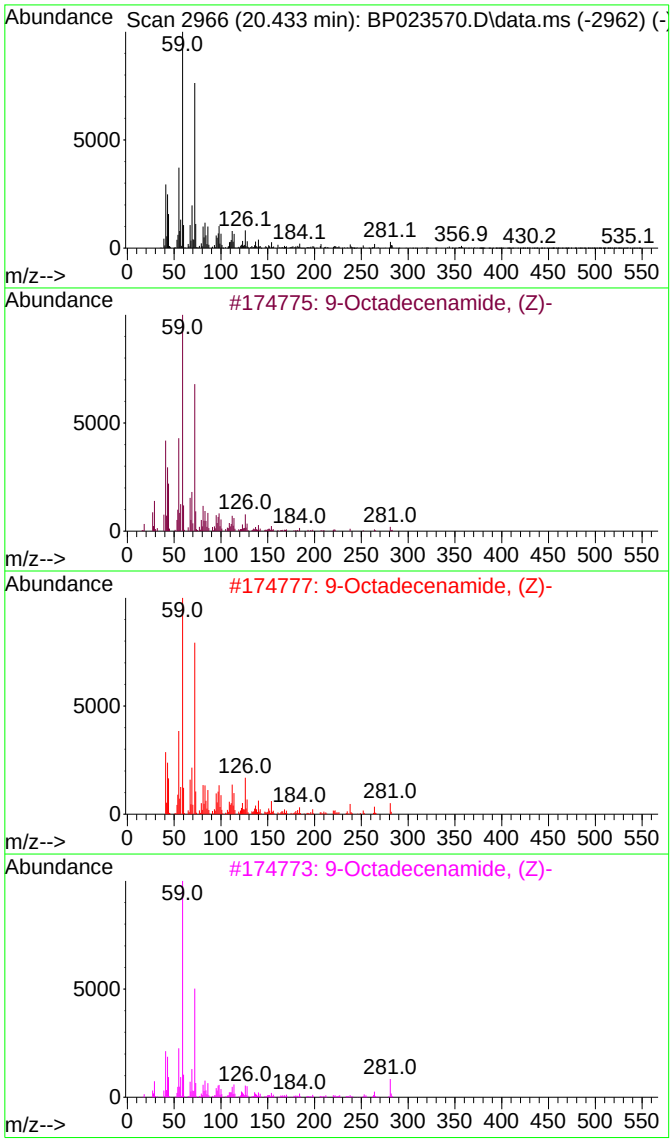
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112624.MA.M
Quant Title : SVOA CALIBRATION

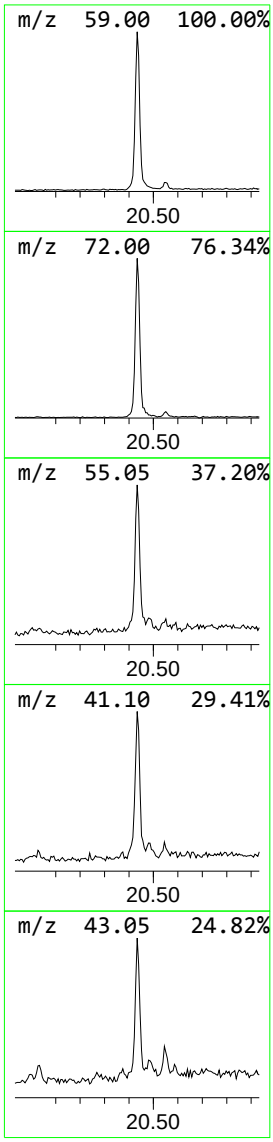
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 9-Octadecenamide, (Z)- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.433	3.35 ng/ul	363157	Chrysene-d12	21.392

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	98
2	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	96
3	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	91
4	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	89
5	9-Octadecenamide, 12-hydroxy-, [...	297	C18H35NO2	035732-94-6	64





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Acq On : 23 Dec 2024 19:45
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Sample : P5302-17
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E2AQ0

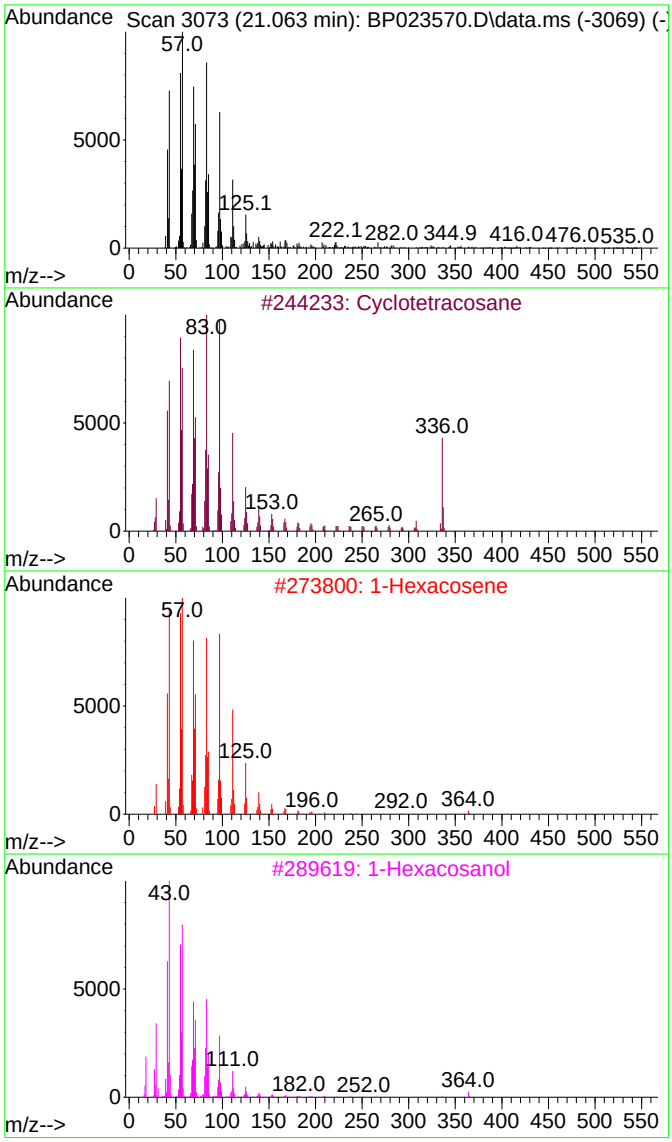
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112624.MA.M
Quant Title : SVOA CALIBRATION

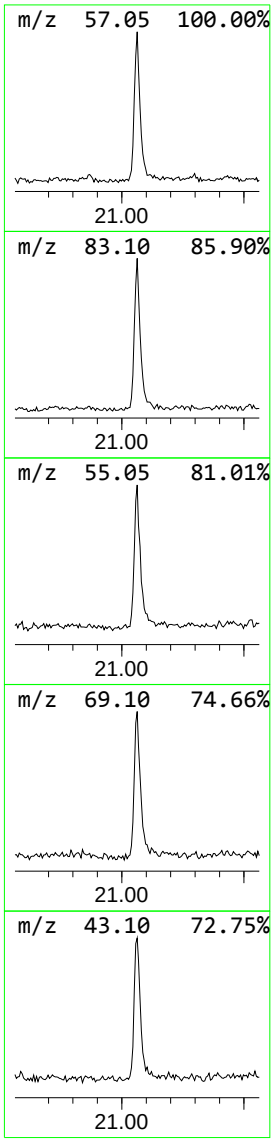
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 (DEL) Alkane: Cyclic21.063 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.063	3.53 ng/ul	382388	Chrysene-d12	21.392

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetracosane	336	C24H48	000297-03-0	96
2	1-Hexacosene	364	C26H52	018835-33-1	94
3	1-Hexacosanol	382	C26H54O	000506-52-5	91
4	1-Hexacosanol	382	C26H54O	000506-52-5	91
5	1-Heneicosyl formate	340	C22H44O2	077899-03-7	91





Tentatively Identified Compound (LSC) summary

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ALS Vial : 11 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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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	3.2	ng/ul	215489	3	14.145	1360470	20.0
n-Hexadecanoic ...	17.898	6.5	ng/ul	541734	4	16.963	1680270	20.0
9-Octadecenamid...	20.433	3.4	ng/ul	363157	5	21.392	2167900	20.0
(DEL) Alkane: C...	21.063	3.5	ng/ul	382388	5	21.392	2167900	20.0