LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071023\
Data File : BP016172.D
Acq On : 11 Jul 2023 00:20
Operator : MA/JU
Sample : 03404-13
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
YBW49

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-BP062623.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BP016172.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.340	23	26	35	rVB	42146	68797	1.17%	0.128%
2	3.805	103	105	128	rBV	181343	507778	8.63%	0.944%
3	6.293	526	528	533	rVB6	5001	6556	0.11%	0.012%
4	7.228	681	687	703	rBV	291377	1097851	18.66%	2.041%
5	7.358	703	709	717	rBV	289575	623782	10.60%	1.159%
6	7.563	738	744	771	rVB	431255	1172490	19.93%	2.179%
7	8.022	815	822	849	rBV	327283	1108729	18.84%	2.061%
8	8.787	943	952	988	rBV	312072	1567310	26.64%	2.913%
9	9.234	1021	1028	1062	rBV	362189	1285526	21.85%	2.389%
10	9.516	1072	1076	1083	rVB10	9192	18697	0.32%	0.035%
11	9.975	1145	1154	1185	rBV2	204062	1093255	18.58%	2.032%
12	10.581	1249	1257	1274	rBV2	259243	1229858	20.90%	2.286%
13	10.851	1295	1303	1329	rVB	588679	1776378	30.19%	3.302%
14	11.081	1334	1342	1381	rBV3	171209	1033456	17.57%	1.921%
15	12.534	1580	1589	1593	rVV10	7411	19429	0.33%	0.036%
16	13.487	1745	1751	1752	rBV6	5099	7980	0.14%	0.015%
17	13.557	1755	1763	1769	rVV4	13914	34260	0.58%	0.064%
18	13.681	1779	1784	1785	rBV5	4264	7018	0.12%	0.013%
19	14.004	1837	1839	1845	rVB7	3772	6241	0.11%	0.012%
20	14.092	1847	1854	1883	rBV	1122873	2870910	48.80%	5.336%
21	14.363	1893	1900	1928	rBV	1732169	3372499	57.32%	6.268%
22	14.540	1928	1930	1940	rVB10	11884	23483	0.40%	0.044%
23	14.669	1945	1952	1976	rBV	1341363	2465177	41.90%	4.582%
24	15.081	2013	2022	2035	rBV7	85345	514045	8.74%	0.955%
25	15.498	2090	2093	2100	rVB6	11199	20699	0.35%	0.038%
26	15.563	2100	2104	2108	rVB7	4980	8326	0.14%	0.015%
27	15.681	2116	2124	2148	rBV	1739270	4363389	74.16%	8.110%
28	15.898	2154	2161	2183	rBV4	140372	792170	13.46%	1.472%
29	16.063	2183	2189	2209	rVB	335099	636122	10.81%	1.182%
30	16.316	2230	2232	2236	rVB5	7739	6787	0.12%	0.013%
31	16.610	2277	2282	2287	rBV9	7747	11218	0.19%	0.021%
32	16.745	2302	2305	2310	rVB7	4518	6481	0.11%	0.012%
33	16.916	2330	2334	2336	rVB5	6050	6991	0.12%	0.013%
34	17.092	2359	2364	2365	rBV5	8221	10309	0.18%	0.019%
35	17.433	2415	2422	2434	rBV	1868399	2994020	50.89%	5.565%
36	17.545	2434	2441	2469	rVB2	1607764	4710972	80.07%	8.756%

LSC Area Percent Report

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Misc :
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Instrument :
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YBW49

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-BP062623.MA.M
Title : SVOA CALIBRATION

37	17.957	2507	2511	2514	rBV5	5640	11108	0.19%	0.021%
38	18.286	2562	2567	2580	rBV	173296	421616	7.17%	0.784%
39	19.351	2744	2748	2751	rBV3	39836	56888	0.97%	0.106%
40	19.516	2772	2776	2782	rBV3	72189	130330	2.22%	0.242%
41	19.769	2813	2819	2848	rBV	2604125	5883579	100.00%	10.935%
42	20.227	2894	2897	2901	rBV	51244	64510	1.10%	0.120%
43	20.710	2977	2979	2983	rVB	63980	60795	1.03%	0.113%
44	21.163	3054	3056	3059	rBV	90127	89662	1.52%	0.167%
45	21.216	3059	3065	3078	rVV5	272594	842494	14.32%	1.566%
46	21.545	3116	3121	3130	rBV2	1297187	3044921	51.75%	5.659%
47	23.827	3505	3509	3513	rBV	195081	287527	4.89%	0.534%
48	23.898	3514	3521	3539	rVV2	1835652	4637351	78.82%	8.619%
49	24.074	3545	3551	3571	rVB	831237	2792950	47.47%	5.191%

Sum of corrected areas: 53802720

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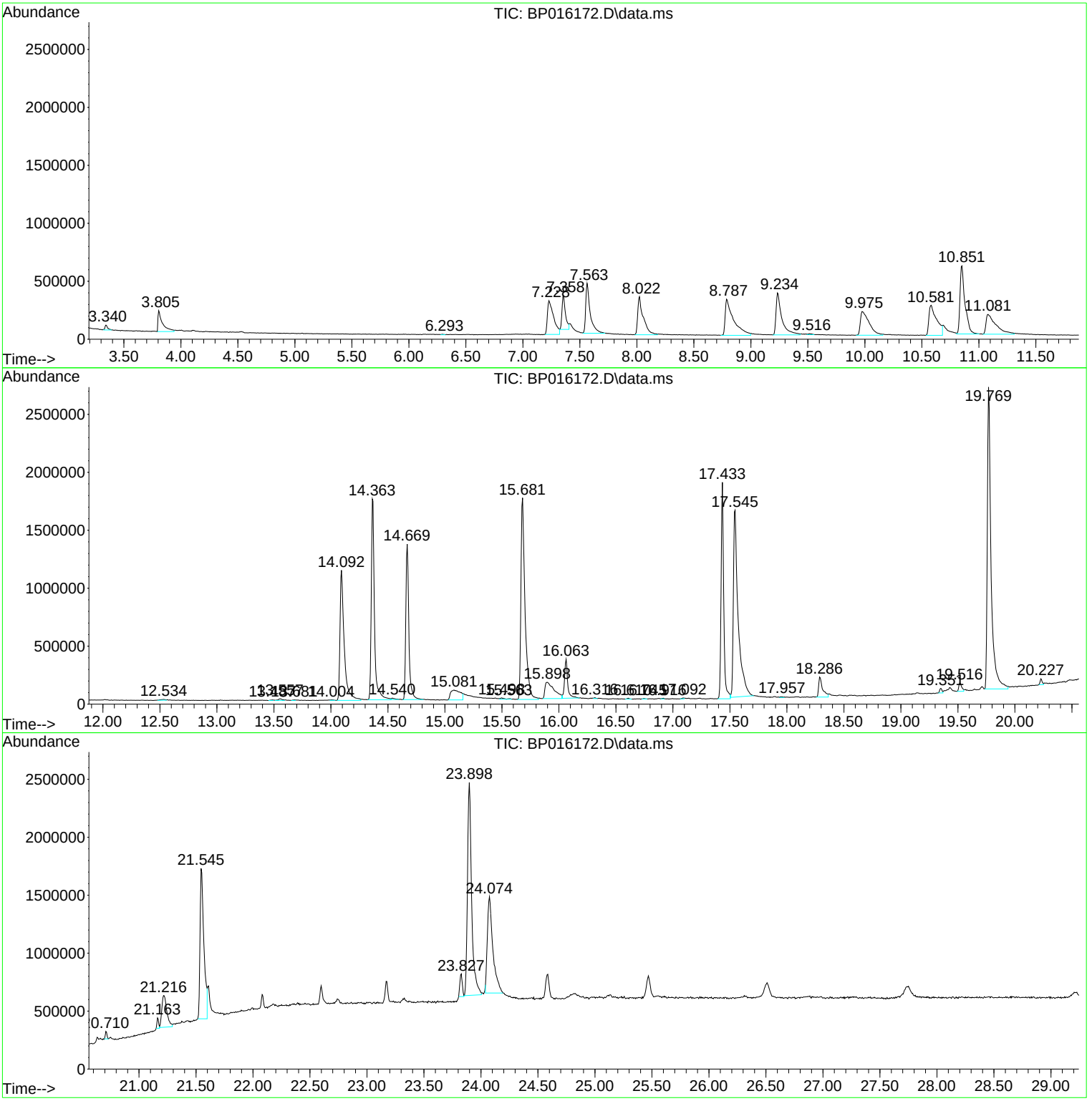
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION

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



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Quant Title : SVOA CALIBRATION

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

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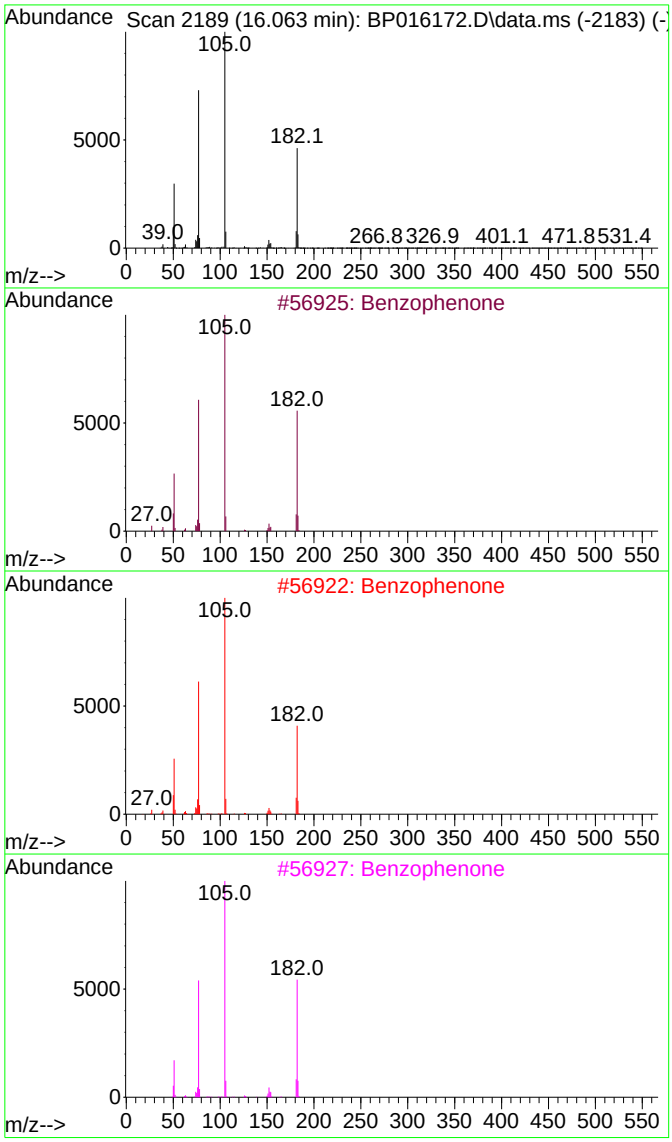
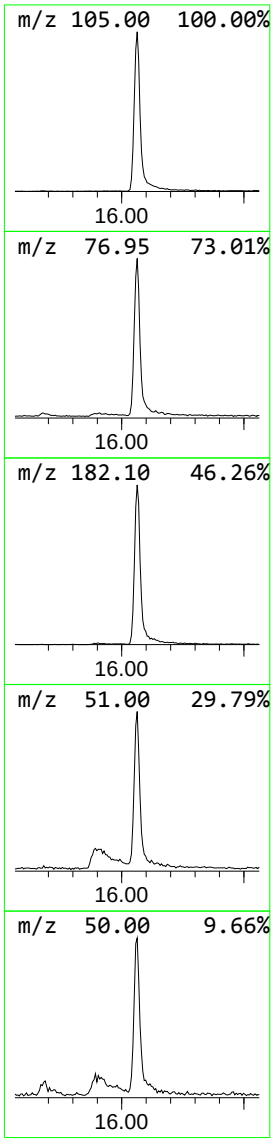
Peak Number 1 Benzophenone Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.063	4.25 ng/ul	636122	Phenanthrene-d10	17.433

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	91
5	Benzophenone	182	C13H10O	000119-61-9	87





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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION

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

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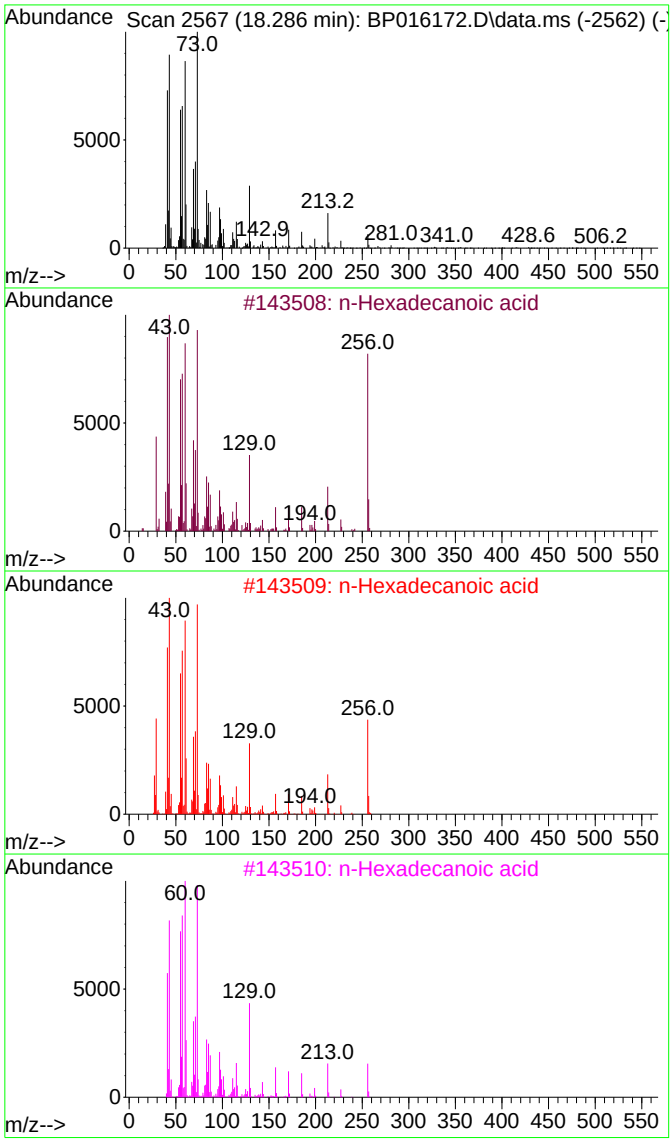
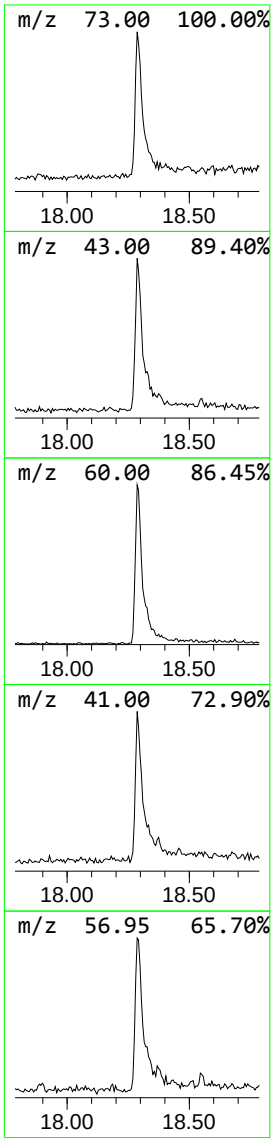
Peak Number 2 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.286	2.82 ng/ul	421616	Phenanthrene-d10	17.433

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	98
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94





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BNA_P
ClientSampleId :
YBW49

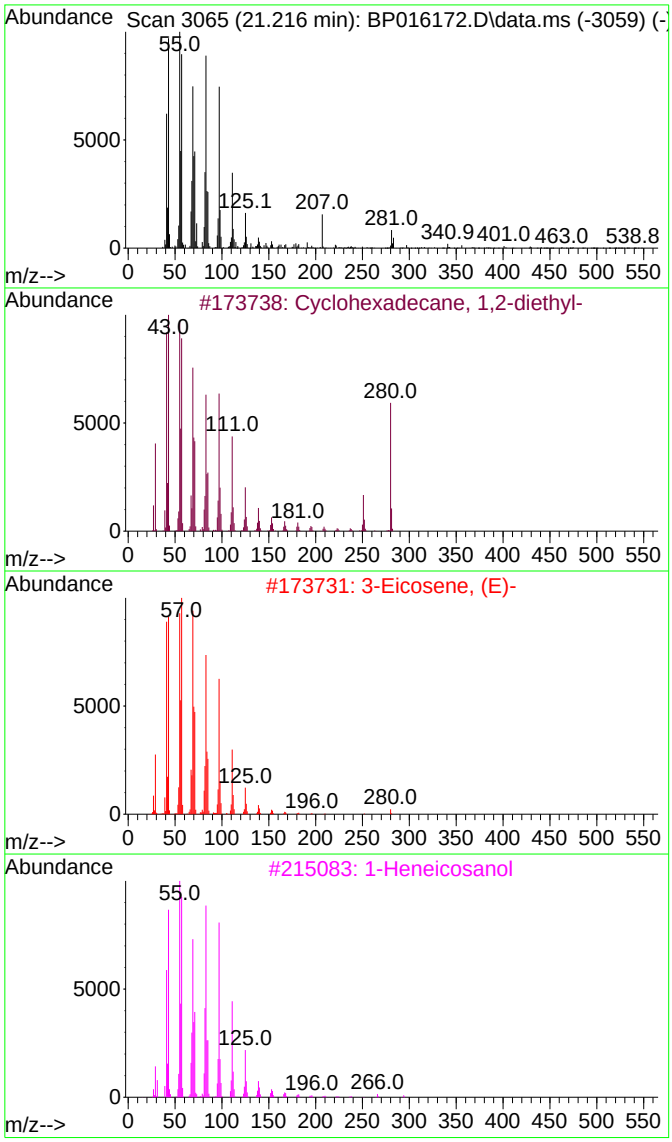
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION

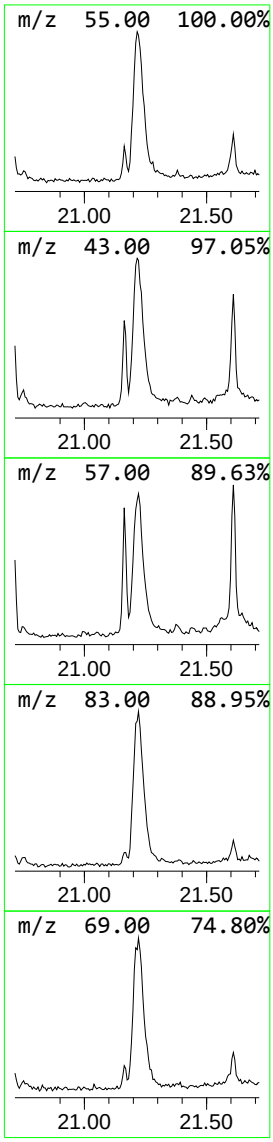
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 (DEL) Alkane: Cyclic21.216 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.216	5.53 ng/ul	842494	Chrysene-d12	21.545

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane, 1,2-diethyl-	280	C20H40	1000155-85-3	94
2	3-Eicosene, (E)-	280	C20H40	074685-33-9	91
3	1-Heneicosanol	312	C21H44O	015594-90-8	91
4	Behenic alcohol	326	C22H46O	000661-19-8	91
5	n-Nonadecanol-1	284	C19H40O	001454-84-8	91





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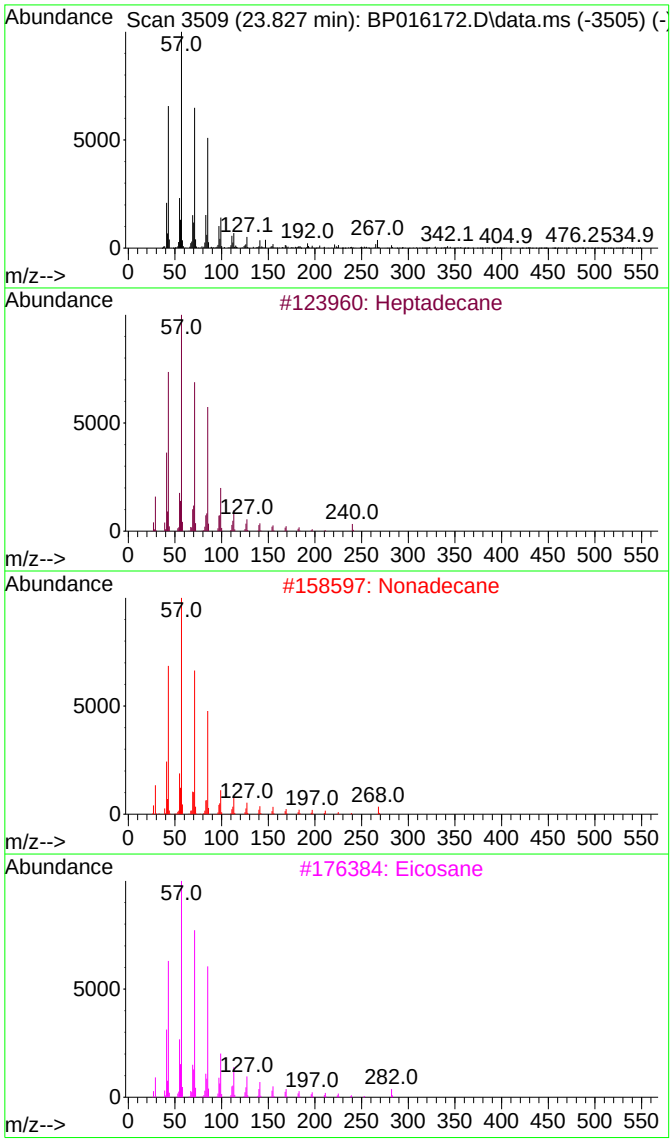
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION

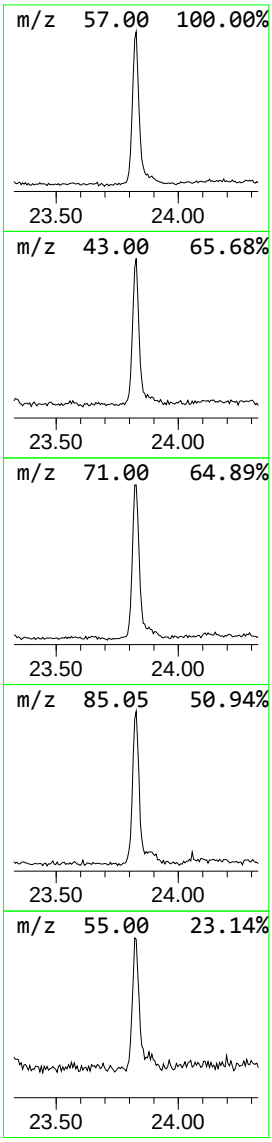
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.827	2.06 ng/ul	287527	Perylene-d12	24.074

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	95
2	Nonadecane	268	C19H40	000629-92-5	93
3	Eicosane	282	C20H42	000112-95-8	93
4	9-Methylheneicosane	310	C22H46	070475-51-3	90
5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	90





Tentatively Identified Compound (LSC) summary

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Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.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	16.063	4.3	ng/ul	636122	4	17.433	2994020	20.0
n-Hexadecanoic ...	18.286	2.8	ng/ul	421616	4	17.433	2994020	20.0
(DEL) Alkane: C...	21.216	5.5	ng/ul	842494	5	21.545	3044920	20.0
(DEL) Alkane: S...	23.827	2.1	ng/ul	287527	6	24.074	2792950	20.0