LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101124\
Data File : BM048021.D
Acq On : 11 Oct 2024 21:53
Operator : RC/JU
Sample : P4239-19
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4EP8

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_M\Methods\SFAM-EPA-BM092724.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BM048021.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.046	6	10	33	rVB	7629374	11844751	100.00%	26.685%
2	3.240	40	43	48	rVB	20380	27270	0.23%	0.061%
3	3.669	113	116	123	rVB2	21064	30136	0.25%	0.068%
4	3.757	128	131	136	rVB2	24767	30319	0.26%	0.068%
5	3.981	165	169	173	rVB	16734	21420	0.18%	0.048%
6	4.228	207	211	216	rBV5	24475	37818	0.32%	0.085%
7	4.434	242	246	248	rVB2	10162	12565	0.11%	0.028%
8	4.510	253	259	269	rVB	463448	677246	5.72%	1.526%
9	4.781	301	305	309	rVB3	14766	21632	0.18%	0.049%
10	4.904	320	326	336	rVB2	88858	154431	1.30%	0.348%
11	5.681	455	458	461	rBV5	11668	16984	0.14%	0.038%
12	5.728	461	466	472	rVB2	46795	74847	0.63%	0.169%
13	5.834	479	484	490	rVB7	10626	18857	0.16%	0.042%
14	6.045	512	520	529	rBV4	31821	70945	0.60%	0.160%
15	6.410	576	582	593	rBV	472975	773857	6.53%	1.743%
16	6.957	666	675	686	rBV	263046	468261	3.95%	1.055%
17	7.110	695	701	713	rBV	229263	381215	3.22%	0.859%
18	7.316	730	736	746	rVB	302970	489230	4.13%	1.102%
19	7.498	762	767	773	rBV9	7005	16453	0.14%	0.037%
20	7.781	808	815	824	rBV	775908	1247796	10.53%	2.811%
21	7.851	825	827	832	rVB6	8796	12635	0.11%	0.028%
22	7.957	840	845	851	rVB2	28987	50249	0.42%	0.113%
23	8.039	852	859	862	rBV4	22105	40529	0.34%	0.091%
24	8.098	863	869	876	rVV	282291	467164	3.94%	1.052%
25	8.151	876	878	883	rVB6	12645	14150	0.12%	0.032%
26	8.492	927	936	944	rBV	273084	495407	4.18%	1.116%
27	8.551	944	946	951	rVV5	19020	33598	0.28%	0.076%
28	8.604	951	955	963	rVB2	28617	54202	0.46%	0.122%
29	8.763	979	982	988	rVB6	8166	14893	0.13%	0.034%
30	8.934	1005	1011	1022	rBV	248565	450908	3.81%	1.016%
31	9.028	1022	1027	1031	rVV2	38534	65856	0.56%	0.148%
32	9.069	1031	1034	1039	rVB6	17143	28021	0.24%	0.063%
33	9.369	1080	1085	1090	rBV2	13673	21757	0.18%	0.049%
34	9.657	1127	1134	1147	rBV	197245	350158	2.96%	0.789%
35	10.198	1217	1226	1232	rBV	314152	585182	4.94%	1.318%
36	10.251	1233	1235	1243	rVB	52542	73562	0.62%	0.166%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101124\
Data File : BM048021.D
Acq On : 11 Oct 2024 21:53
Operator : RC/JU
Sample : P4239-19
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4EP8

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_M\Methods\SFAM-EPA-BM092724.MA.M
Title : SVOA CALIBRATION

37	10.439	1262	1267	1272	rVB6	10630	20065	0.17%	0.045%
38	10.575	1282	1290	1304	rBV	1018429	1754296	14.81%	3.952%
39	10.710	1304	1313	1330	rBV	169332	383510	3.24%	0.864%
40	11.028	1362	1367	1376	rBV2	41831	77837	0.66%	0.175%
41	11.392	1421	1429	1435	rBV9	8418	19226	0.16%	0.043%
42	12.533	1619	1623	1631	rVB2	20837	33265	0.28%	0.075%
43	12.633	1636	1640	1643	rVV3	9294	14243	0.12%	0.032%
44	13.827	1834	1843	1853	rBV	541495	812186	6.86%	1.830%
45	14.110	1882	1891	1906	rBV	693078	1072424	9.05%	2.416%
46	14.416	1935	1943	1951	rBV	1448119	2235756	18.88%	5.037%
47	14.480	1951	1954	1959	rVV3	14449	22478	0.19%	0.051%
48	14.627	1973	1979	1991	rBV	100256	264289	2.23%	0.595%
49	14.827	2008	2013	2014	rBV5	8507	12382	0.10%	0.028%
50	15.163	2065	2070	2074	rBV3	17881	26890	0.23%	0.061%
51	15.210	2074	2078	2085	rVB5	15555	25735	0.22%	0.058%
52	15.410	2105	2112	2118	rBV	871420	1319255	11.14%	2.972%
53	15.463	2119	2121	2127	rVB	16486	22076	0.19%	0.050%
54	15.527	2127	2132	2141	rBV	100717	161683	1.37%	0.364%
55	15.674	2151	2157	2161	rVB6	10333	19464	0.16%	0.044%
56	15.774	2167	2174	2180	rBV	208050	309991	2.62%	0.698%
57	16.068	2219	2224	2231	rBV2	39657	62524	0.53%	0.141%
58	16.133	2231	2235	2241	rVB7	10661	18529	0.16%	0.042%
59	16.815	2346	2351	2353	rBV5	12042	19876	0.17%	0.045%
60	16.851	2353	2357	2365	rVB8	25929	47488	0.40%	0.107%
61	16.980	2376	2379	2385	rVB2	14430	20063	0.17%	0.045%
62	17.157	2402	2409	2413	rBV	1833081	2660347	22.46%	5.993%
63	17.198	2413	2416	2420	rVV	230421	319578	2.70%	0.720%
64	17.257	2420	2426	2437	rVB	964836	1499233	12.66%	3.378%
65	17.562	2476	2478	2482	rVB	12878	14426	0.12%	0.032%
66	18.051	2554	2561	2576	rBV2	277344	590511	4.99%	1.330%
67	18.227	2587	2591	2595	rBV2	42435	65054	0.55%	0.147%
68	18.533	2640	2643	2646	rBV	19266	23917	0.20%	0.054%
69	18.574	2647	2650	2655	rVB3	25898	35974	0.30%	0.081%
70	19.209	2753	2758	2764	rVB	512451	681779	5.76%	1.536%
71	19.327	2774	2778	2789	rBV2	128046	243934	2.06%	0.550%
72	19.545	2809	2815	2818	rBV	1265834	1860572	15.71%	4.192%
73	20.468	2969	2972	2975	rVB	74825	76438	0.65%	0.172%
74	21.062	3069	3073	3080	rVB4	234225	361455	3.05%	0.814%
75	21.380	3121	3127	3132	rBV	2180440	3358954	28.36%	7.567%
76	24.162	3594	3600	3608	rVB	475002	1048281	8.85%	2.362%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101124\
Data File : BM048021.D
Acq On : 11 Oct 2024 21:53
Operator : RC/JU
Sample : P4239-19
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4EP8

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_M\Methods\SFAM-EPA-BM092724.MA.M
Title : SVOA CALIBRATION

77	24.368	3628	3635	3649	rVB	1358035	3597718	30.37%	8.105%

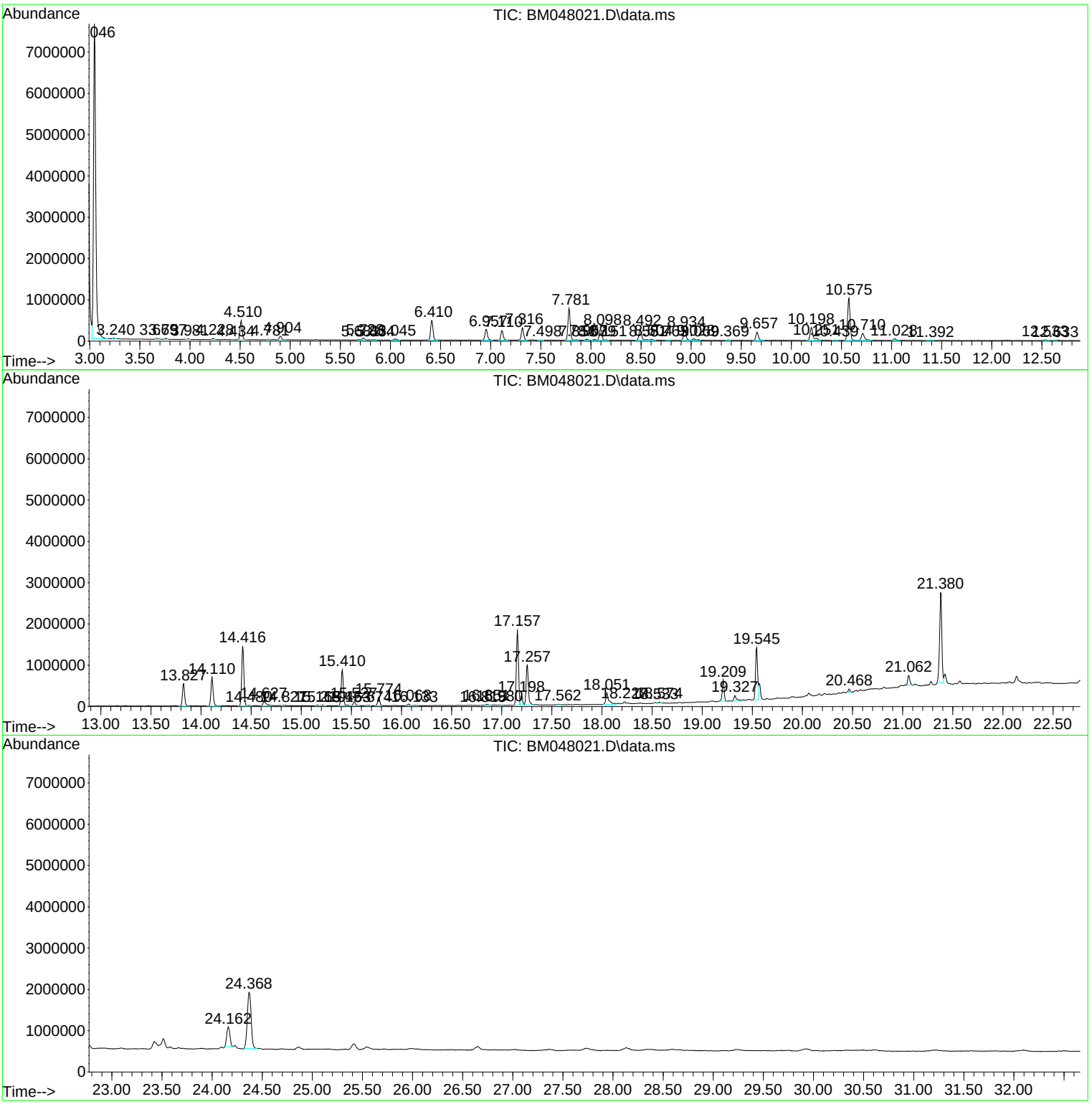
Sum of corrected areas: 44388006

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101124\
Data File : BM048021.D
Acq On : 11 Oct 2024 21:53
Operator : RC/JU
Sample : P4239-19
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4EP8

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101124\
Data File : BM048021.D
Acq On : 11 Oct 2024 21:53
Operator : RC/JU
Sample : P4239-19
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4EP8

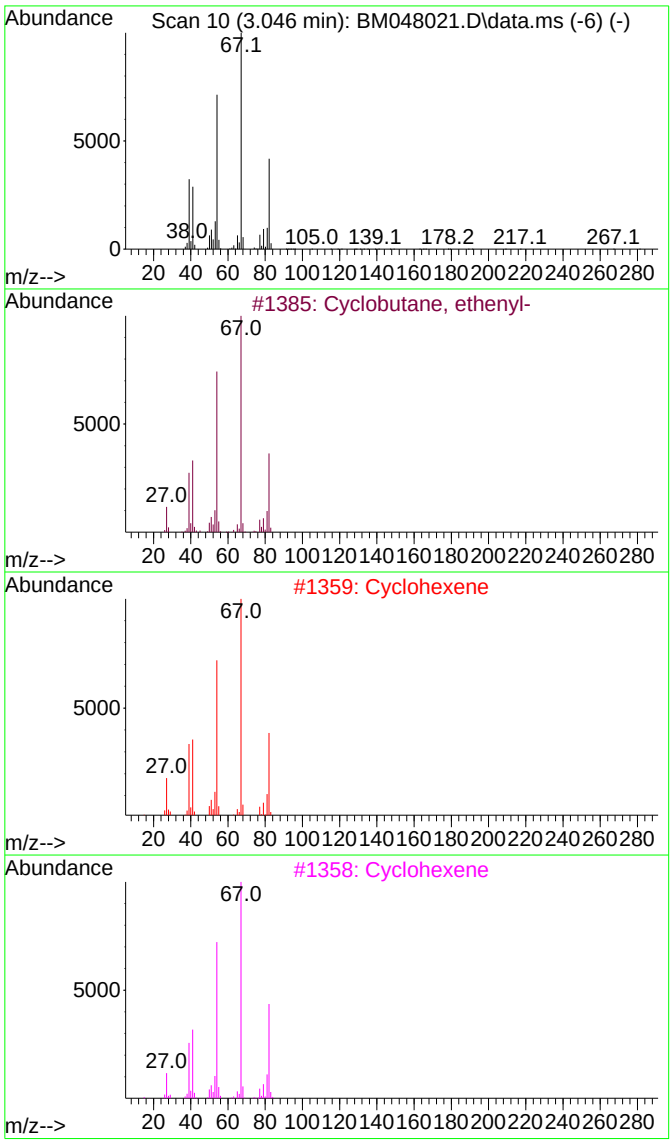
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
Quant Title : SVOA CALIBRATION

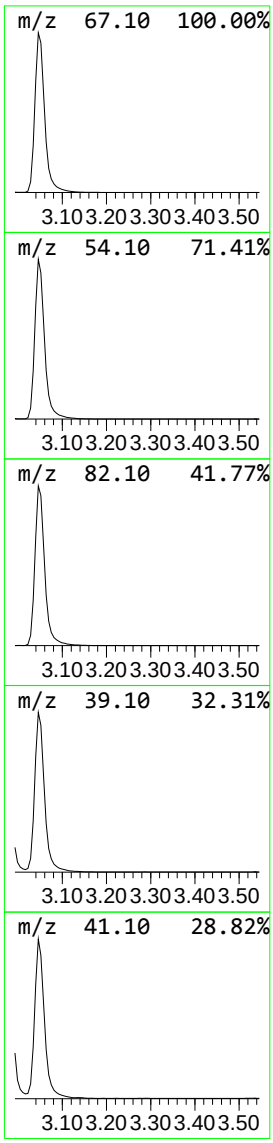
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Cyclobutane, ethenyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.046	189.85 ng/ul	11844800	1,4-Dichlorobenzene-d4	7.781

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclobutane, ethenyl-	82	C6H10	002597-49-1	94
2	Cyclohexene	82	C6H10	000110-83-8	93
3	Cyclohexene	82	C6H10	000110-83-8	90
4	Cyclohexene	82	C6H10	000110-83-8	90
5	Ethylidenecyclobutane	82	C6H10	001528-21-8	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101124\
Data File : BM048021.D
Acq On : 11 Oct 2024 21:53
Operator : RC/JU
Sample : P4239-19
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4EP8

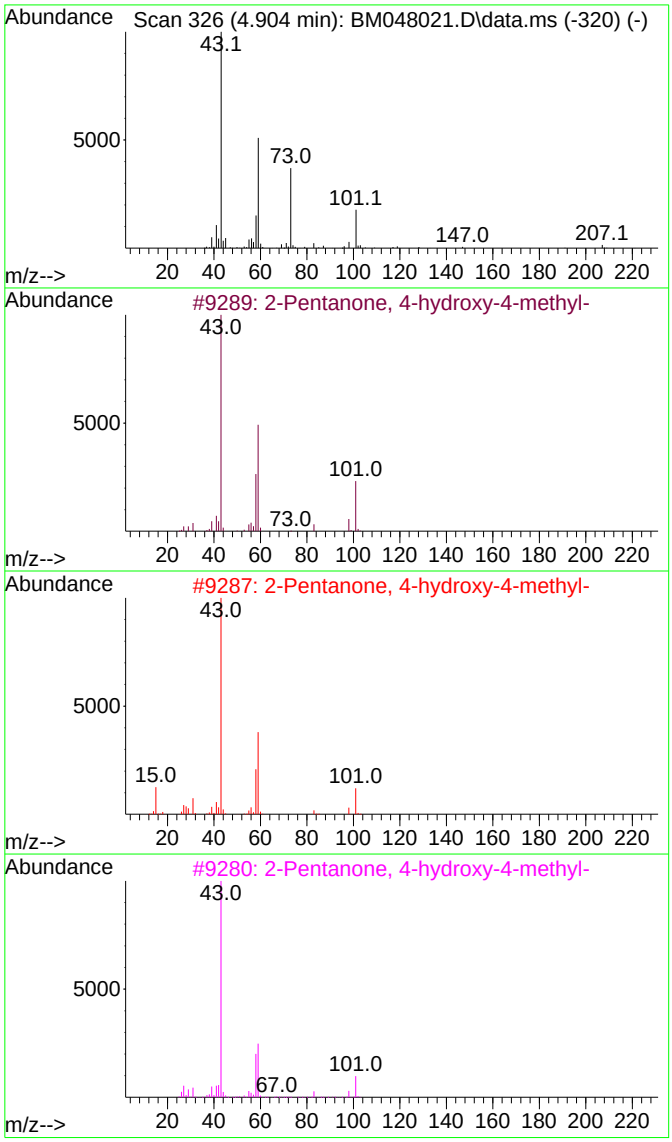
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
Quant Title : SVOA CALIBRATION

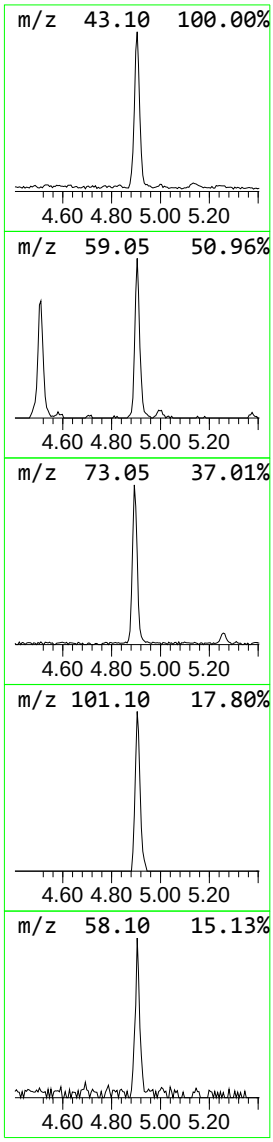
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.904	2.48 ng/ul	154431	1,4-Dichlorobenzene-d4	7.781

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	40
2	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	40
3	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	38
4	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	35
5	3-Hexanol	102	C6H14O	000623-37-0	33





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101124\
Data File : BM048021.D
Acq On : 11 Oct 2024 21:53
Operator : RC/JU
Sample : P4239-19
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4EP8

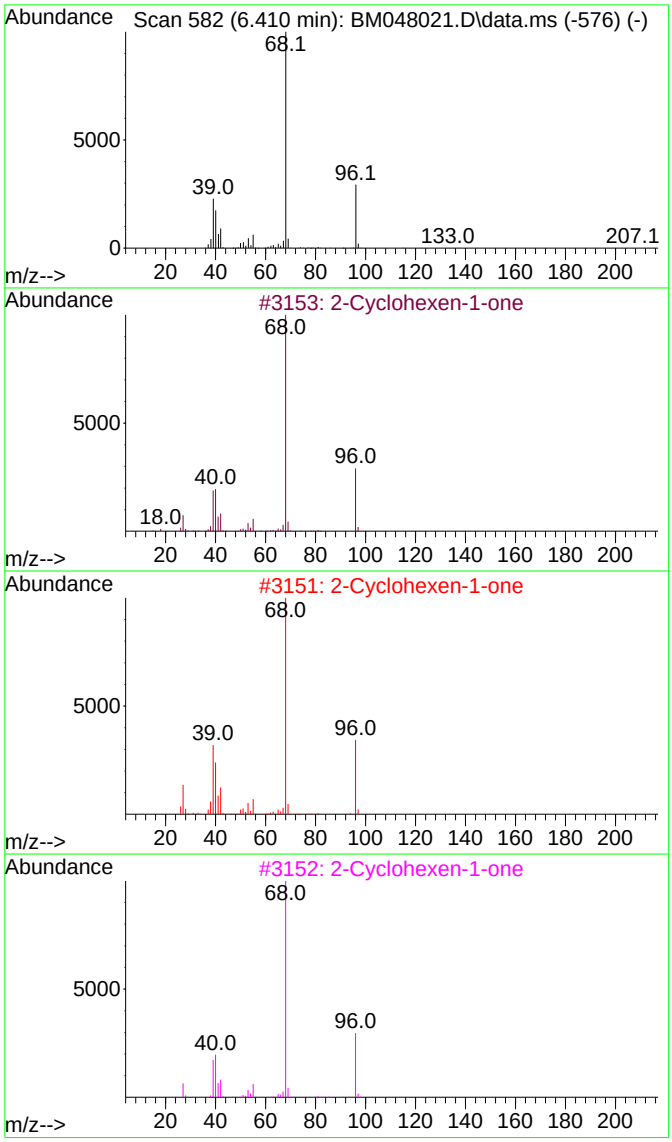
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
Quant Title : SVOA CALIBRATION

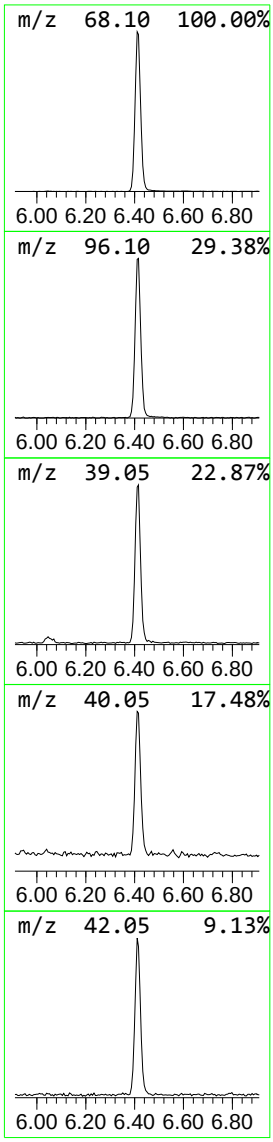
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 2-Cyclohexen-1-one Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.410	12.40 ng/ul	773857	1,4-Dichlorobenzene-d4	7.781

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Cyclohexen-1-one	96	C6H8O	000930-68-7	91
2	2-Cyclohexen-1-one	96	C6H8O	000930-68-7	91
3	2-Cyclohexen-1-one	96	C6H8O	000930-68-7	91
4	2-Cyclohexen-1-one	96	C6H8O	000930-68-7	47
5	2,5-Dihydro-3-methyl-thiophene 1...	132	C5H8O2S	001193-10-8	12





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101124\
Data File : BM048021.D
Acq On : 11 Oct 2024 21:53
Operator : RC/JU
Sample : P4239-19
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4EP8

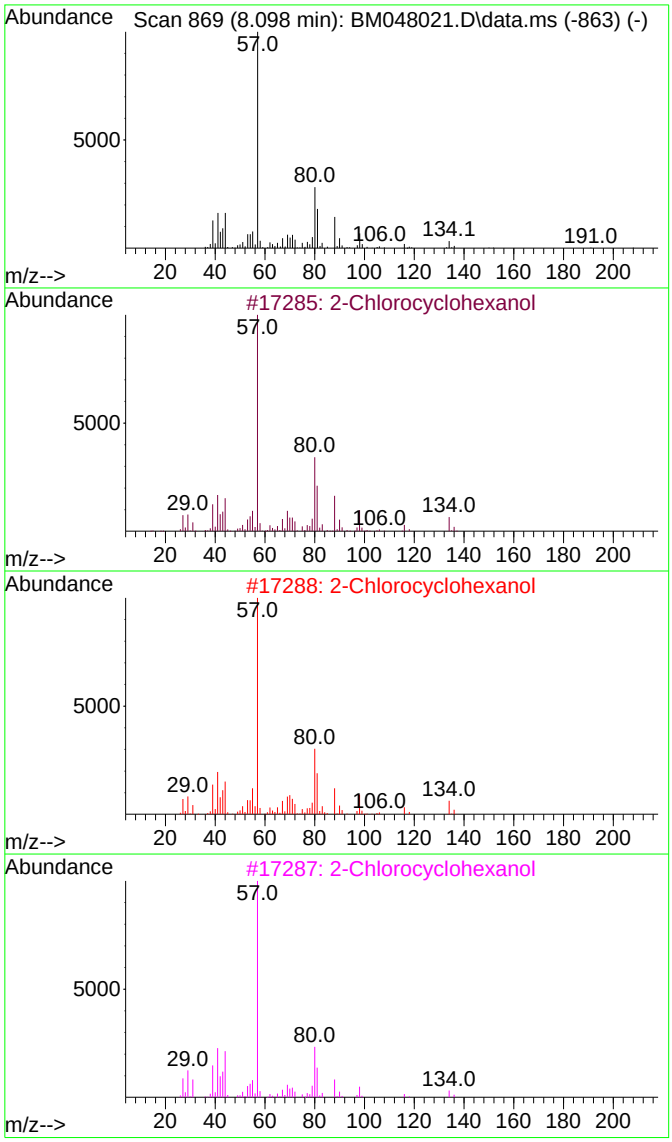
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
Quant Title : SVOA CALIBRATION

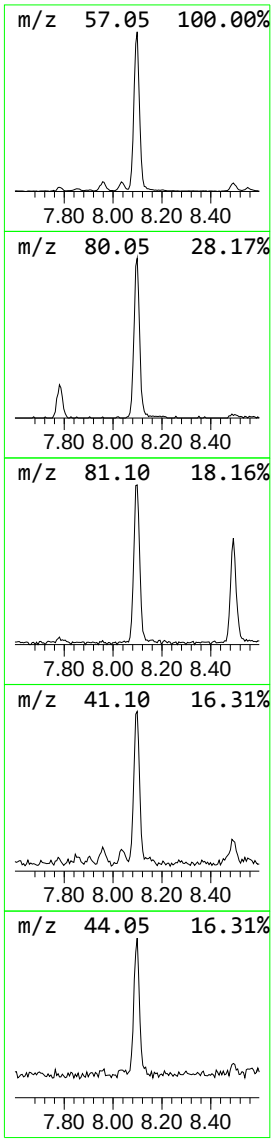
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 2-Chlorocyclohexanol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.098	7.49 ng/ul	467164	1,4-Dichlorobenzene-d4	7.781

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Chlorocyclohexanol	134	C6H11ClO	001561-86-0	94
2	2-Chlorocyclohexanol	134	C6H11ClO	001561-86-0	94
3	2-Chlorocyclohexanol	134	C6H11ClO	001561-86-0	94
4	2-Chlorocyclohexanol	134	C6H11ClO	001561-86-0	87
5	2-Chlorocyclohexanol	134	C6H11ClO	001561-86-0	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101124\
Data File : BM048021.D
Acq On : 11 Oct 2024 21:53
Operator : RC/JU
Sample : P4239-19
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4EP8

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
Quant Title : SVOA CALIBRATION

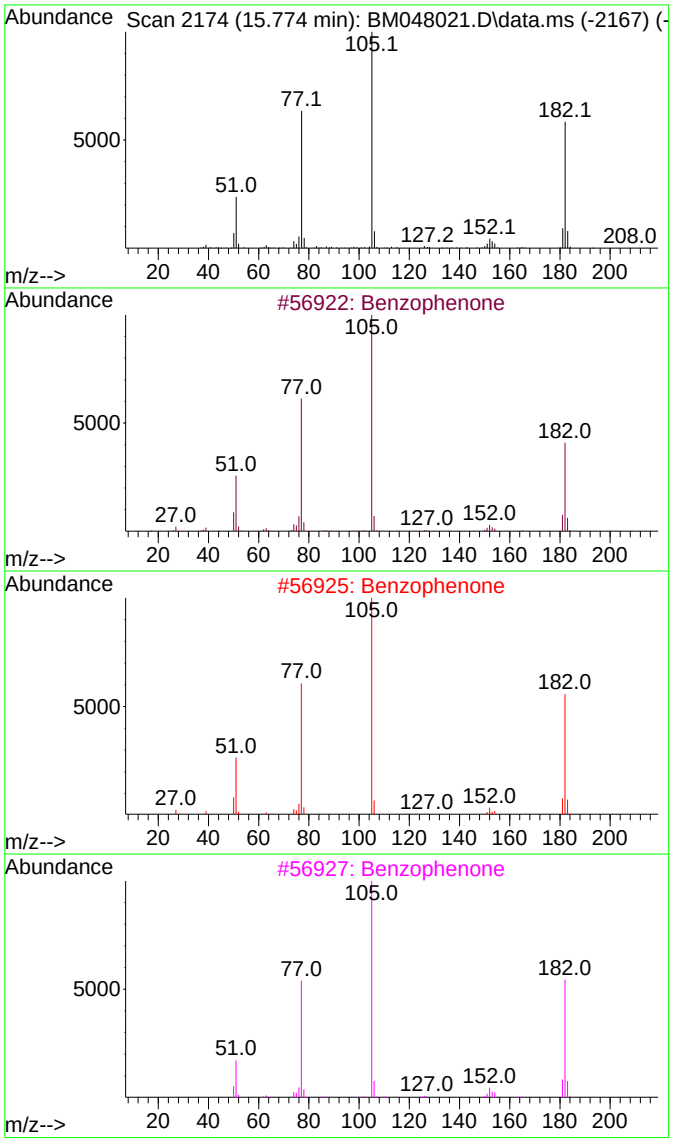
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

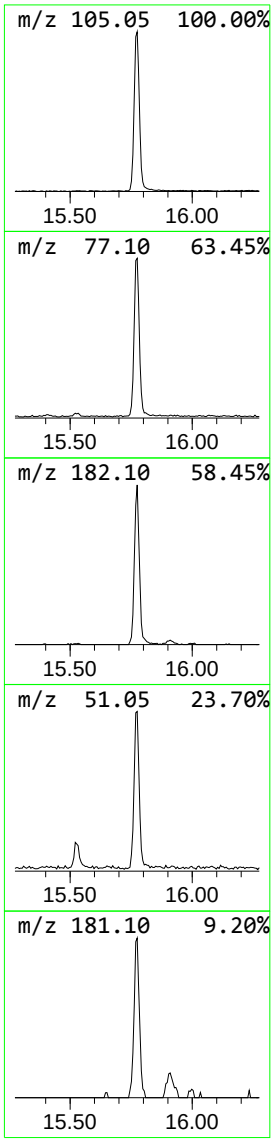
****

Peak Number 6 Benzophenone Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.774	2.77 ng/ul	309991	Acenaphthene-d10	14.416

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	97
2	Benzophenone	182	C13H10O	000119-61-9	96
3	Benzophenone	182	C13H10O	000119-61-9	95
4	Benzophenone	182	C13H10O	000119-61-9	90
5	Azobenzene	182	C12H10N2	000103-33-3	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101124\
Data File : BM048021.D
Acq On : 11 Oct 2024 21:53
Operator : RC/JU
Sample : P4239-19
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4EP8

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
Quant Title : SVOA CALIBRATION

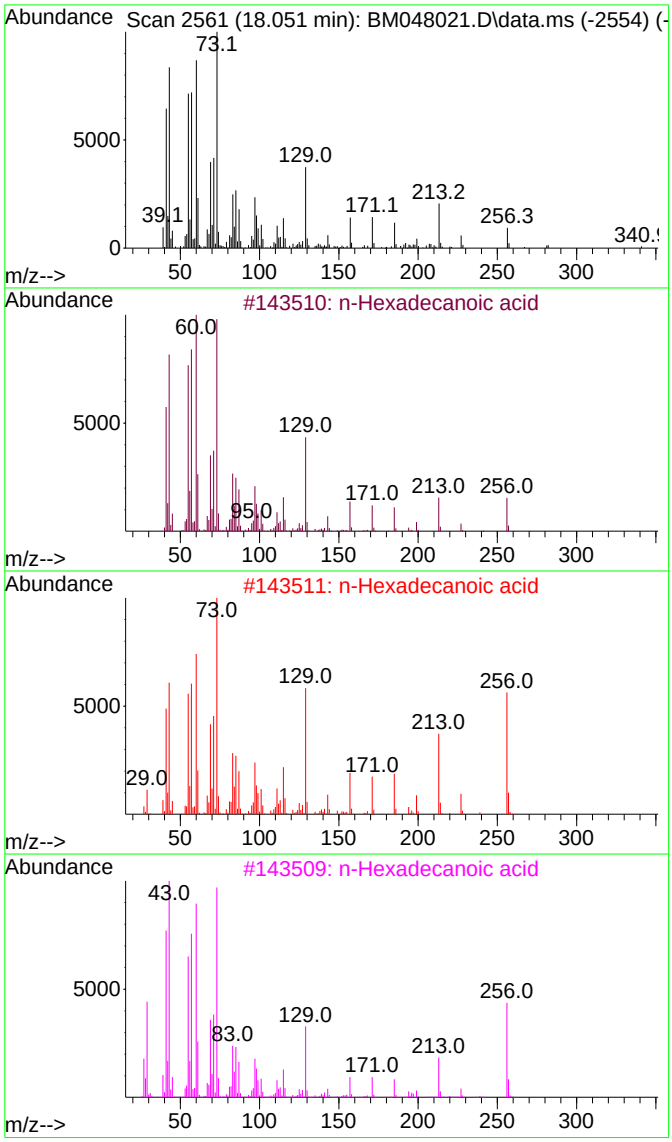
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

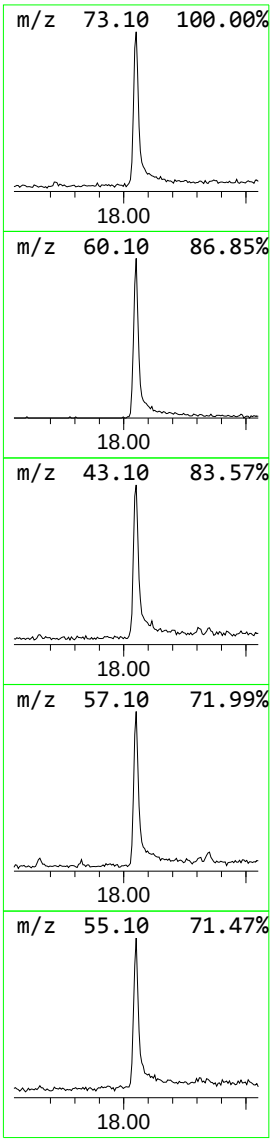
****

Peak Number 7 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.051	4.44 ng/ul	590511	Phenanthrene-d10	17.157

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	98
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	94
5	Octadecanoic acid	284	C18H36O2	000057-11-4	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101124\
Data File : BM048021.D
Acq On : 11 Oct 2024 21:53
Operator : RC/JU
Sample : P4239-19
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4EP8

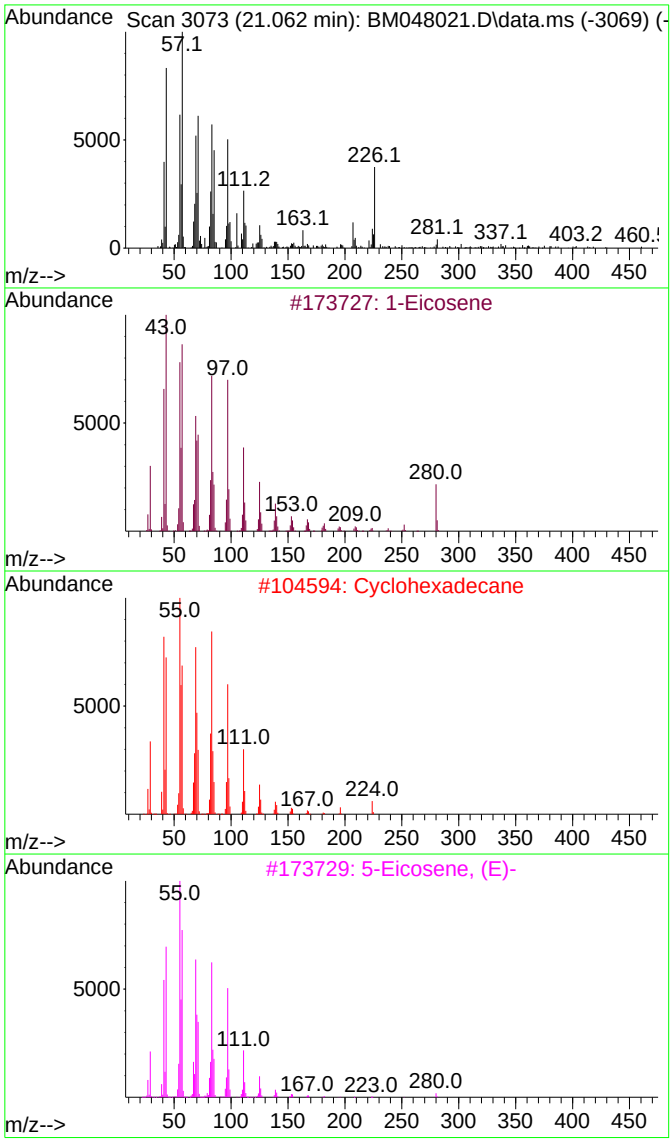
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
Quant Title : SVOA CALIBRATION

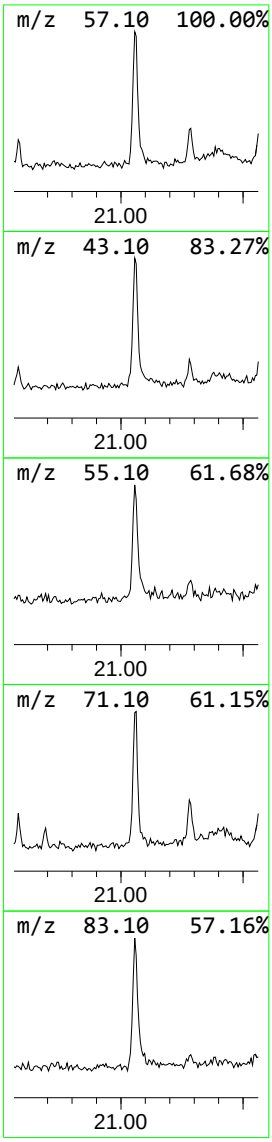
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.062	2.15 ng/ul	361455	Chrysene-d12	21.380

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Eicosene	280	C20H40	003452-07-1	87
2	Cyclohexadecane	224	C16H32	000295-65-8	87
3	5-Eicosene, (E)-	280	C20H40	074685-30-6	86
4	3-Eicosene, (E)-	280	C20H40	074685-33-9	74
5	1-Eicosene	280	C20H40	003452-07-1	70





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101124\
Data File : BM048021.D
Acq On : 11 Oct 2024 21:53
Operator : RC/JU
Sample : P4239-19
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4EP8

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.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
Cyclobutane, et...	3.046	189.8	ng/ul	11844800	1	7.781	1247800	20.0
2-Pentanone, 4-...	4.904	2.5	ng/ul	154431	1	7.781	1247800	20.0
2-Cyclohexen-1-one	6.410	12.4	ng/ul	773857	1	7.781	1247800	20.0
2-Chlorocyclohe...	8.098	7.5	ng/ul	467164	1	7.781	1247800	20.0
Benzophenone	15.774	2.8	ng/ul	309991	3	14.416	2235760	20.0
n-Hexadecanoic ...	18.051	4.4	ng/ul	590511	4	17.157	2660350	20.0
(DEL) Alkane: S...	21.062	2.1	ng/ul	361455	5	21.380	3358950	20.0