LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080719\
Data File : BG042040.D
Acq On : 7 Aug 2019 20:47
Operator : HP/JU
Sample : K4029-19
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BENT8

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_G\METHODS\SOM-EPA-BG080319MA.M
Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.144	4	9	28	rVB	1332961	2109805	24.47%	6.232%
2	3.414	50	55	63	rVB	12137	21522	0.25%	0.064%
3	3.943	141	145	151	rVB3	6370	8874	0.10%	0.026%
4	4.078	164	168	173	rVB2	11145	15995	0.19%	0.047%
5	4.166	180	183	191	rVB3	6318	10729	0.12%	0.032%
6	7.174	689	695	713	rBV	228740	458530	5.32%	1.354%
7	7.345	716	724	736	rBV	188109	320819	3.72%	0.948%
8	7.556	752	760	770	rBV	247421	446830	5.18%	1.320%
9	8.026	833	840	849	rBV	233496	406396	4.71%	1.200%
10	8.731	953	960	970	rBV	279583	507070	5.88%	1.498%
11	9.189	1027	1038	1048	rBV	242381	440063	5.10%	1.300%
12	9.636	1109	1114	1119	rBV2	6200	9611	0.11%	0.028%
13	9.924	1155	1163	1172	rBV	210688	392558	4.55%	1.160%
14	10.464	1248	1255	1269	rBV	339914	643331	7.46%	1.900%
15	10.852	1312	1321	1333	rBV	345092	623332	7.23%	1.841%
16	10.981	1335	1343	1355	rBV	243466	485913	5.64%	1.435%
17	12.444	1587	1592	1599	rVV	5511	10184	0.12%	0.030%
18	14.084	1864	1871	1876	rBV	721002	1092469	12.67%	3.227%
19	14.131	1876	1879	1887	rVB	296940	415027	4.81%	1.226%
20	14.377	1910	1921	1931	rBV	790691	1279423	14.84%	3.779%
21	14.689	1964	1974	1982	rBV	591924	944383	10.95%	2.789%
22	14.871	1997	2005	2017	rBV	176762	333845	3.87%	0.986%
23	15.094	2036	2043	2050	rVB2	17528	28050	0.33%	0.083%
24	15.500	2106	2112	2115	rVB4	5842	9624	0.11%	0.028%
25	15.682	2136	2143	2149	rBV	1064764	1676957	19.45%	4.953%
26	15.793	2156	2162	2173	rBV	235730	388256	4.50%	1.147%
27	15.923	2176	2184	2189	rVV4	11761	21988	0.25%	0.065%
28	16.275	2241	2244	2250	rVB6	4622	9263	0.11%	0.027%
29	16.404	2262	2266	2273	rBV7	5845	13001	0.15%	0.038%
30	16.469	2273	2277	2281	rVB6	5764	9338	0.11%	0.028%
31	17.092	2379	2383	2385	rBV4	6549	9805	0.11%	0.029%
32	17.439	2435	2442	2447	rBV	752369	1146976	13.30%	3.388%
33	17.480	2447	2449	2453	rVV	64621	77377	0.90%	0.229%
34	17.538	2453	2459	2469	rVV	1159219	1788997	20.75%	5.284%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080719\
Data File : BG042040.D
Acq On : 7 Aug 2019 20:47
Operator : HP/JU
Sample : K4029-19
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BENT8

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_G\METHODS\SOM-EPA-BG080319MA.M
Title : SVOA CALIBRATION

35	17.627	2471	2474	2480	rVB7	6813	11767	0.14%	0.035%
36	18.026	2539	2542	2546	rBV6	6307	10135	0.12%	0.030%
37	18.332	2588	2594	2598	rBV3	90340	161990	1.88%	0.478%
38	18.508	2621	2624	2629	rBV2	21182	28937	0.34%	0.085%
39	18.813	2674	2676	2680	rBV	12004	10997	0.13%	0.032%
40	18.849	2680	2682	2690	rVB9	17921	31471	0.36%	0.093%
41	18.919	2690	2694	2698	rBV3	35966	51215	0.59%	0.151%
42	19.489	2787	2791	2797	rVB	160914	221754	2.57%	0.655%
43	19.595	2805	2809	2815	rBV4	61583	103038	1.19%	0.304%
44	19.824	2842	2848	2861	rBV2	1445975	2342856	27.17%	6.920%
45	21.369	3107	3111	3122	rVB3	122666	233380	2.71%	0.689%
46	21.622	3144	3154	3160	rVB	5788115	8623095	100.00%	25.470%
47	21.716	3163	3170	3176	rVV2	781914	1475294	17.11%	4.358%
48	21.763	3176	3178	3185	rVB	84504	128093	1.49%	0.378%
49	21.927	3204	3206	3211	rVB3	59511	69105	0.80%	0.204%
50	22.550	3308	3312	3321	rVB2	96582	170129	1.97%	0.503%
51	23.255	3429	3432	3438	rVB	83793	137792	1.60%	0.407%
52	23.954	3546	3551	3558	rBV	47057	121116	1.40%	0.358%
53	24.084	3568	3573	3581	rVB2	110249	239468	2.78%	0.707%
54	24.765	3680	3689	3698	rBV	761500	2024113	23.47%	5.979%
55	24.989	3718	3727	3735	rBV2	474005	1340810	15.55%	3.960%
56	26.222	3931	3937	3945	rVB3	57337	162436	1.88%	0.480%

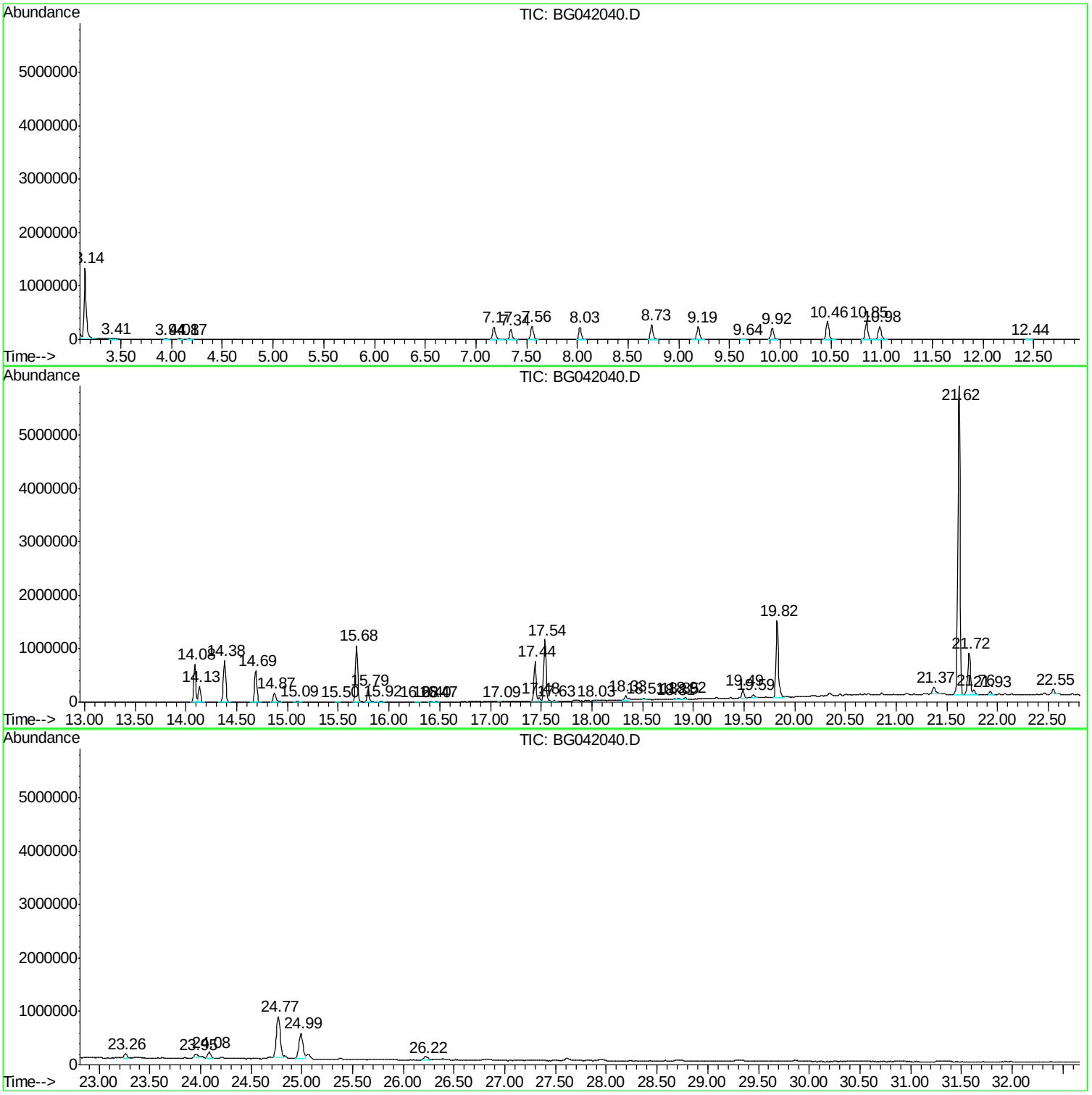
Sum of corrected areas: 33855332

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080719\
Data File : BG042040.D
Acq On : 7 Aug 2019 20:47
Operator : HP/JU
Sample : K4029-19
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BENT8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080719\
Data File : BG042040.D
Acq On : 7 Aug 2019 20:47
Operator : HP/JU
Sample : K4029-19
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BENT8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

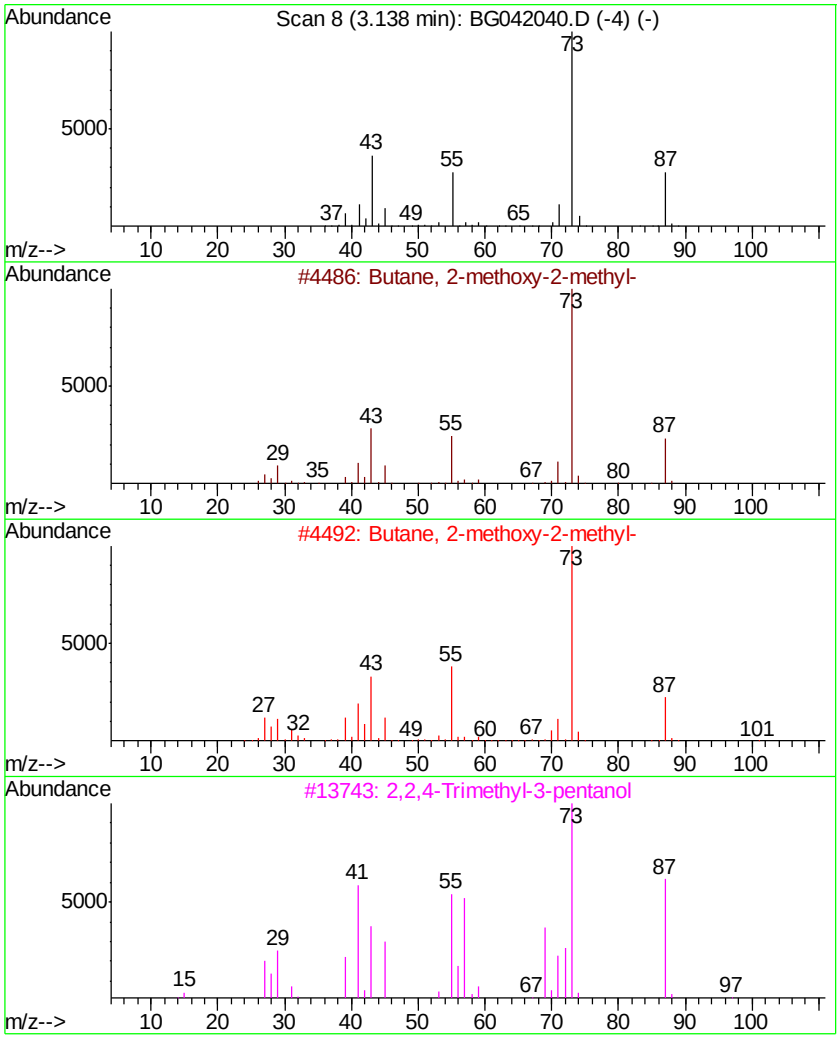
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

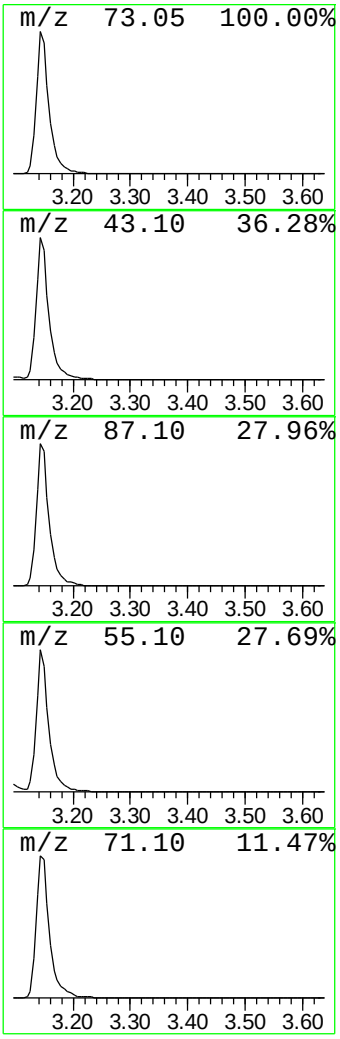
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.14	103.83 ng/ul	2109810	1,4-Dichlorobenzene-d4	8.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	45
3	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
4	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080719\
Data File : BG042040.D
Acq On : 7 Aug 2019 20:47
Operator : HP/JU
Sample : K4029-19
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BENT8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

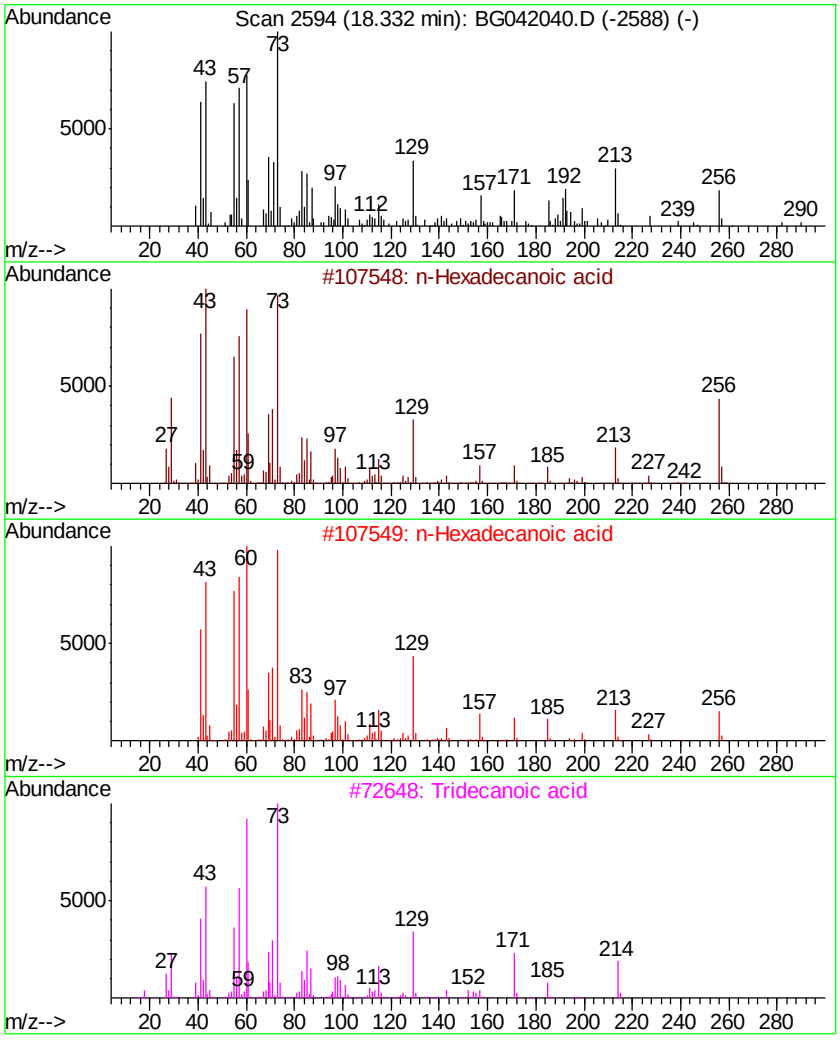
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

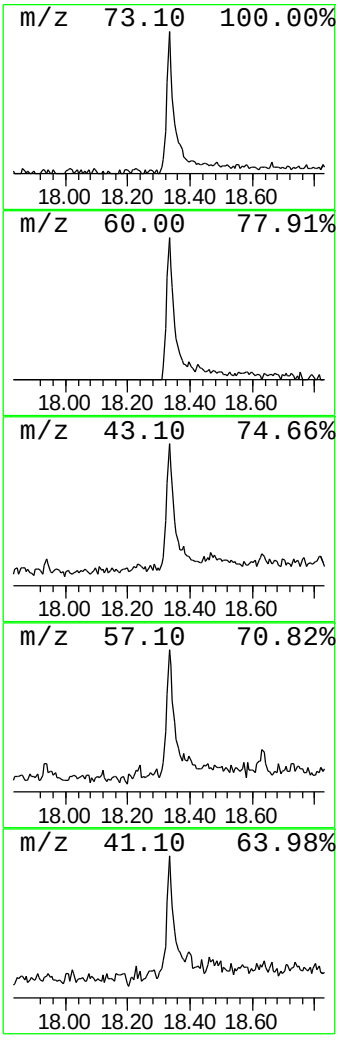
****

Peak Number 2 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.33	2.82 ng/ul	161990	Phenanthrene-d10	17.44

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	96
3	Tridecanoic acid	214	C13H26O2	000638-53-9	86
4	Tridecanoic acid	214	C13H26O2	000638-53-9	86
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	81





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080719\
Data File : BG042040.D
Acq On : 7 Aug 2019 20:47
Operator : HP/JU
Sample : K4029-19
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BENT8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

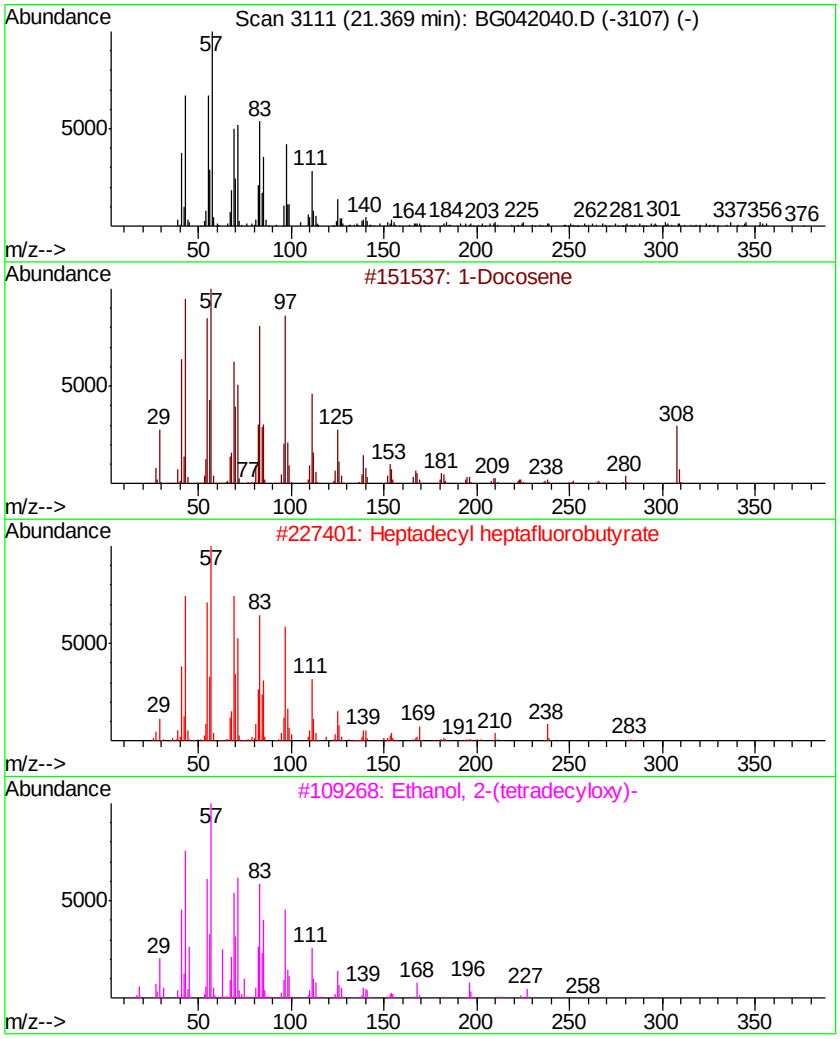
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

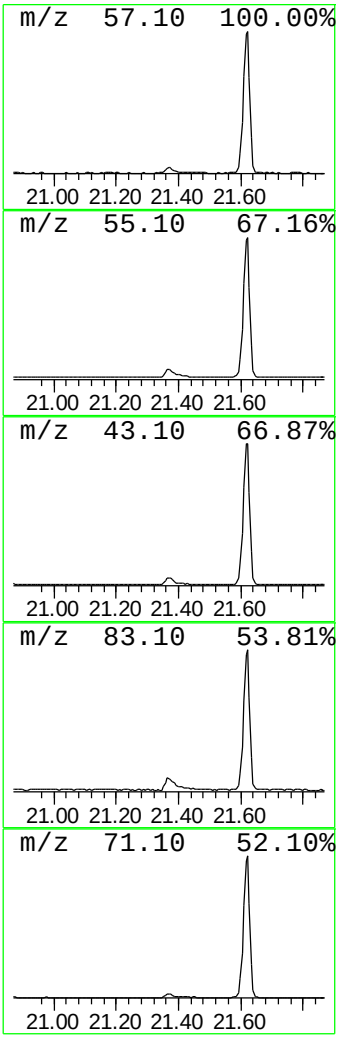
****

Peak Number 3 (DEL) Alkane: Cyclic21.37 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.37	3.16 ng/ul	233380	Chrysene-d12	21.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosene	308	C22H44	001599-67-3	96
2	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	94
3	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	91
4	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	91
5	Docosyl trifluoroacetate	422	C24H45F3O2	1000351-75-5	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080719\
Data File : BG042040.D
Acq On : 7 Aug 2019 20:47
Operator : HP/JU
Sample : K4029-19
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BENT8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

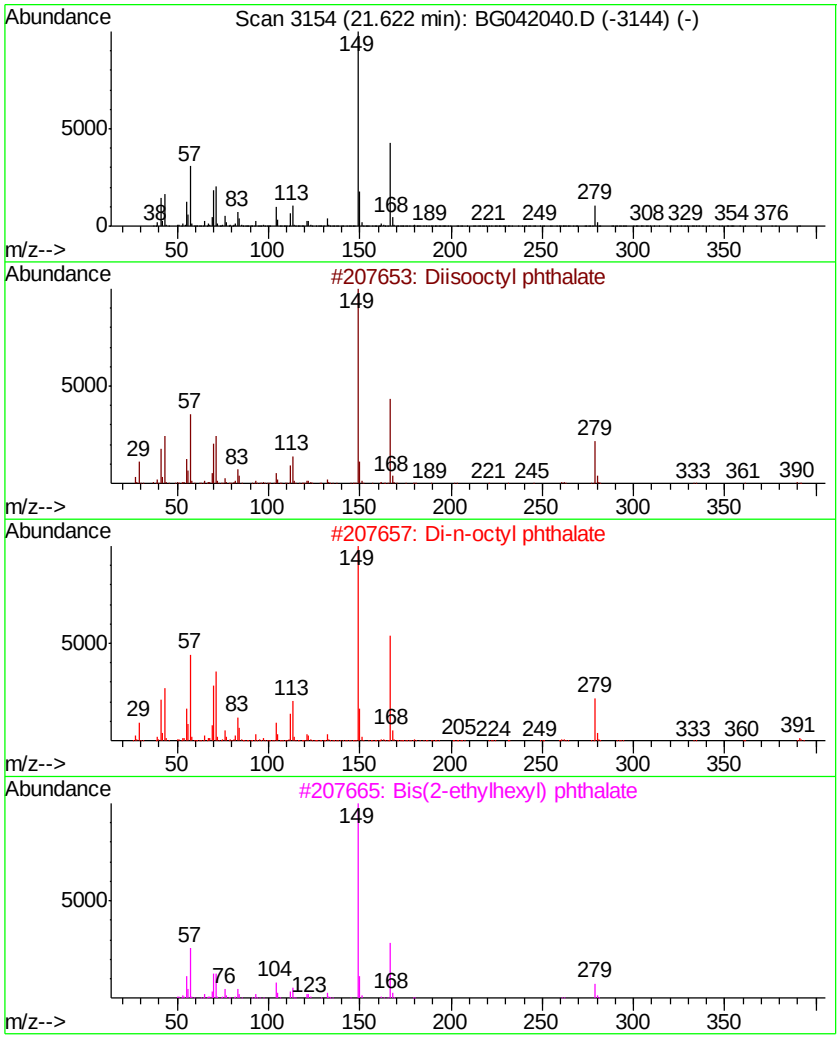
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

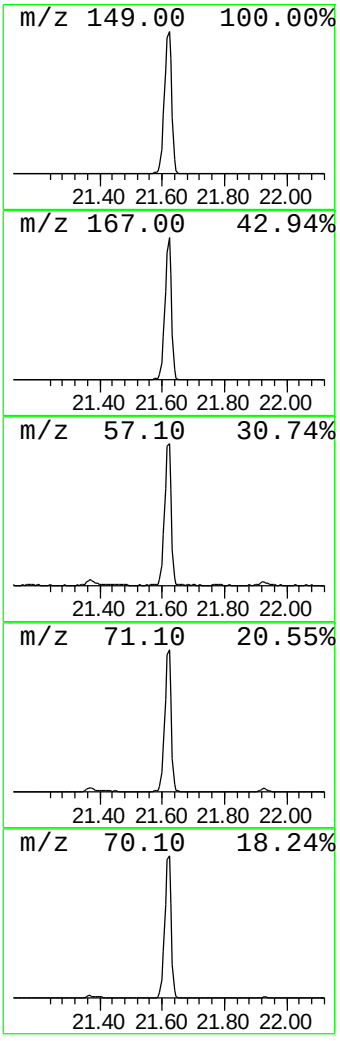
****

Peak Number 4 Diisooctyl phthalate Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.62	116.90 ng/ul	8623100	Chrysene-d12	21.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diisooctyl phthalate	390	C24H38O4	000131-20-4	94
2	Di-n-octyl phthalate	390	C24H38O4	000117-84-0	94
3	Bis(2-ethylhexyl) phthalate	390	C24H38O4	000117-81-7	91
4	Bis(2-ethylhexyl) phthalate	390	C24H38O4	000117-81-7	91
5	Bis(2-ethylhexyl) phthalate	390	C24H38O4	000117-81-7	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080719\
Data File : BG042040.D
Acq On : 7 Aug 2019 20:47
Operator : HP/JU
Sample : K4029-19
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BENT8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

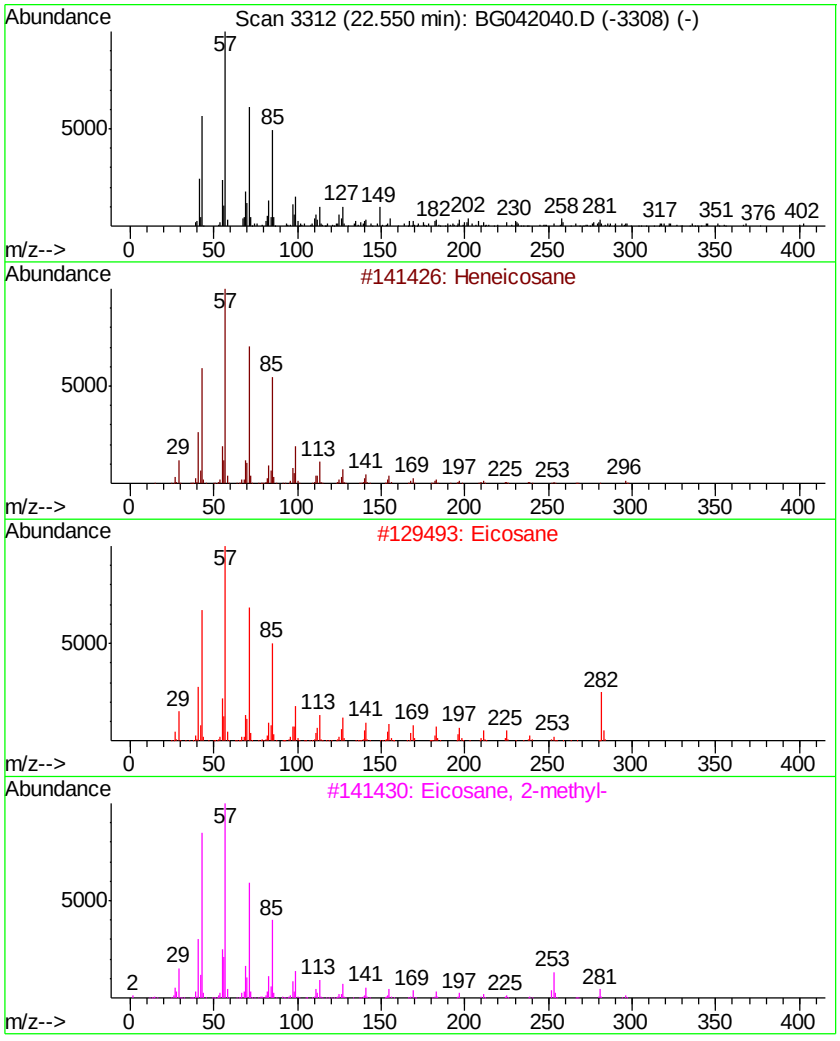
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

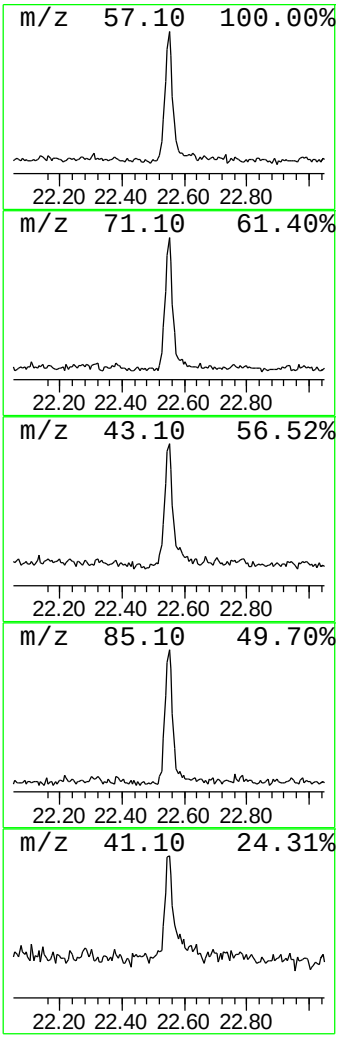
****

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.55	2.31 ng/ul	170129	Chrysene-d12	21.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	98
2	Eicosane	282	C20H42	000112-95-8	89
3	Eicosane, 2-methyl-	296	C21H44	001560-84-5	86
4	Triacontane	422	C30H62	000638-68-6	83
5	Pentacosane	352	C25H52	000629-99-2	83





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080719\
Data File : BG042040.D
Acq On : 7 Aug 2019 20:47
Operator : HP/JU
Sample : K4029-19
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BENT8

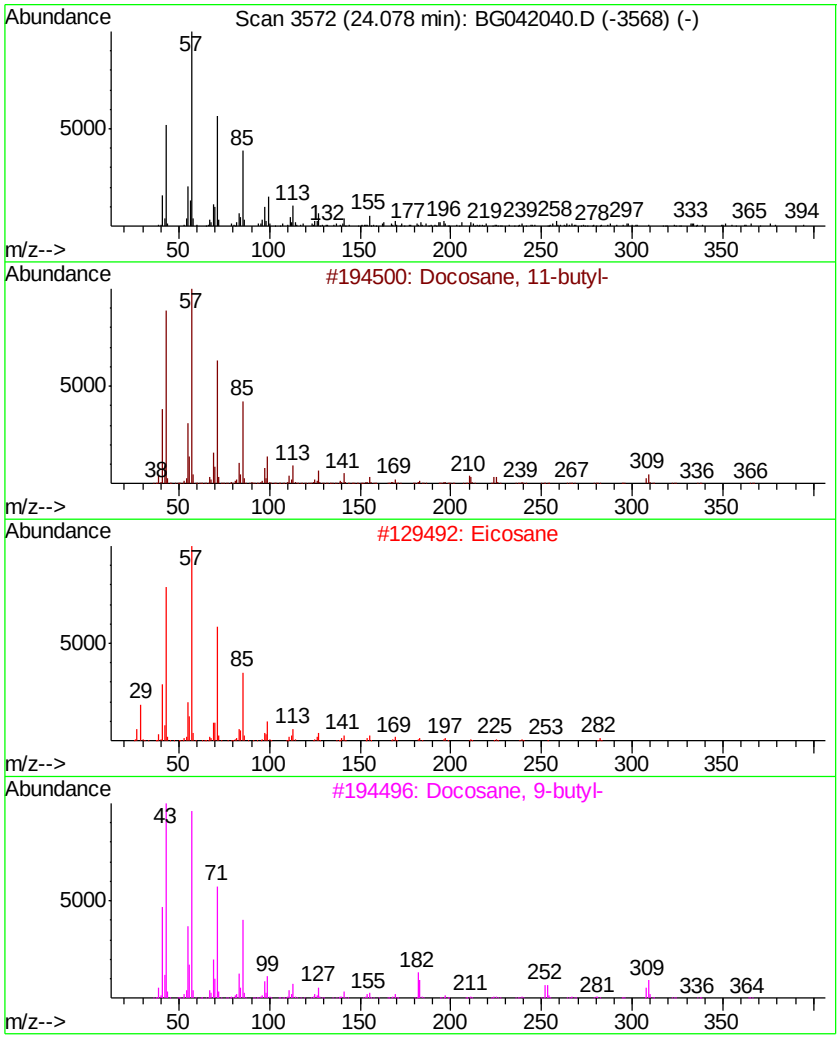
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

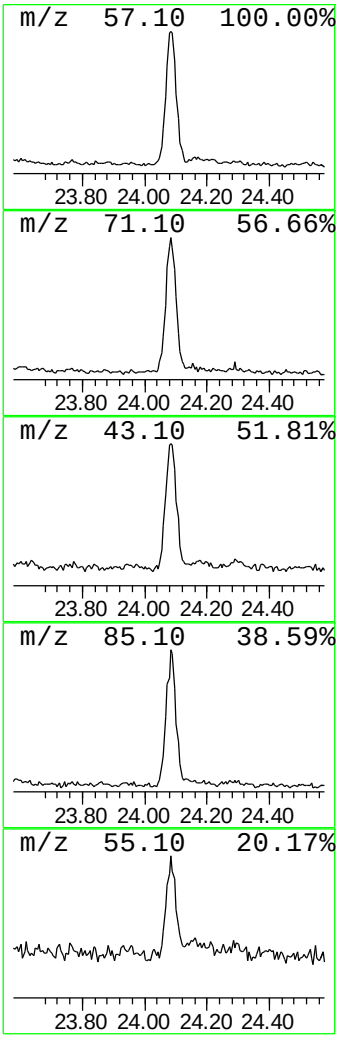
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.08	3.57 ng/ul	239468	Perylene-d12	24.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosane, 11-butyl-	366	C26H54	013475-76-8	93
2	Eicosane	282	C20H42	000112-95-8	93
3	Docosane, 9-butyl-	366	C26H54	055282-14-9	93
4	Docosane, 11-butyl-	366	C26H54	013475-76-8	93
5	Eicosane	282	C20H42	000112-95-8	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080719\
Data File : BG042040.D
Acq On : 7 Aug 2019 20:47
Operator : HP/JU
Sample : K4029-19
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BENT8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

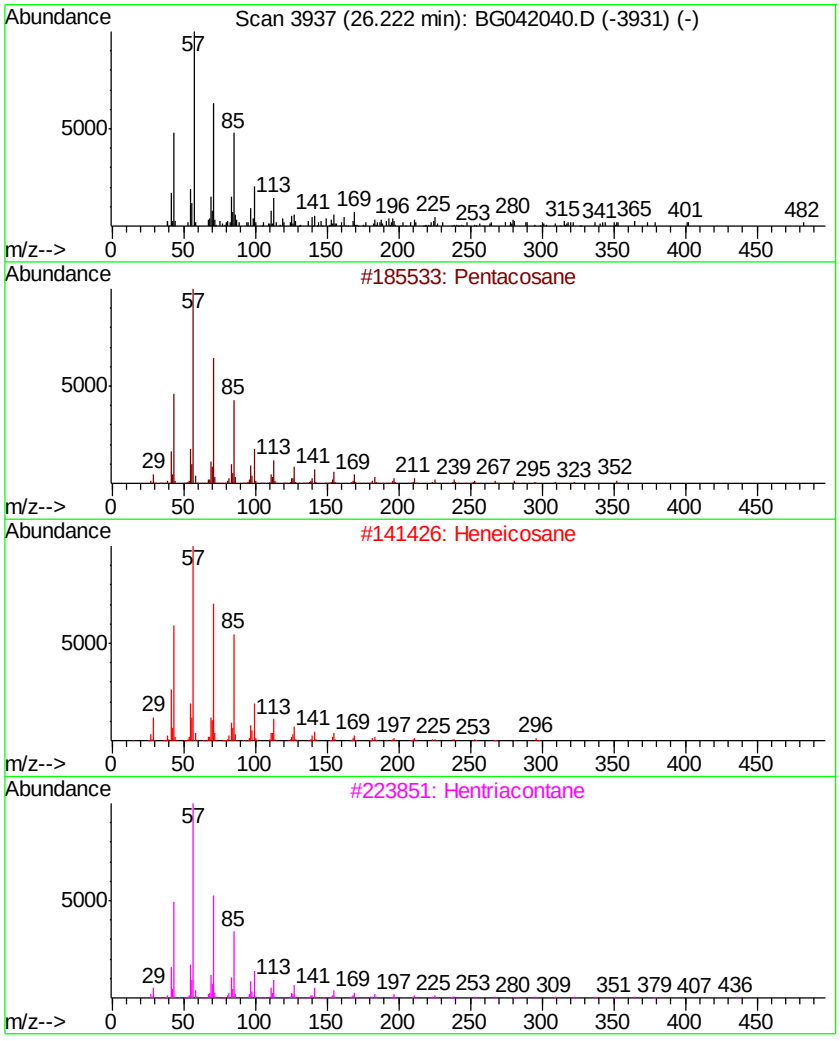
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

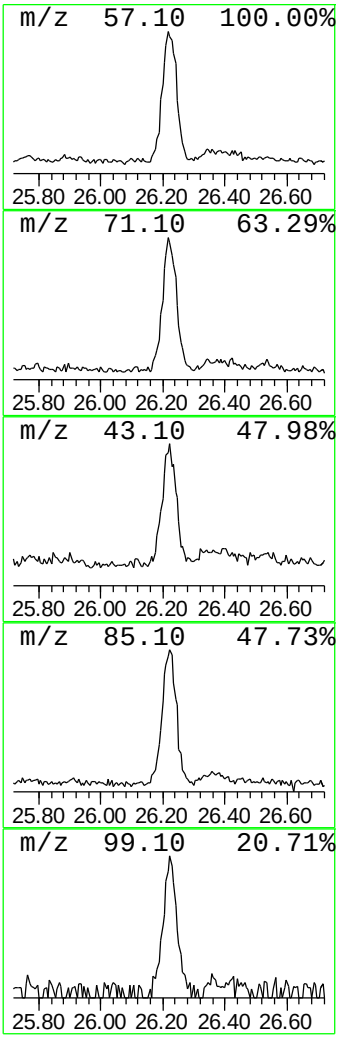
****

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.22	2.42 ng/ul	162436	Perylene-d12	24.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentacosane	352	C25H52	000629-99-2	90
2	Heneicosane	296	C21H44	000629-94-7	74
3	Hentriacontane	437	C31H64	000630-04-6	74
4	Heptadecane	240	C17H36	000629-78-7	72
5	Tetradecane, 2-methyl-	212	C15H32	001560-95-8	72





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG080719\
Data File : BG042040.D
Acq On : 7 Aug 2019 20:47
Operator : HP/JU
Sample : K4029-19
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BENT8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-methoxy...	3.14	103.8	ng/ul	2109810	1	8.03	406396	20.0
n-Hexadecanoic acid	18.33	2.8	ng/ul	161990	4	17.44	1146980	20.0
(DEL) Alkane: Cyc...	21.37	3.2	ng/ul	233380	5	21.72	1475290	20.0
Diisooctyl phthalate	21.62	116.9	ng/ul	8623100	5	21.72	1475290	20.0
(DEL) Alkane: Str...	22.55	2.3	ng/ul	170129	5	21.72	1475290	20.0
(DEL) Alkane: Str...	24.08	3.6	ng/ul	239468	6	24.99	1340810	20.0
(DEL) Alkane: Str...	26.22	2.4	ng/ul	162436	6	24.99	1340810	20.0