LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062119\
Data File : BG041393.D
Acq On : 22 Jun 2019 3:22
Operator : HP/JU
Sample : K3455-09
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-5-DUCT-BANK

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % 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\8270-BG061719.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.117	3	5	16	rVB	156147	190437	9.39%	1.236%
2	4.586	251	255	261	rVB	19388	23964	1.18%	0.156%
3	5.591	420	426	440	rVB	480080	805325	39.72%	5.228%
4	7.213	695	702	714	rBV	557175	955620	47.13%	6.204%
5	7.583	758	765	779	rBV	526117	919400	45.35%	5.969%
6	8.053	838	845	857	rBV	133286	235810	11.63%	1.531%
7	8.376	893	900	916	rBV	399231	679692	33.52%	4.413%
8	9.234	1038	1046	1055	rBV	324239	597424	29.47%	3.879%
9	10.873	1318	1325	1337	rBV	176622	322308	15.90%	2.093%
10	13.311	1733	1740	1753	rBV	885746	1344074	66.29%	8.726%
11	14.140	1875	1881	1890	rBV	79656	123941	6.11%	0.805%
12	14.692	1969	1975	1982	rBV2	317415	496472	24.49%	3.223%
13	16.185	2222	2229	2241	rBV	766375	1203689	59.37%	7.815%
14	17.436	2433	2442	2447	rBV2	405635	661080	32.61%	4.292%
15	17.477	2447	2449	2455	rVV	148947	207086	10.21%	1.344%
16	17.571	2458	2465	2471	rVV2	24087	41279	2.04%	0.268%
17	17.853	2503	2513	2517	rBV3	14823	30310	1.49%	0.197%
18	18.300	2582	2589	2596	rBV4	74889	154753	7.63%	1.005%
19	18.358	2596	2599	2605	rVB2	30472	48953	2.41%	0.318%
20	18.511	2618	2625	2628	rBV3	28622	52813	2.60%	0.343%
21	18.805	2670	2675	2679	rBV	17601	27289	1.35%	0.177%
22	18.858	2679	2684	2691	rVB2	18727	27249	1.34%	0.177%
23	19.369	2766	2771	2777	rVB3	15047	27275	1.35%	0.177%
24	19.487	2785	2791	2797	rBV	335917	475854	23.47%	3.089%
25	19.569	2801	2805	2821	rVV9	31348	77511	3.82%	0.503%
26	19.816	2842	2847	2848	rBV	52283	69266	3.42%	0.450%
27	19.851	2848	2853	2860	rVB	275427	399605	19.71%	2.594%
28	19.910	2860	2863	2867	rBV	14132	21289	1.05%	0.138%
29	20.033	2878	2884	2890	rBV	1511489	2027452	100.00%	13.163%
30	20.162	2903	2906	2913	rVB3	30470	62318	3.07%	0.405%
31	20.303	2925	2930	2932	rBV5	27311	41003	2.02%	0.266%
32	20.333	2932	2935	2941	rVB2	38109	59225	2.92%	0.385%
33	20.432	2948	2952	2956	rBV	19472	30631	1.51%	0.199%
34	20.497	2956	2963	2966	rVV2	23944	46462	2.29%	0.302%

LSC Area Percent Report

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Acq On : 22 Jun 2019 3:22
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Sample : K3455-09
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-5-DUCT-BANK

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % 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\8270-BG061719.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	20.679	2990	2994	3004	rVB7	17039	32082	1.58%	0.208%
36	21.102	3061	3066	3071	rVB	33414	52296	2.58%	0.340%
37	21.284	3092	3097	3100	rBV3	29027	58798	2.90%	0.382%
38	21.326	3101	3104	3109	rVB2	37348	64258	3.17%	0.417%
39	21.437	3120	3123	3129	rVB2	30584	50929	2.51%	0.331%
40	21.713	3161	3170	3174	rBV2	467885	958659	47.28%	6.224%
41	21.754	3174	3177	3185	rVB	125032	201901	9.96%	1.311%
42	21.848	3189	3193	3198	rVB2	26074	37098	1.83%	0.241%
43	21.907	3200	3203	3207	rBV4	19109	30795	1.52%	0.200%
44	22.454	3292	3296	3302	rVB3	47077	81812	4.04%	0.531%
45	23.153	3411	3415	3420	rBV3	37676	66155	3.26%	0.429%
46	23.958	3544	3552	3560	rBV3	109057	344628	17.00%	2.237%
47	24.698	3671	3678	3685	rVB	47840	121346	5.99%	0.788%
48	24.845	3696	3703	3711	rBV2	62217	150980	7.45%	0.980%
49	24.927	3712	3717	3721	rBV3	27778	54466	2.69%	0.354%
50	25.004	3722	3730	3740	rVV	227916	609861	30.08%	3.959%

Sum of corrected areas: 15402923

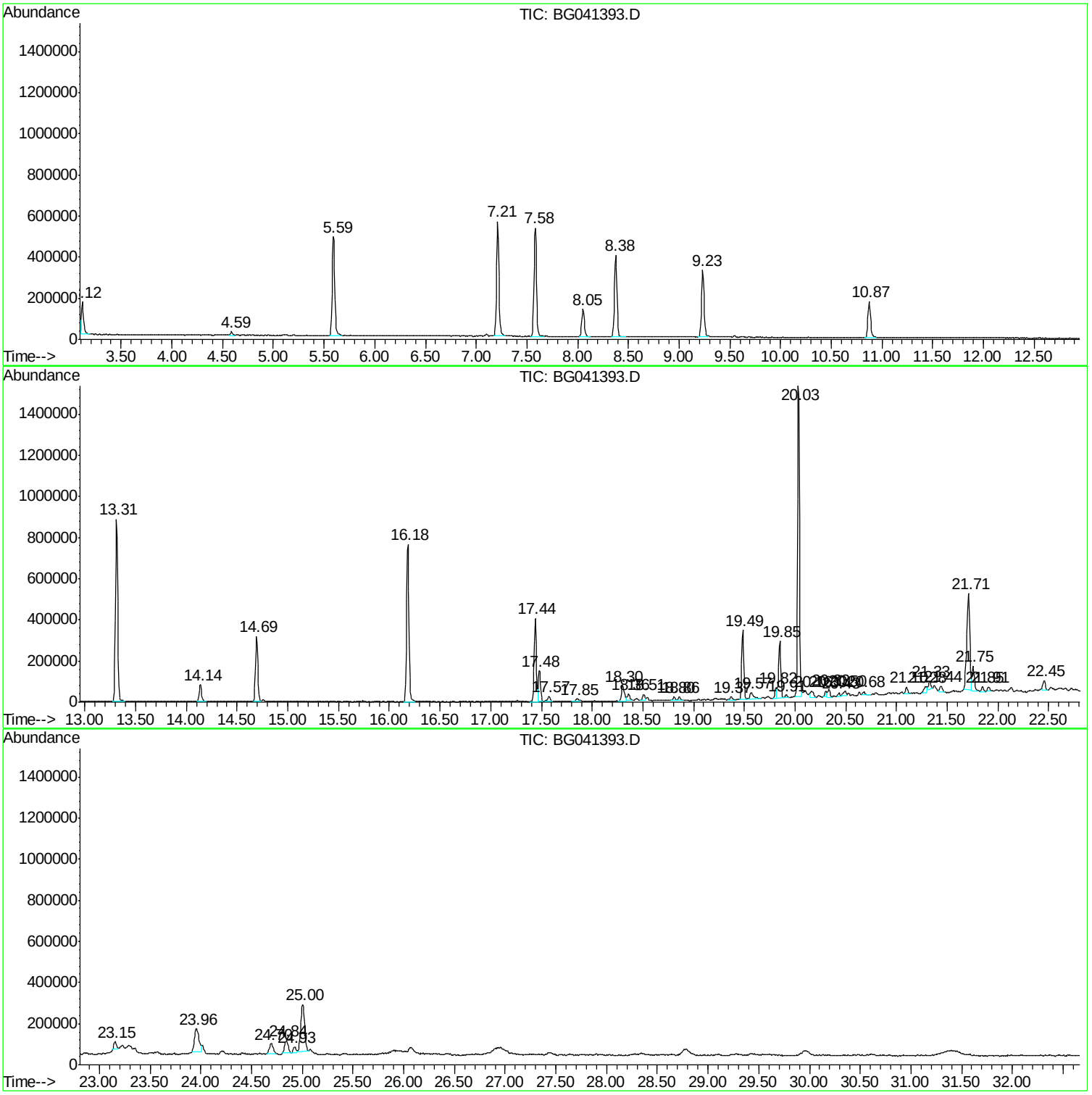
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062119\
Data File : BG041393.D
Acq On : 22 Jun 2019 3:22
Operator : HP/JU
Sample : K3455-09
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-5-DUCT-BANK

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062119\
Data File : BG041393.D
Acq On : 22 Jun 2019 3:22
Operator : HP/JU
Sample : K3455-09
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-5-DUCT-BANK

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

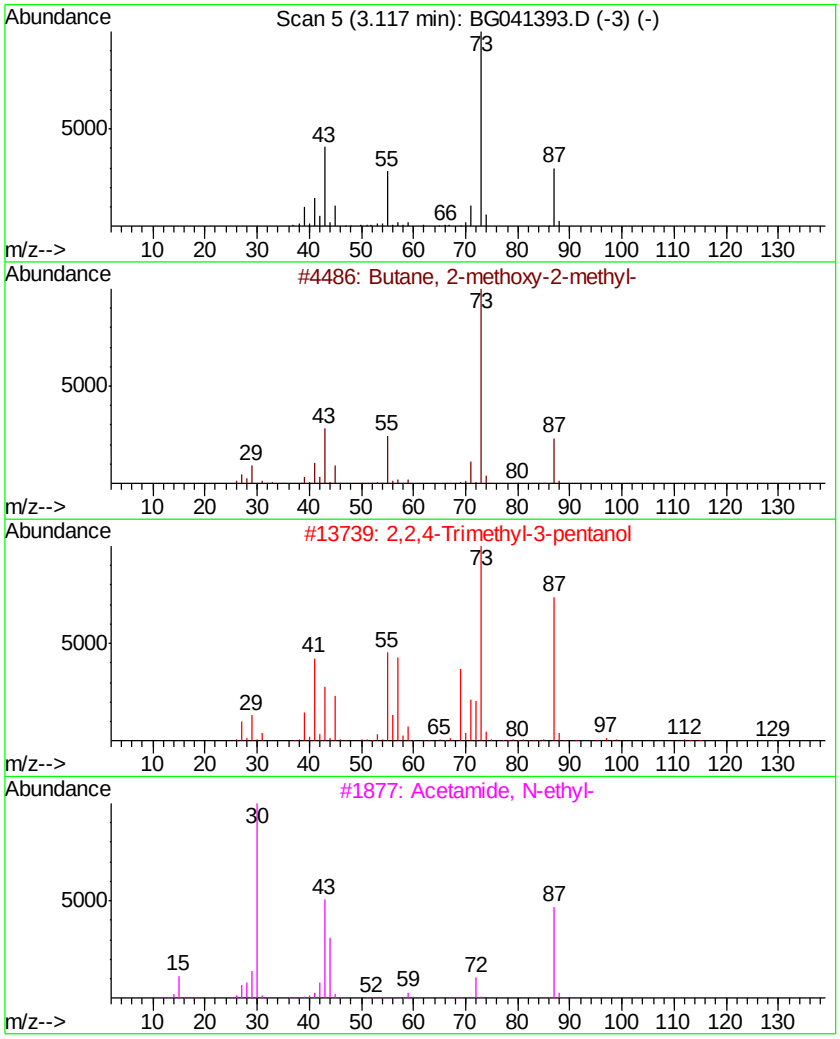
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

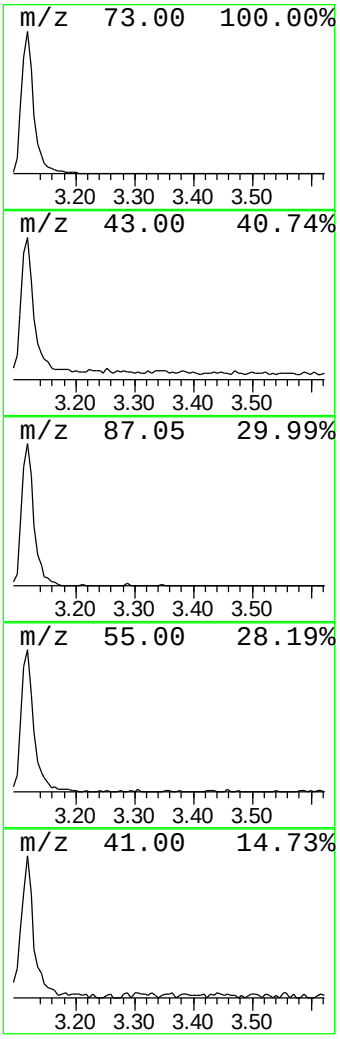
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.12	16.15 ng	190437	1,4-Dichlorobenzene-d4	8.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	59
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	38
3	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	25
4	Silane, tetramethyl-	88	C4H12Si	000075-76-3	23
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062119\
Data File : BG041393.D
Acq On : 22 Jun 2019 3:22
Operator : HP/JU
Sample : K3455-09
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-5-DUCT-BANK

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

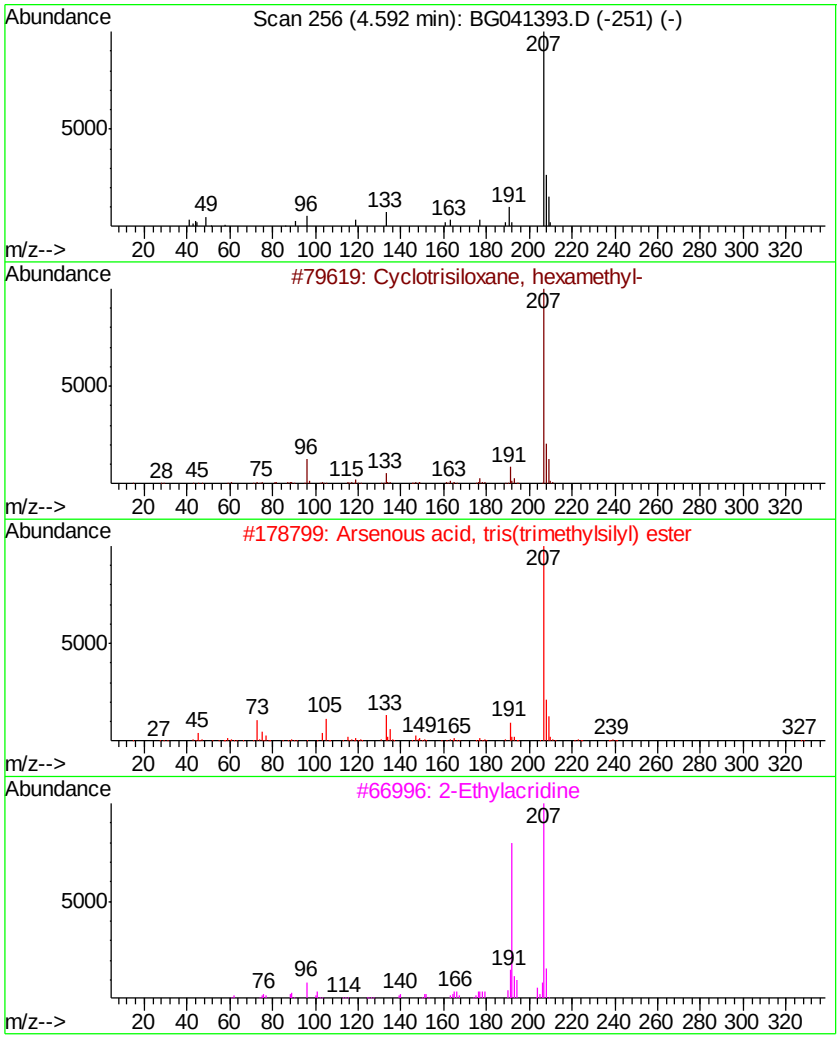
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

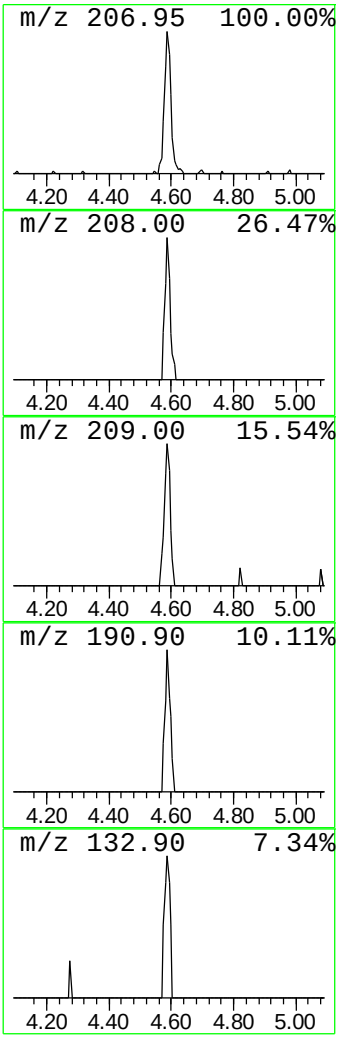
****

Peak Number 2 Cyclotrisiloxane, hexamethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.59	2.03 ng	23964	1,4-Dichlorobenzene-d4	8.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotrisiloxane, hexamethyl-	222	C6H18O3Si3	000541-05-9	74
2	Arsenous acid, tris(trimethylsil...	342	C9H27AsO3Si3	055429-29-3	56
3	2-Ethylacridine	207	C15H13N	055751-83-2	38
4	Indole-2-one, 2,3-dihydro-N-hydr...	207	C11H13NO3	1000129-52-1	9
5	Cyclohexane-1,3-dione, 2-allylam...	207	C12H17NO2	104926-37-6	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062119\
Data File : BG041393.D
Acq On : 22 Jun 2019 3:22
Operator : HP/JU
Sample : K3455-09
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-5-DUCT-BANK

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

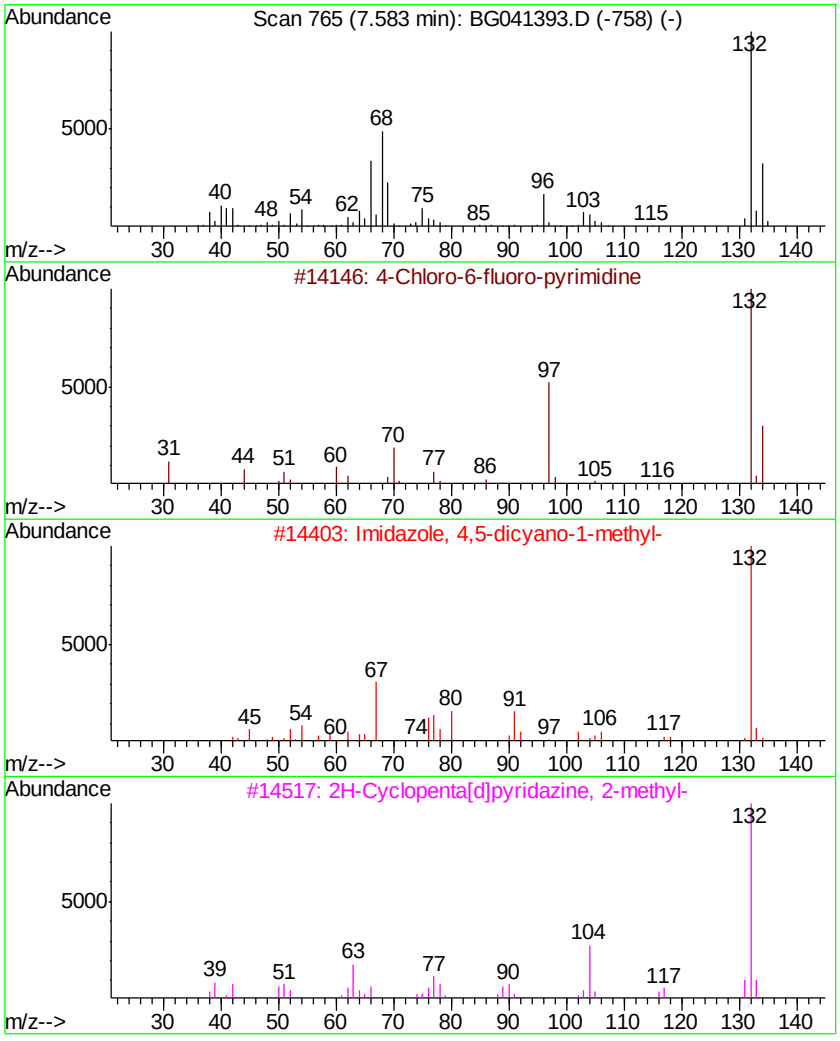
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

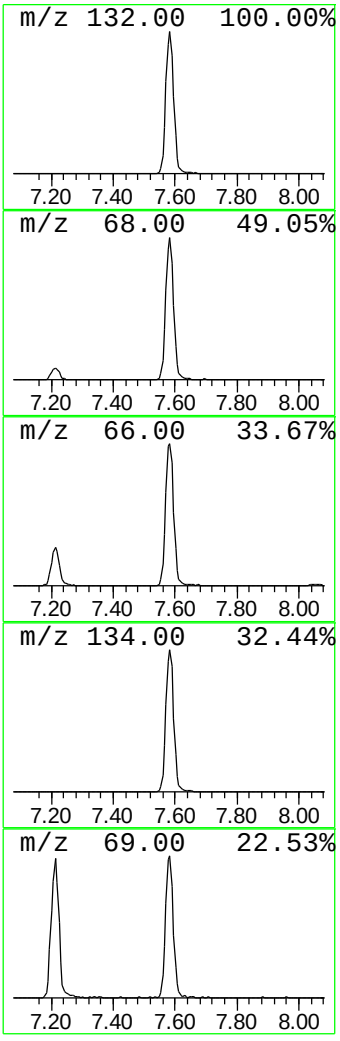
****

Peak Number 3 unknown7.58 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.58	77.98 ng	919400	1,4-Dichlorobenzene-d4	8.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
2	Imidazole, 4,5-dicyano-1-methyl-	132	C6H4N4	019485-35-9	22
3	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	22
4	5-Aminoindole	132	C8H8N2	005192-03-0	22
5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16





Library Search Compound Report

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Acq On : 22 Jun 2019 3:22
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Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-5-DUCT-BANK

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

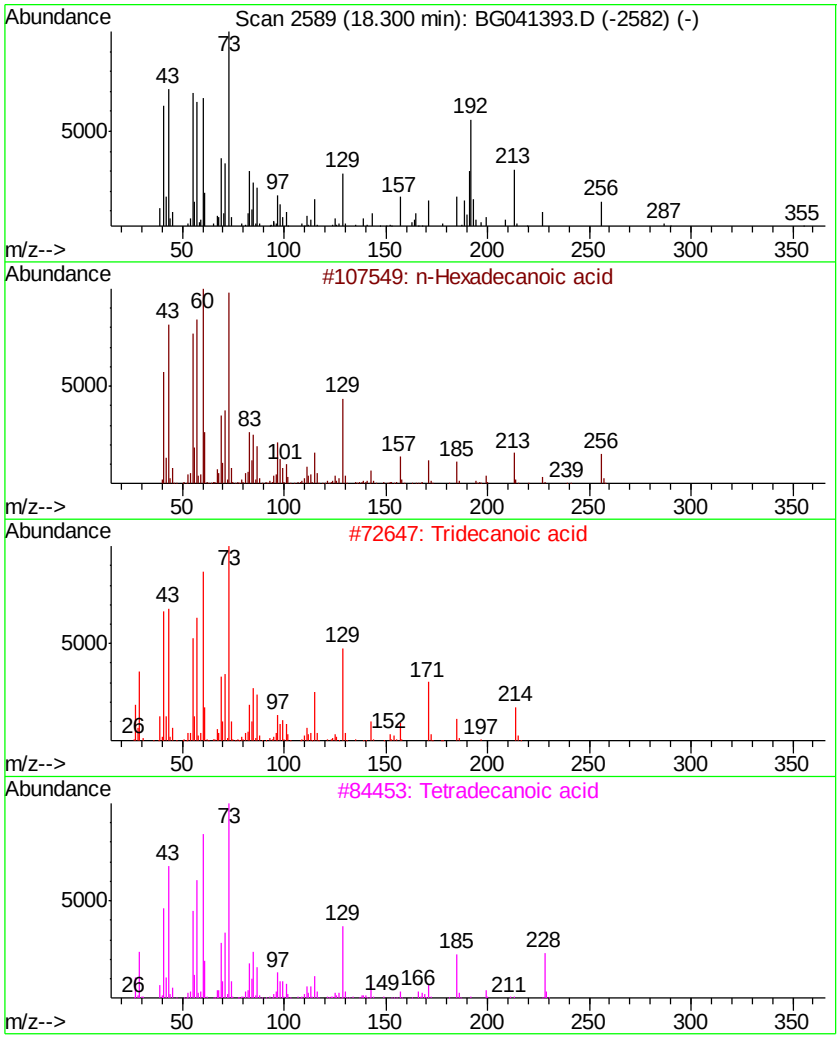
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

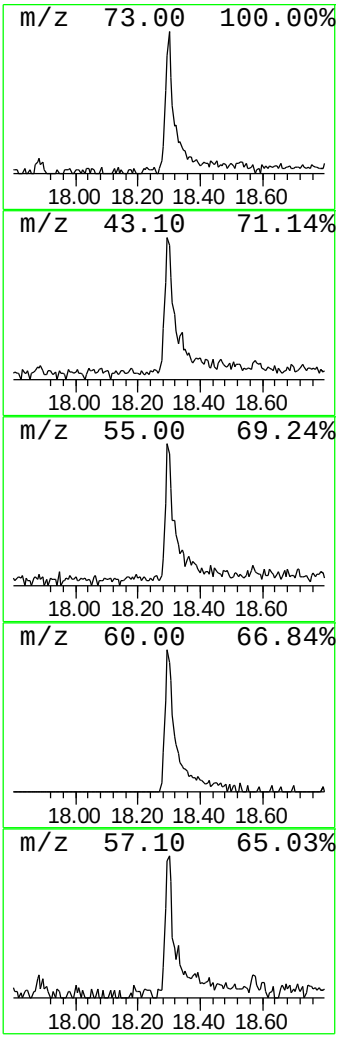
****

Peak Number 5 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.30	4.68 ng	154753	Phenanthrene-d10	17.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
2	Tridecanoic acid	214	C13H26O2	000638-53-9	87
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	45
4	Dodecanoic acid	200	C12H24O2	000143-07-7	43
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	43





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Acq On : 22 Jun 2019 3:22
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Sample : K3455-09
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-5-DUCT-BANK

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

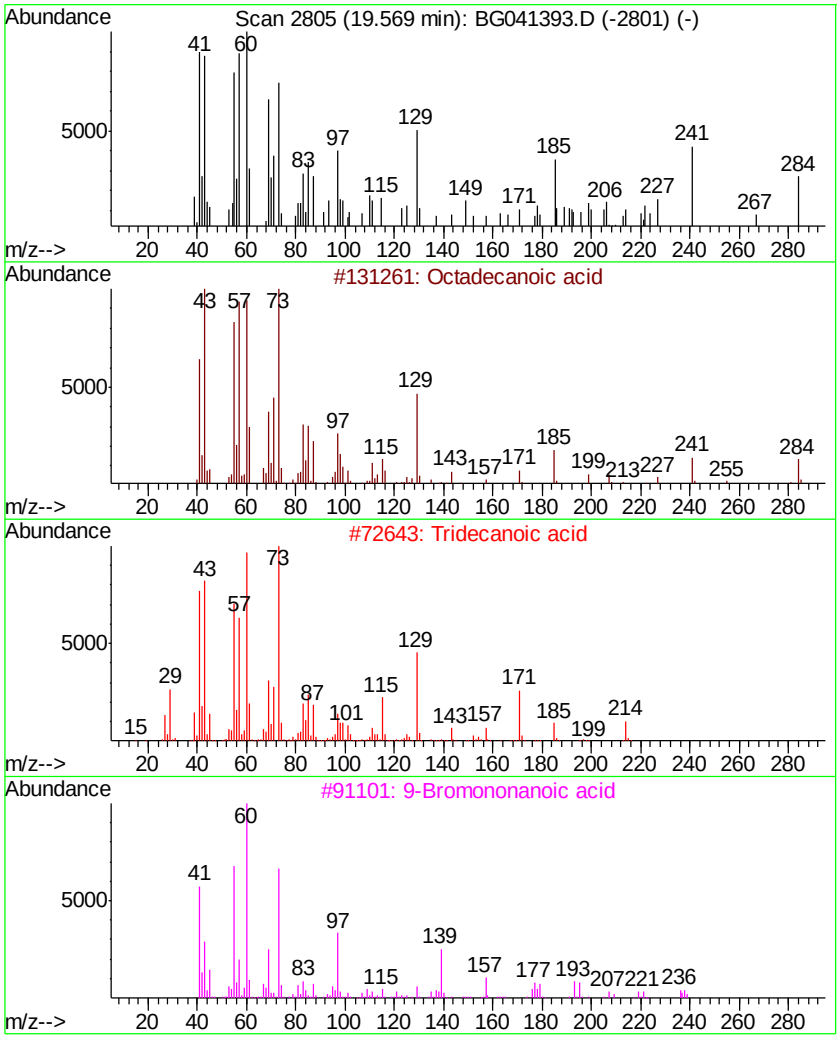
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

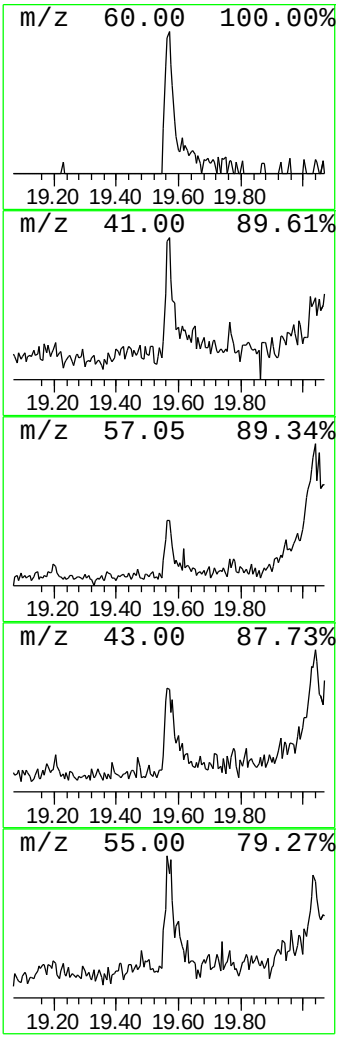
****

Peak Number 6 Octadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.57	2.34 ng	77511	Phenanthrene-d10	17.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	83
2	Tridecanoic acid	214	C13H26O2	000638-53-9	38
3	9-Bromononanoic acid	236	C9H17BrO2	041059-02-3	35
4	Dodecanoic acid	200	C12H24O2	000143-07-7	35
5	n-Decanoic acid	172	C10H20O2	000334-48-5	35





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG062119\
Data File : BG041393.D
Acq On : 22 Jun 2019 3:22
Operator : HP/JU
Sample : K3455-09
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-5-DUCT-BANK

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT 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...	3.12	16.1	ng	190437	1	8.05	235810	20.0
Cyclotrisiloxane,...	4.59	2.0	ng	23964	1	8.05	235810	20.0
unknown7.58	7.58	78.0	ng	919400	1	8.05	235810	20.0
n-Hexadecanoic acid	18.30	4.7	ng	154753	4	17.44	661080	20.0
Octadecanoic acid	19.57	2.3	ng	77511	4	17.44	661080	20.0