LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011719\
Data File : BM018620.D
Acq On : 17 Jan 2019 18:47
Operator : JU/SJ
Sample : K1139-15
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : S-8

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_M\METHODS\8270-BM010919.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	4.881	299	305	312	rBV	322086	471238	4.12%	0.426%
2	5.328	375	381	388	rBV	5427816	7839495	68.52%	7.087%
3	6.916	638	651	662	rBV	5530767	8866080	77.49%	8.015%
4	7.275	704	712	719	rBV	6085352	9457373	82.66%	8.550%
5	7.740	785	791	797	rBV	1484320	2315672	20.24%	2.093%
6	8.058	837	845	857	rVB	4688984	7360418	64.33%	6.654%
7	8.905	980	989	1002	rBV	3572117	6043465	52.82%	5.464%
8	10.528	1259	1265	1271	rBV	1899518	3109372	27.18%	2.811%
9	10.663	1279	1288	1293	rVB2	62890	118272	1.03%	0.107%
10	11.528	1430	1435	1439	rBV2	85968	123363	1.08%	0.112%
11	13.004	1674	1686	1693	rBV	8120210	11440984	100.00%	10.343%
12	13.187	1711	1717	1725	rVB2	83584	141244	1.23%	0.128%
13	13.845	1823	1829	1835	rBV	2072331	2863378	25.03%	2.589%
14	14.269	1894	1901	1908	rVB2	144000	260294	2.28%	0.235%
15	14.387	1909	1921	1928	rBV2	2616406	4162276	36.38%	3.763%
16	15.222	2059	2063	2067	rBV	114627	141940	1.24%	0.128%
17	15.881	2166	2175	2184	rBV	5477585	7804488	68.22%	7.056%
18	16.086	2207	2210	2212	rBV	137062	172893	1.51%	0.156%
19	16.881	2340	2345	2348	rBV2	135892	168449	1.47%	0.152%
20	17.139	2382	2389	2394	rBV	3081138	4312682	37.70%	3.899%
21	17.181	2394	2396	2400	rVB	119322	136330	1.19%	0.123%
22	17.310	2414	2418	2426	rBV7	44563	124347	1.09%	0.112%
23	17.616	2467	2470	2475	rVB3	130944	163425	1.43%	0.148%
24	18.028	2533	2540	2543	rBV2	1084572	1580394	13.81%	1.429%
25	18.198	2565	2569	2574	rVB3	129056	183434	1.60%	0.166%
26	18.316	2585	2589	2594	rBV2	127145	202281	1.77%	0.183%
27	18.516	2619	2623	2627	rBV2	128503	175776	1.54%	0.159%
28	18.933	2689	2694	2700	rBV2	248035	512057	4.48%	0.463%
29	19.075	2714	2718	2726	rBV2	141327	259215	2.27%	0.234%
30	19.198	2734	2739	2745	rVB	1094659	1464225	12.80%	1.324%
31	19.310	2753	2758	2767	rBV2	489405	772009	6.75%	0.698%
32	19.533	2792	2796	2797	rBV2	220418	265650	2.32%	0.240%
33	19.563	2797	2801	2809	rVV	1233269	1764057	15.42%	1.595%
34	19.633	2810	2813	2820	rVB	124797	208225	1.82%	0.188%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011719\
Data File : BM018620.D
Acq On : 17 Jan 2019 18:47
Operator : JU/SJ
Sample : K1139-15
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : S-8

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_M\METHODS\8270-BM010919.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	19.769	2831	2836	2847	rVB	8975402	10611503	92.75%	9.593%
36	19.880	2851	2855	2866	rVB6	153441	426993	3.73%	0.386%
37	21.327	3095	3101	3105	rBV2	3000491	4826411	42.19%	4.363%
38	21.368	3105	3108	3116	rVB	742871	1008061	8.81%	0.911%
39	22.374	3276	3279	3285	rVB	480760	579958	5.07%	0.524%
40	22.886	3363	3366	3369	rBV	552067	821875	7.18%	0.743%
41	23.462	3460	3464	3467	rBV	715112	1139540	9.96%	1.030%
42	23.504	3468	3471	3480	rVB	982345	1658542	14.50%	1.499%
43	23.604	3483	3488	3494	rBV2	1766347	3231253	28.24%	2.921%
44	24.121	3572	3576	3584	rVB	712882	1324032	11.57%	1.197%

Sum of corrected areas: 110612969

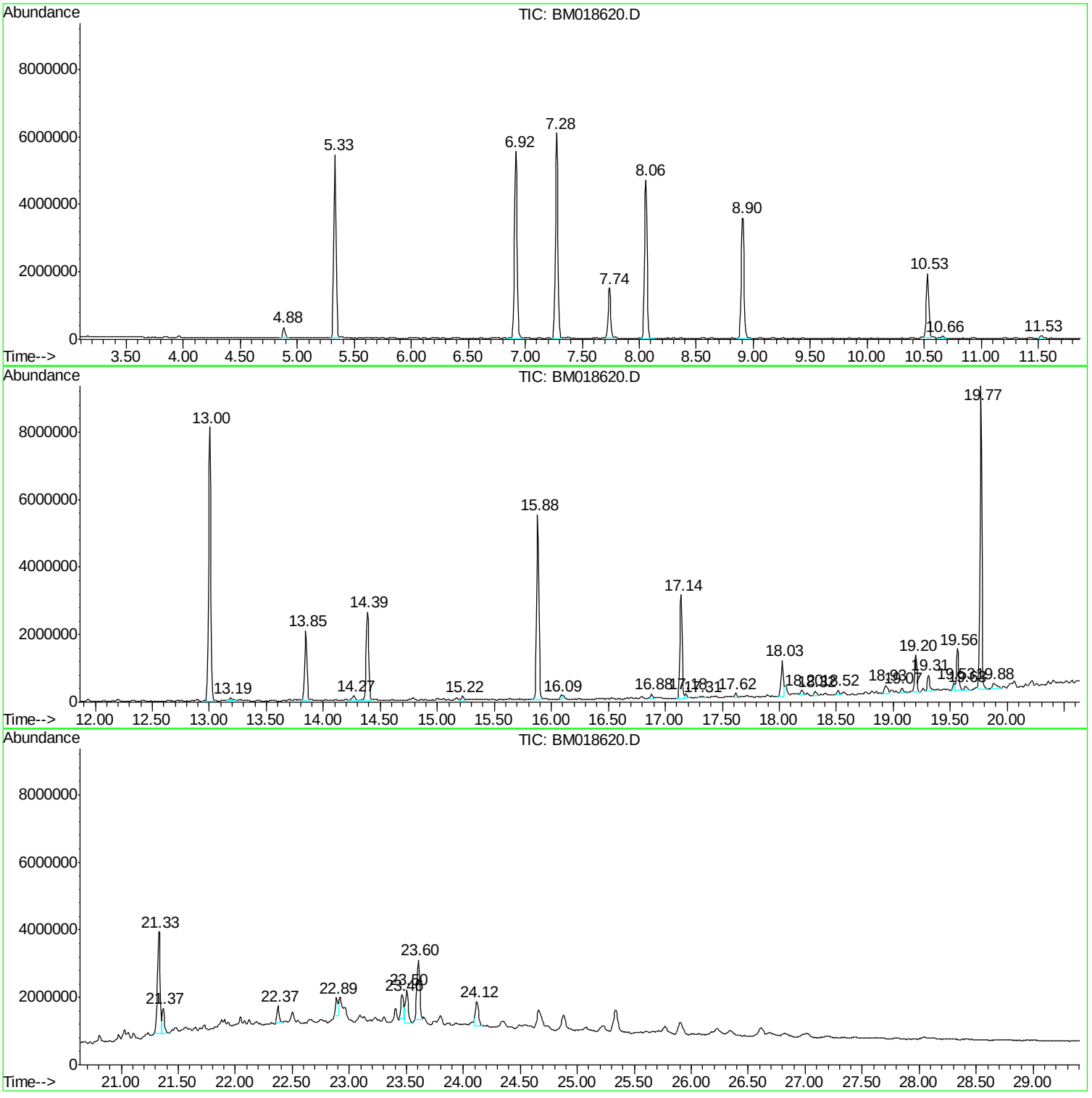
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011719\
Data File : BM018620.D
Acq On : 17 Jan 2019 18:47
Operator : JU/SJ
Sample : K1139-15
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : S-8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011719\
Data File : BM018620.D
Acq On : 17 Jan 2019 18:47
Operator : JU/SJ
Sample : K1139-15
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : S-8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

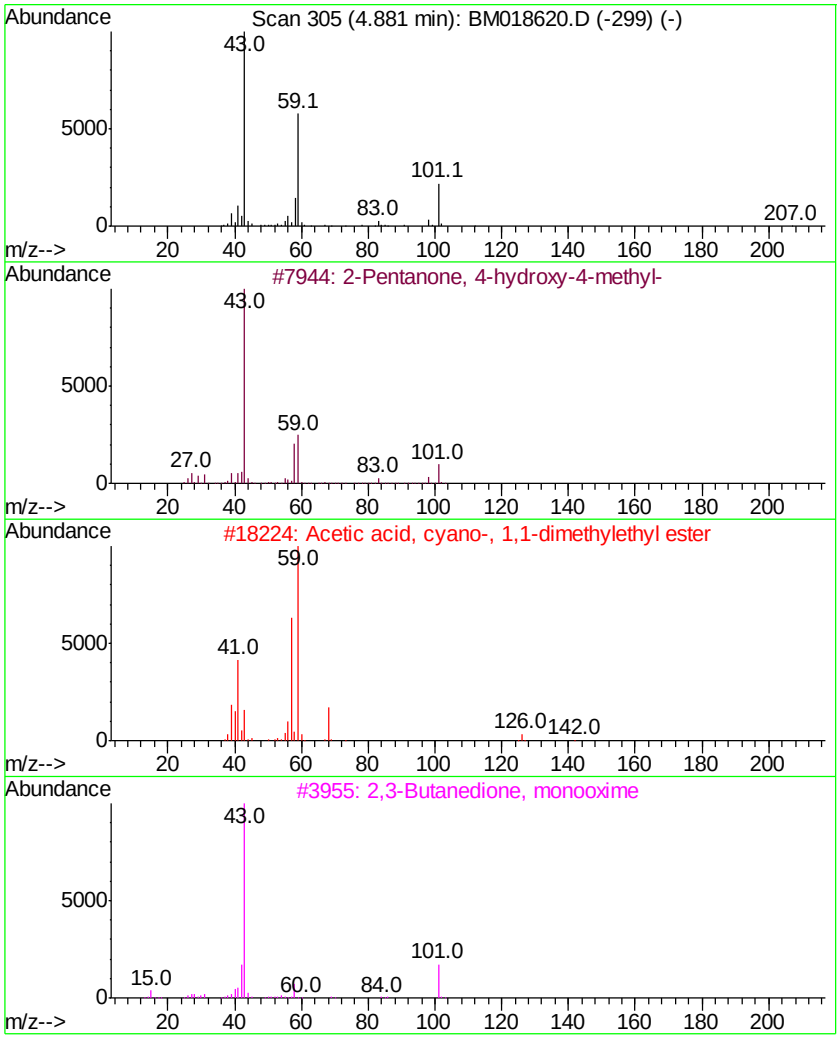
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

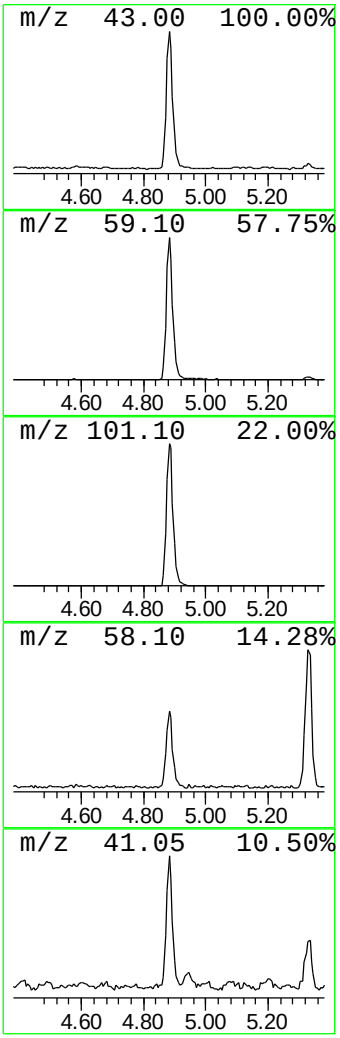
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.88	4.07 ng	471238	1,4-Dichlorobenzene-d4	7.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011719\
Data File : BM018620.D
Acq On : 17 Jan 2019 18:47
Operator : JU/SJ
Sample : K1139-15
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : S-8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

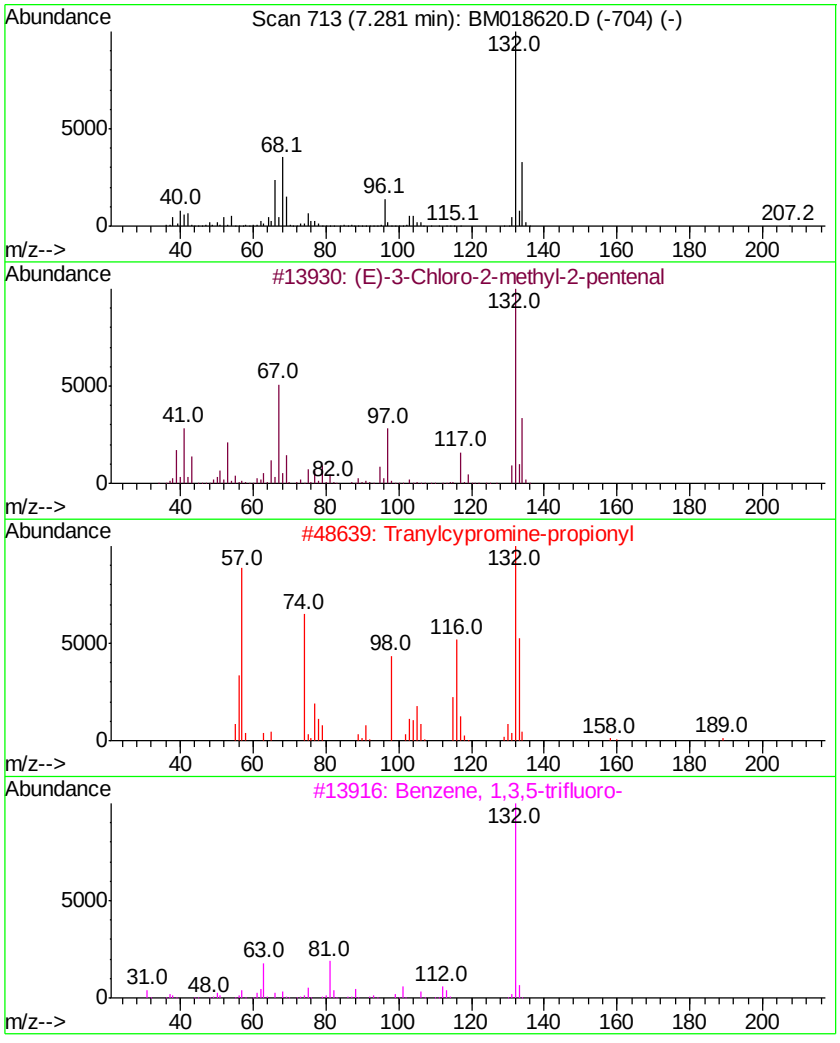
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

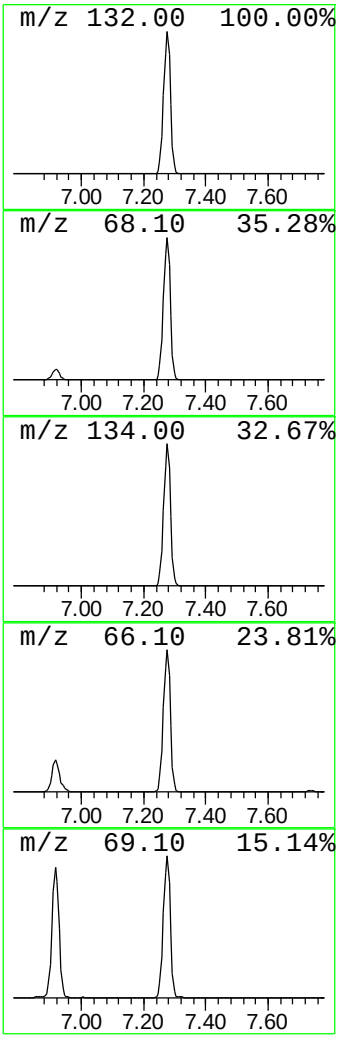
****

Peak Number 2 unknown7.28 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.28	81.68 ng	9457370	1,4-Dichlorobenzene-d4	7.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
3	Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011719\
Data File : BM018620.D
Acq On : 17 Jan 2019 18:47
Operator : JU/SJ
Sample : K1139-15
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : S-8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

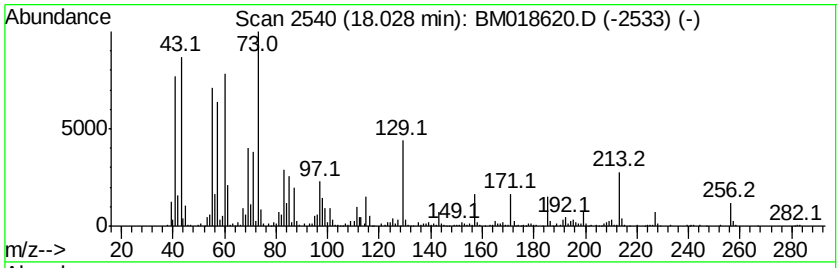
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

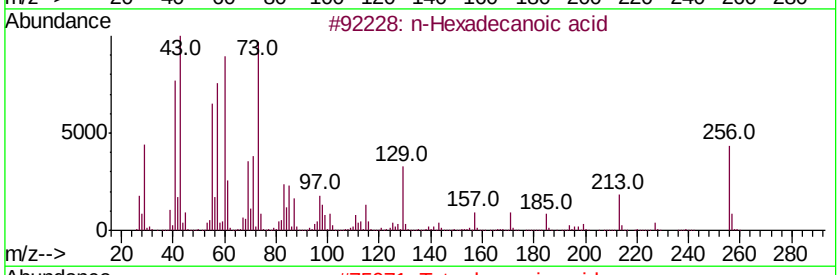
****

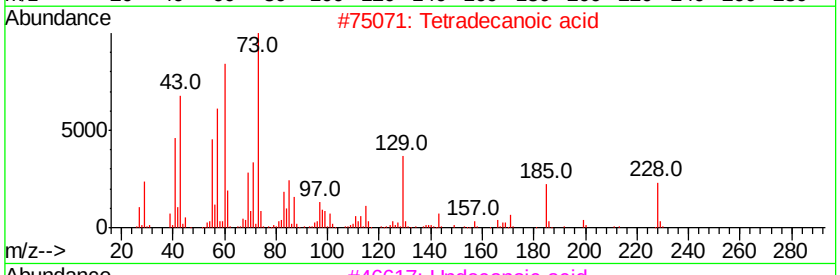
Peak Number 4 n-Hexadecanoic acid Concentration Rank 4

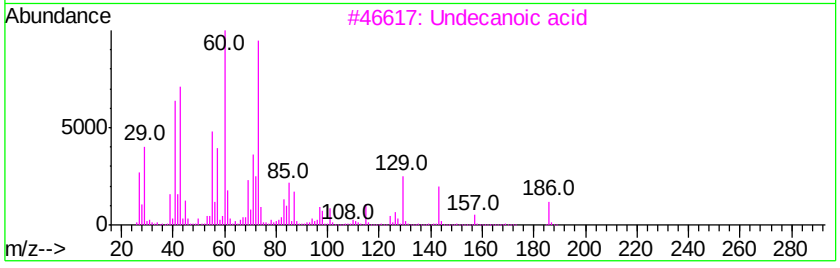
R.T.	EstConc	Area	Relative to ISTD	R.T.
18.03	7.33 ng	1580390	Phenanthrene-d10	17.14

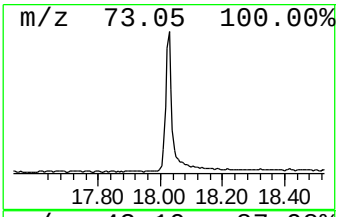
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	91
3	Undecanoic acid	186	C11H22O2	000112-37-8	83
4	Tridecanoic acid	214	C13H26O2	000638-53-9	76
5	n-Decanoic acid	172	C10H20O2	000334-48-5	68

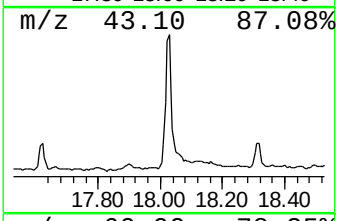


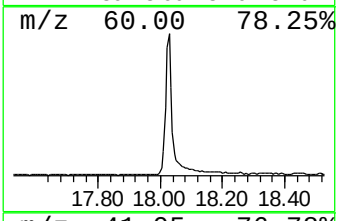


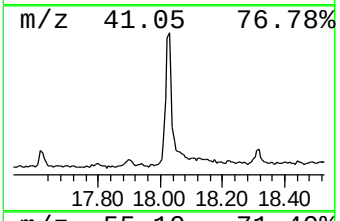


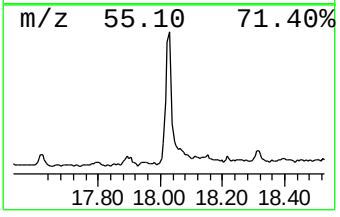












Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011719\
Data File : BM018620.D
Acq On : 17 Jan 2019 18:47
Operator : JU/SJ
Sample : K1139-15
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : S-8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

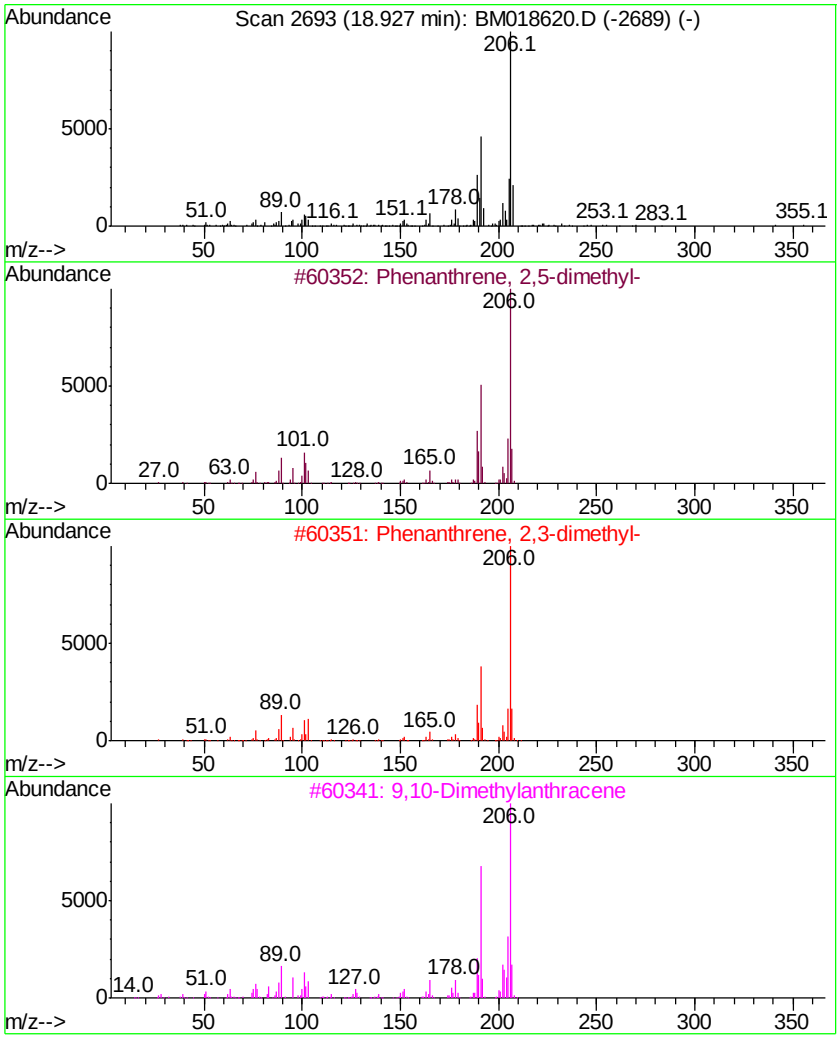
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

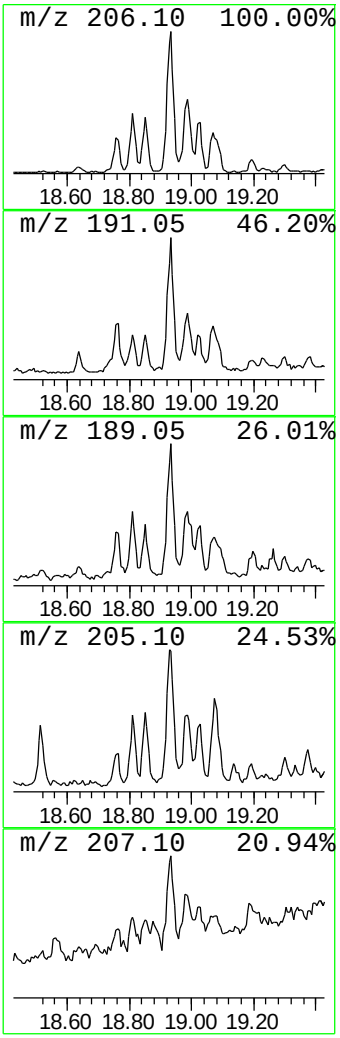
****

Peak Number 5 Phenanthrene, 2,5-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.93	2.37 ng	512057	Phenanthrene-d10	17.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	95
2	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	94
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	90
4	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	89
5	1H-Indene, 2-methyl-3-phenyl-	206	C16H14	035099-60-6	83





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011719\
Data File : BM018620.D
Acq On : 17 Jan 2019 18:47
Operator : JU/SJ
Sample : K1139-15
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : S-8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

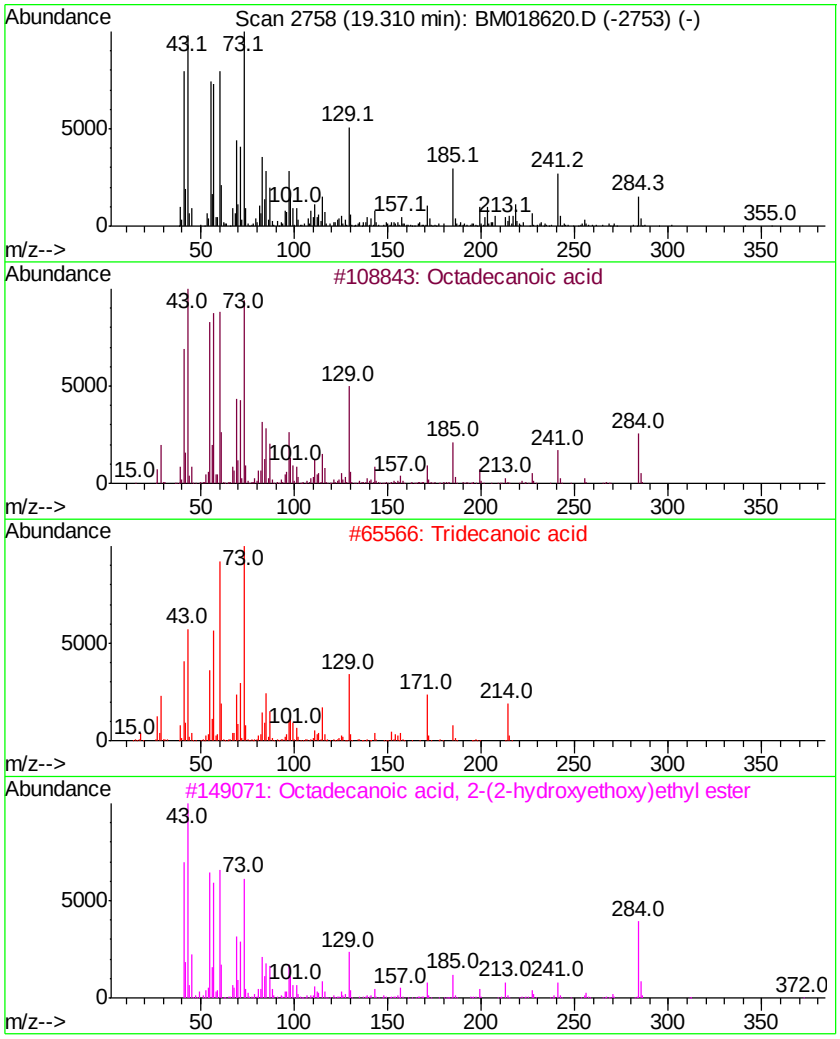
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

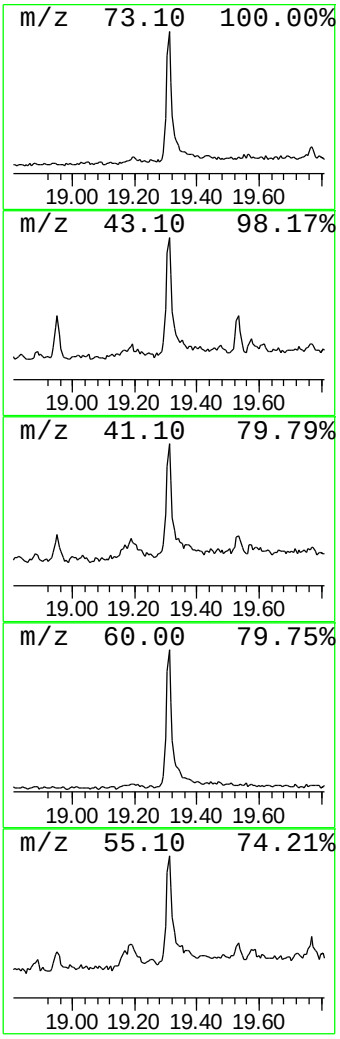
****

Peak Number 6 Octadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.31	3.20 ng	772009	Chrysene-d12	21.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Tridecanoic acid	214	C13H26O2	000638-53-9	90
3	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	83
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	83
5	n-Decanoic acid	172	C10H20O2	000334-48-5	70





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011719\
Data File : BM018620.D
Acq On : 17 Jan 2019 18:47
Operator : JU/SJ
Sample : K1139-15
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : S-8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

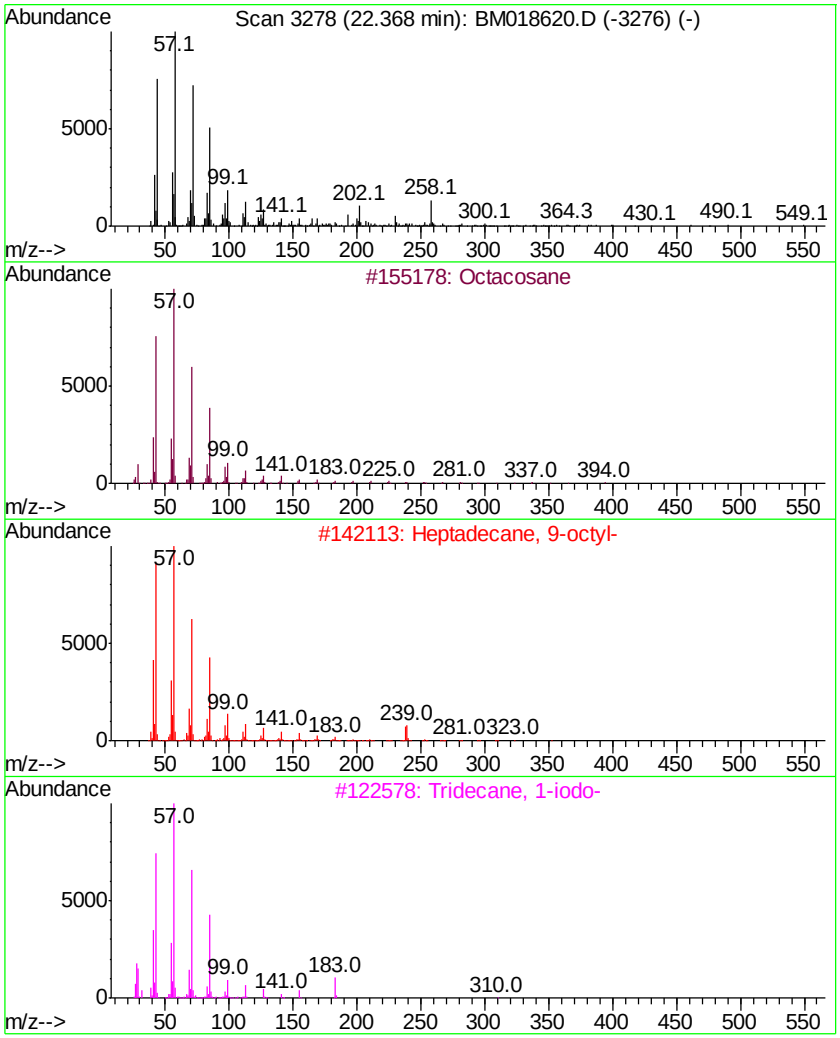
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

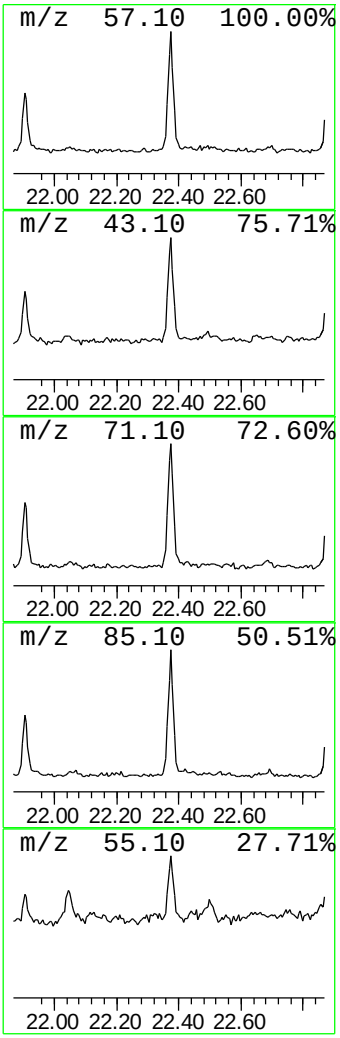
****

Peak Number 7 Octacosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.37	2.40 ng	579958	Chrysene-d12	21.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	96
2	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	94
3	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	94
4	Octadecane	254	C18H38	000593-45-3	93
5	Eicosane, 10-methyl-	296	C21H44	054833-23-7	93





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011719\
Data File : BM018620.D
Acq On : 17 Jan 2019 18:47
Operator : JU/SJ
Sample : K1139-15
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : S-8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

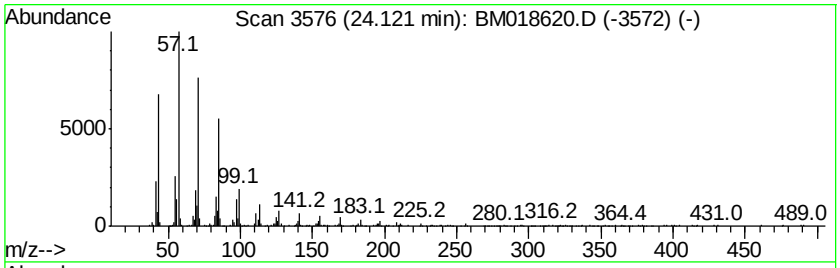
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

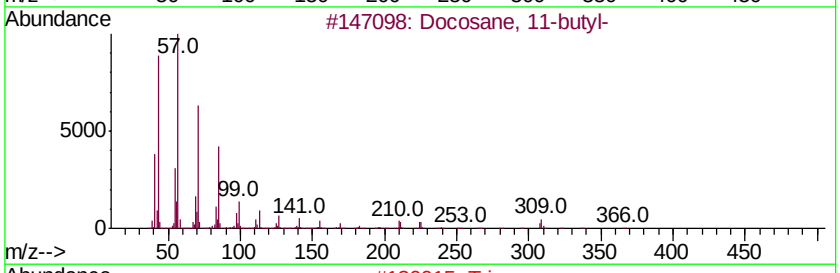
****

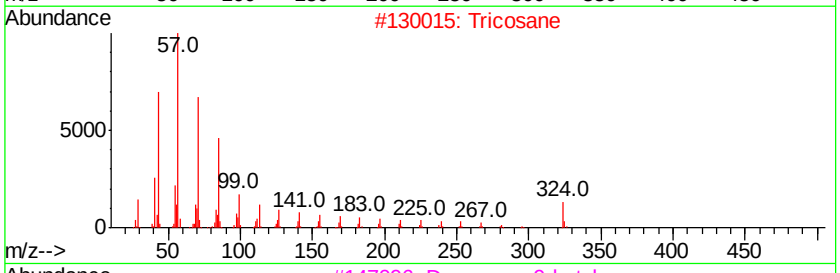
Peak Number 8 Docosane, 11-butyl- Concentration Rank 3

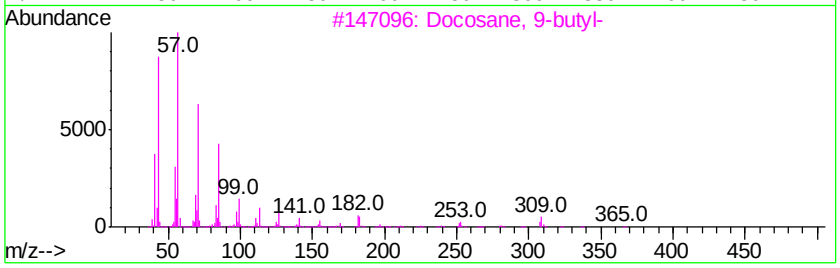
R.T.	EstConc	Area	Relative to ISTD	R.T.
24.12	8.20 ng	1324030	Perylene-d12	23.60

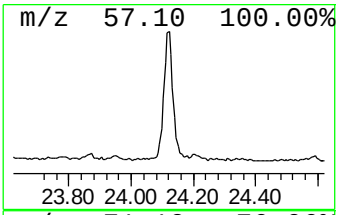
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosane, 11-butyl-	366	C26H54	013475-76-8	95
2	Tricosane	324	C23H48	000638-67-5	94
3	Docosane, 9-butyl-	366	C26H54	055282-14-9	94
4	Heneicosane, 11-pentyl-	366	C26H54	014739-72-1	93
5	Tetratriacontane	479	C34H70	014167-59-0	91

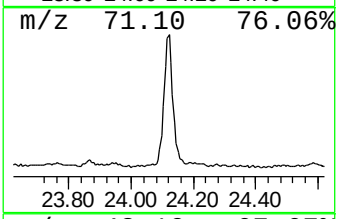


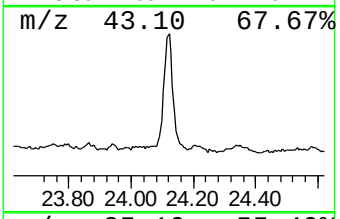


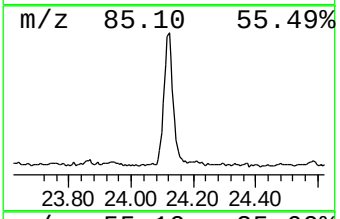


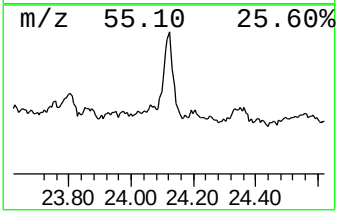












Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM011719\
Data File : BM018620.D
Acq On : 17 Jan 2019 18:47
Operator : JU/SJ
Sample : K1139-15
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : S-8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	4.88	4.1	ng	471238	1	7.74	2315670	20.0
unknown7.28	7.28	81.7	ng	9457370	1	7.74	2315670	20.0
n-Hexadecanoic acid	18.03	7.3	ng	1580390	4	17.14	4312680	20.0
Phenanthrene, 2,5...	18.93	2.4	ng	512057	4	17.14	4312680	20.0
Octadecanoic acid	19.31	3.2	ng	772009	5	21.33	4826410	20.0
Octacosane	22.37	2.4	ng	579958	5	21.33	4826410	20.0
Docosane, 11-butyl-	24.12	8.2	ng	1324030	6	23.60	3231250	20.0