LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011719\
Data File : BM018619.D
Acq On : 17 Jan 2019 18:11
Operator : JU/SJ
Sample : K1139-13
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : S-7

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	300	305	312	rBV	239370	342407	3.74%	0.361%
2	5.328	375	381	388	rBV	4517516	6401106	69.93%	6.746%
3	6.916	639	651	664	rBV	4543672	7140096	78.00%	7.524%
4	7.275	704	712	720	rBV	4853525	7532432	82.29%	7.938%
5	7.739	785	791	797	rBV	1406793	2150291	23.49%	2.266%
6	8.057	837	845	857	rVB	3605964	5726528	62.56%	6.035%
7	8.904	980	989	1001	rBV	2732935	4583968	50.08%	4.831%
8	10.528	1259	1265	1272	rBV	1786523	2946241	32.19%	3.105%
9	13.004	1674	1686	1701	rBV	6155461	9153991	100.00%	9.647%
10	13.269	1725	1731	1738	rBV	253495	384480	4.20%	0.405%
11	13.704	1800	1805	1809	rBV	56731	93780	1.02%	0.099%
12	13.845	1823	1829	1835	rBV	1681083	2319201	25.34%	2.444%
13	14.268	1893	1901	1910	rVB2	80910	177962	1.94%	0.188%
14	14.386	1910	1921	1928	rBV2	2565479	3971465	43.39%	4.185%
15	14.780	1983	1988	1996	rVB3	63221	119467	1.31%	0.126%
16	15.168	2047	2054	2058	rBV4	59381	115664	1.26%	0.122%
17	15.498	2102	2110	2115	rVB4	186408	269895	2.95%	0.284%
18	15.880	2166	2175	2184	rBV	4761041	6613221	72.24%	6.969%
19	16.104	2206	2213	2220	rBV4	109499	243228	2.66%	0.256%
20	16.439	2261	2270	2275	rBV6	62587	175159	1.91%	0.185%
21	16.798	2326	2331	2336	rBV4	67764	123552	1.35%	0.130%
22	16.880	2339	2345	2348	rVV3	86407	137525	1.50%	0.145%
23	17.139	2383	2389	2393	rBV	3000316	4248060	46.41%	4.477%
24	17.180	2393	2396	2401	rVB	233307	314095	3.43%	0.331%
25	17.321	2414	2420	2425	rBV2	78835	190409	2.08%	0.201%
26	17.421	2431	2437	2446	rVB4	94653	290540	3.17%	0.306%
27	17.556	2454	2460	2466	rBV7	48432	147517	1.61%	0.155%
28	17.615	2467	2470	2474	rVB2	108504	139921	1.53%	0.147%
29	18.021	2533	2539	2543	rBV2	815821	1370160	14.97%	1.444%
30	18.056	2543	2545	2551	rVB	399072	531588	5.81%	0.560%
31	18.198	2565	2569	2574	rVV2	182865	270869	2.96%	0.285%
32	18.245	2574	2577	2582	rVB	122695	174450	1.91%	0.184%
33	18.315	2585	2589	2594	rBV3	89622	140917	1.54%	0.149%
34	18.398	2600	2603	2610	rVB3	69057	121693	1.33%	0.128%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011719\
Data File : BM018619.D
Acq On : 17 Jan 2019 18:11
Operator : JU/SJ
Sample : K1139-13
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : S-7

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	18.515	2618	2623	2628	rBV2	166143	264081	2.88%	0.278%
36	18.762	2661	2665	2669	rBV	108753	136566	1.49%	0.144%
37	18.809	2670	2673	2677	rVV	138649	186004	2.03%	0.196%
38	18.851	2677	2680	2683	rVB	103391	119836	1.31%	0.126%
39	18.933	2689	2694	2699	rBV2	316475	565583	6.18%	0.596%
40	18.986	2699	2703	2707	rVV2	119527	199285	2.18%	0.210%
41	19.021	2707	2709	2714	rVB	103176	124898	1.36%	0.132%
42	19.068	2714	2717	2723	rBV2	99976	194659	2.13%	0.205%
43	19.198	2734	2739	2745	rVB	286441	449873	4.91%	0.474%
44	19.262	2745	2750	2753	rBV	145859	212439	2.32%	0.224%
45	19.309	2753	2758	2767	rVV5	236490	391673	4.28%	0.413%
46	19.533	2793	2796	2798	rBV2	90716	103453	1.13%	0.109%
47	19.568	2798	2802	2810	rVV2	176586	344366	3.76%	0.363%
48	19.639	2810	2814	2820	rVB	134899	202564	2.21%	0.213%
49	19.768	2831	2836	2846	rVB	7020009	8702297	95.07%	9.171%
50	19.880	2852	2855	2859	rBV2	96268	135903	1.48%	0.143%
51	20.062	2884	2886	2894	rVB4	151920	212629	2.32%	0.224%
52	20.568	2969	2972	2975	rVB3	108195	119026	1.30%	0.125%
53	21.027	3047	3050	3054	rBV	263361	284748	3.11%	0.300%
54	21.327	3096	3101	3106	rBV	2772402	3761708	41.09%	3.964%
55	21.903	3197	3199	3203	rVB	196565	196979	2.15%	0.208%
56	22.374	3275	3279	3292	rVB	533066	721918	7.89%	0.761%
57	22.886	3362	3366	3375	rBV2	754309	1198665	13.09%	1.263%
58	23.462	3459	3464	3469	rBV	935745	1535529	16.77%	1.618%
59	23.603	3482	3488	3501	rVB	1751156	3338860	36.47%	3.519%
60	24.121	3570	3576	3587	rVB	750338	1526909	16.68%	1.609%
61	24.880	3700	3705	3713	rVB	468679	1000585	10.93%	1.054%

Sum of corrected areas: 94892914

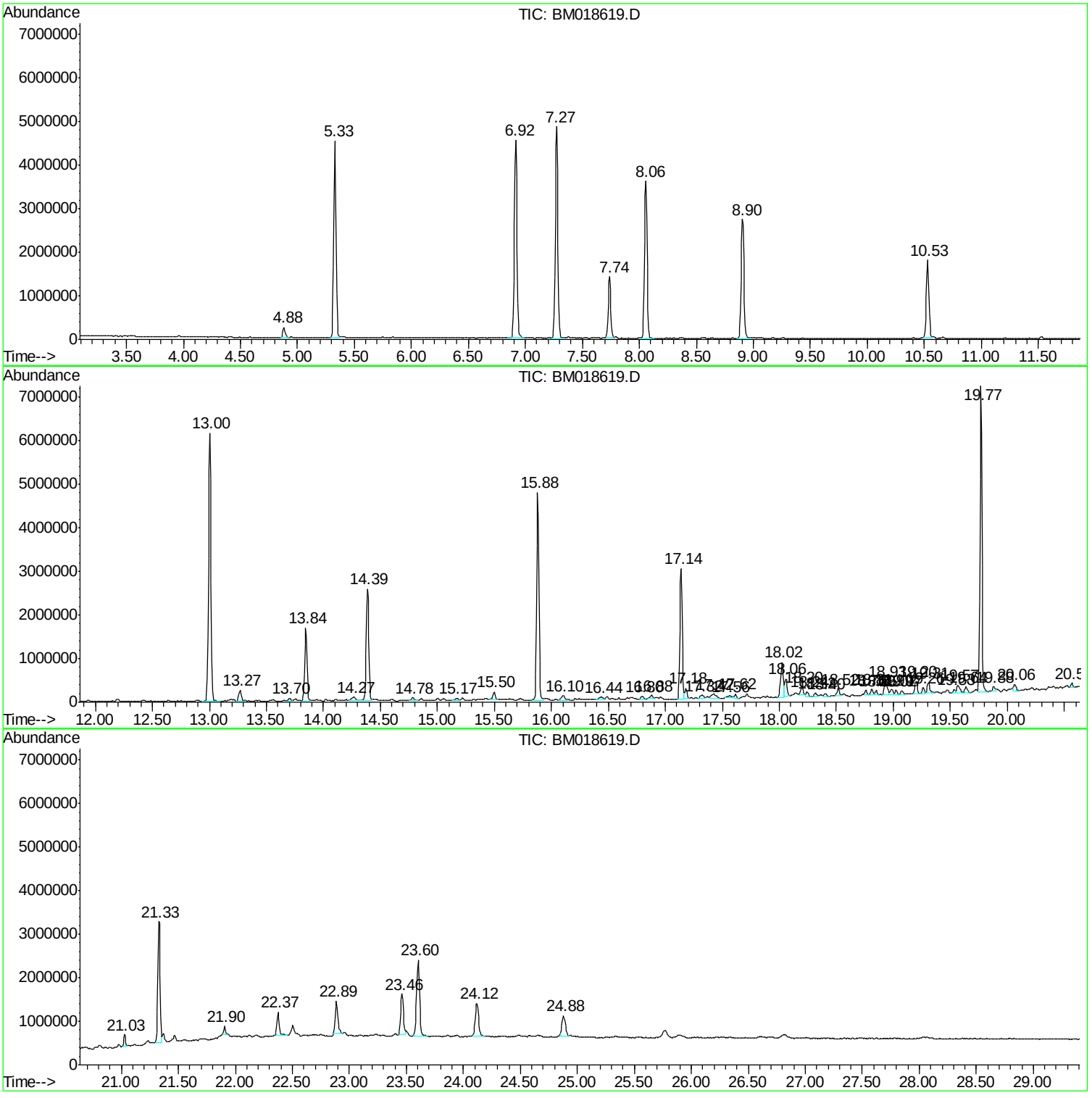
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011719\
Data File : BM018619.D
Acq On : 17 Jan 2019 18:11
Operator : JU/SJ
Sample : K1139-13
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : S-7

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011719\
Data File : BM018619.D
Acq On : 17 Jan 2019 18:11
Operator : JU/SJ
Sample : K1139-13
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : S-7

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

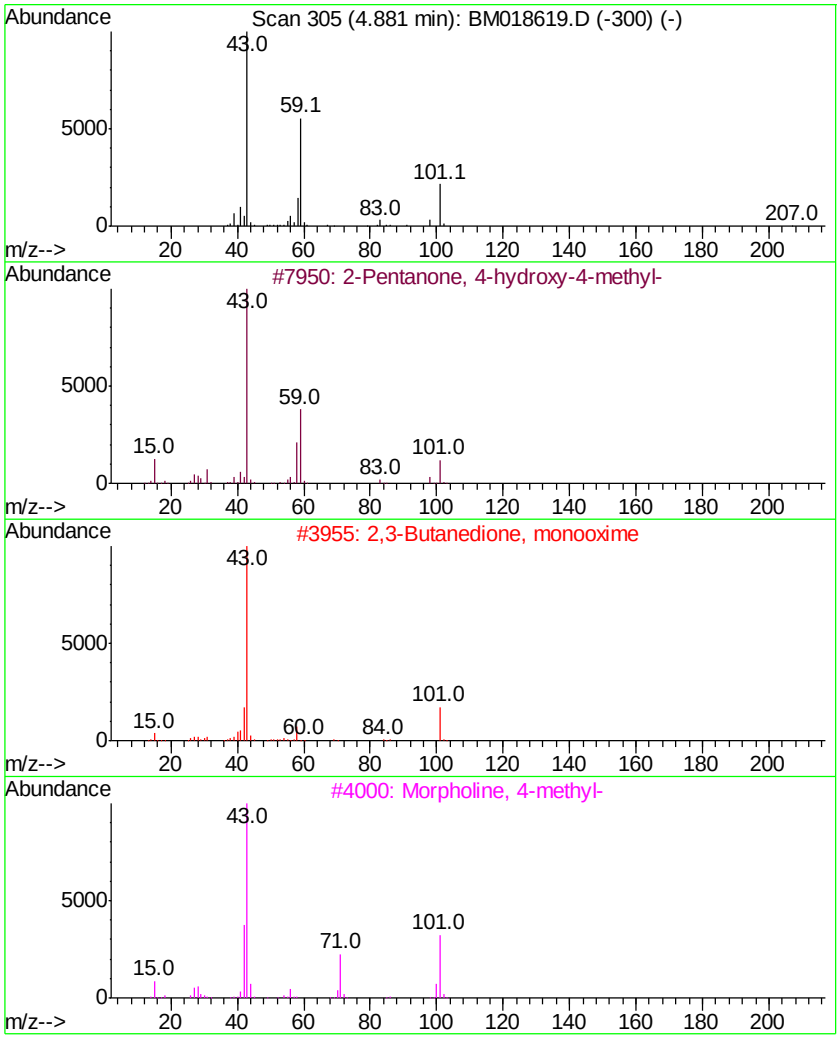
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

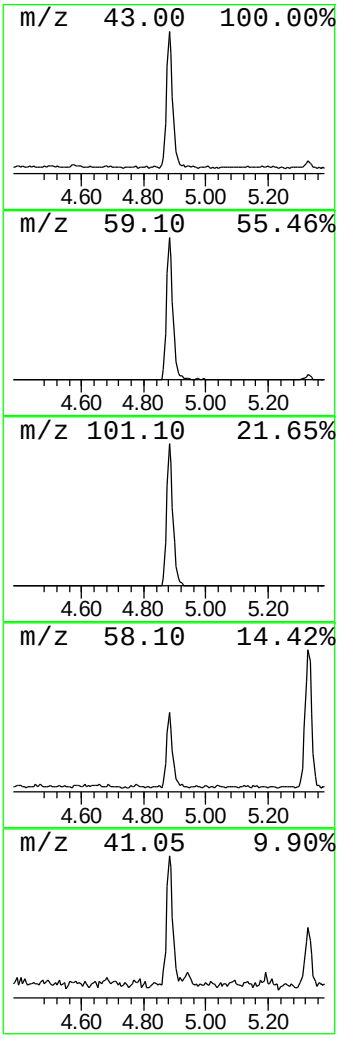
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.88	3.18 ng	342407	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	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
3	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
4	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	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 : BM018619.D
Acq On : 17 Jan 2019 18:11
Operator : JU/SJ
Sample : K1139-13
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : S-7

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

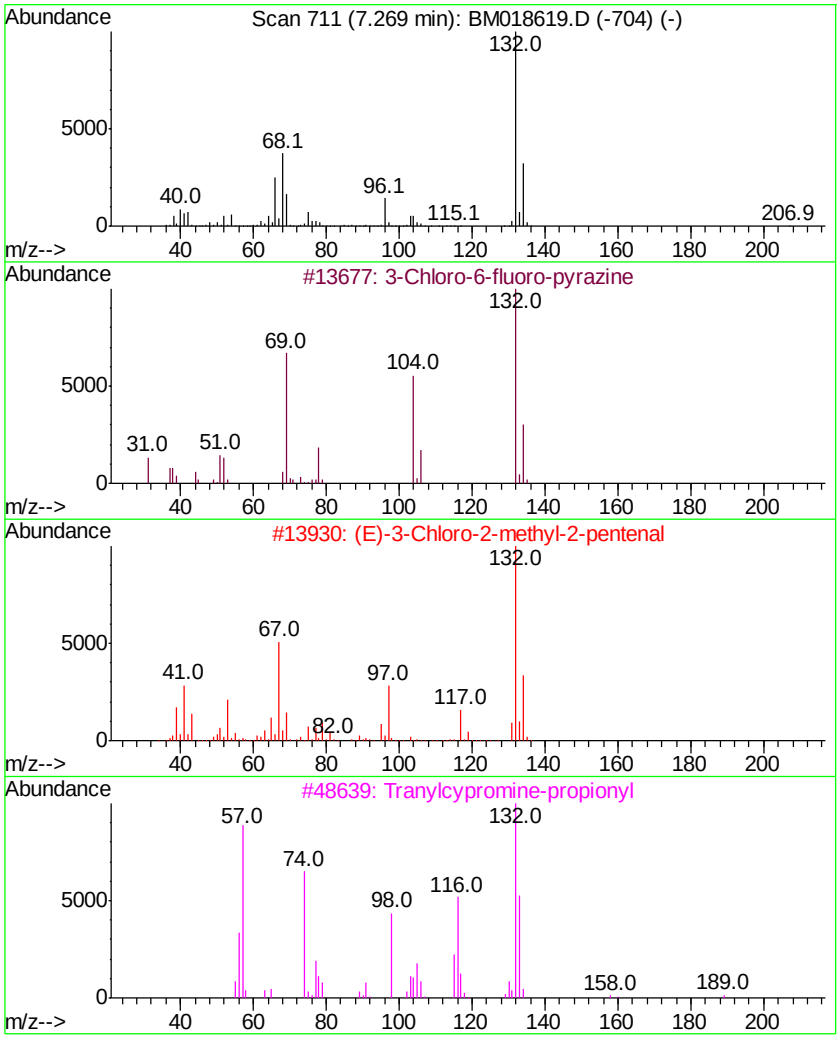
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

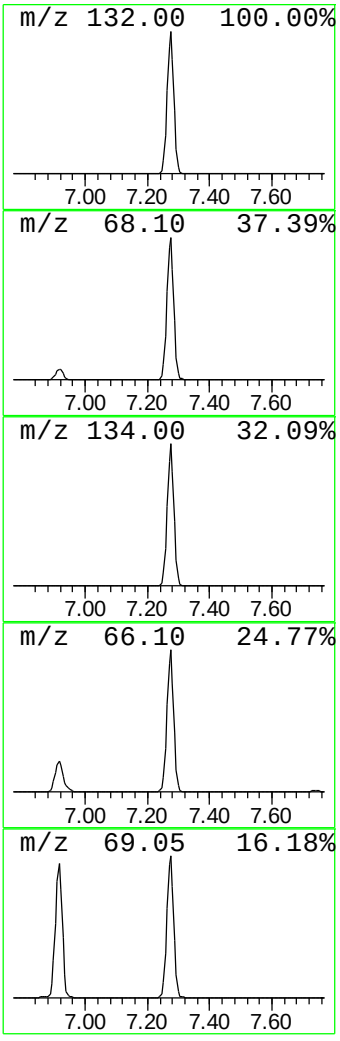
****

Peak Number 2 unknown7.27 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.27	70.06 ng	7532430	1,4-Dichlorobenzene-d4	7.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4	Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011719\
Data File : BM018619.D
Acq On : 17 Jan 2019 18:11
Operator : JU/SJ
Sample : K1139-13
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : S-7

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

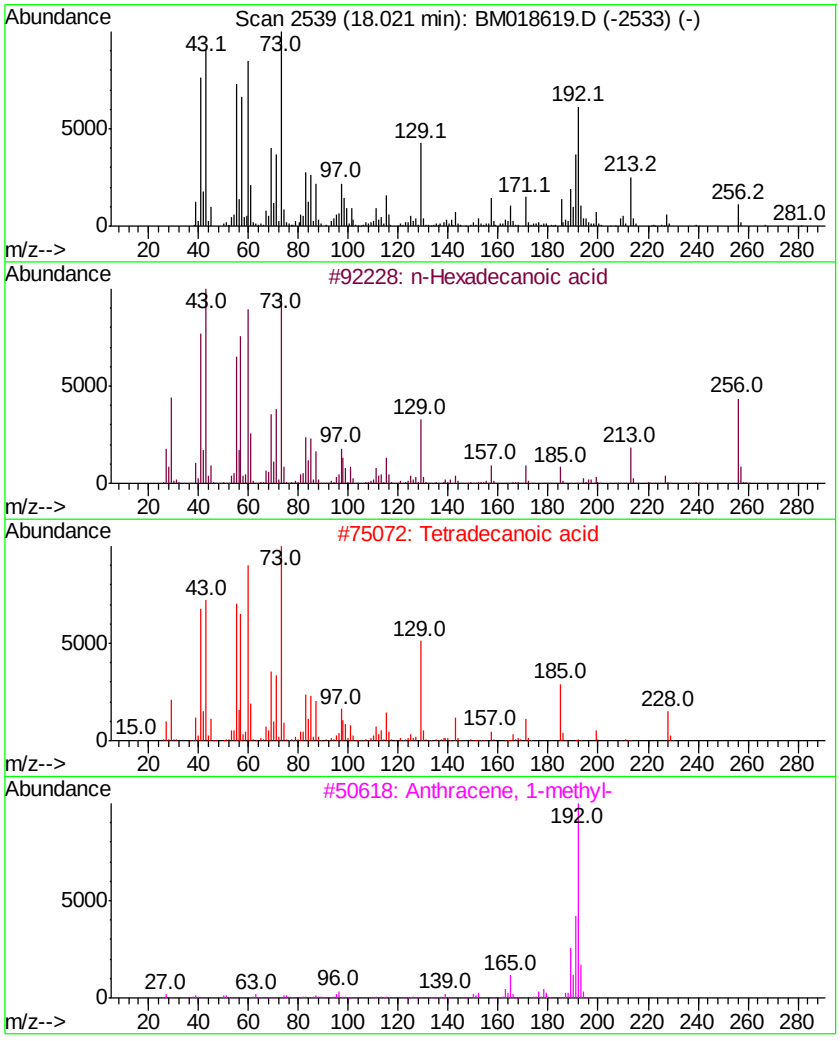
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

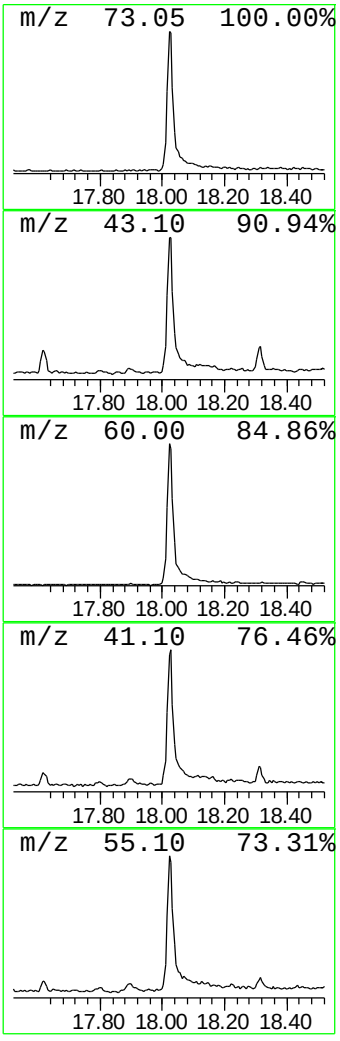
****

Peak Number 4 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.02	6.45 ng	1370160	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	78
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	59
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	59
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	59





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011719\
Data File : BM018619.D
Acq On : 17 Jan 2019 18:11
Operator : JU/SJ
Sample : K1139-13
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : S-7

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

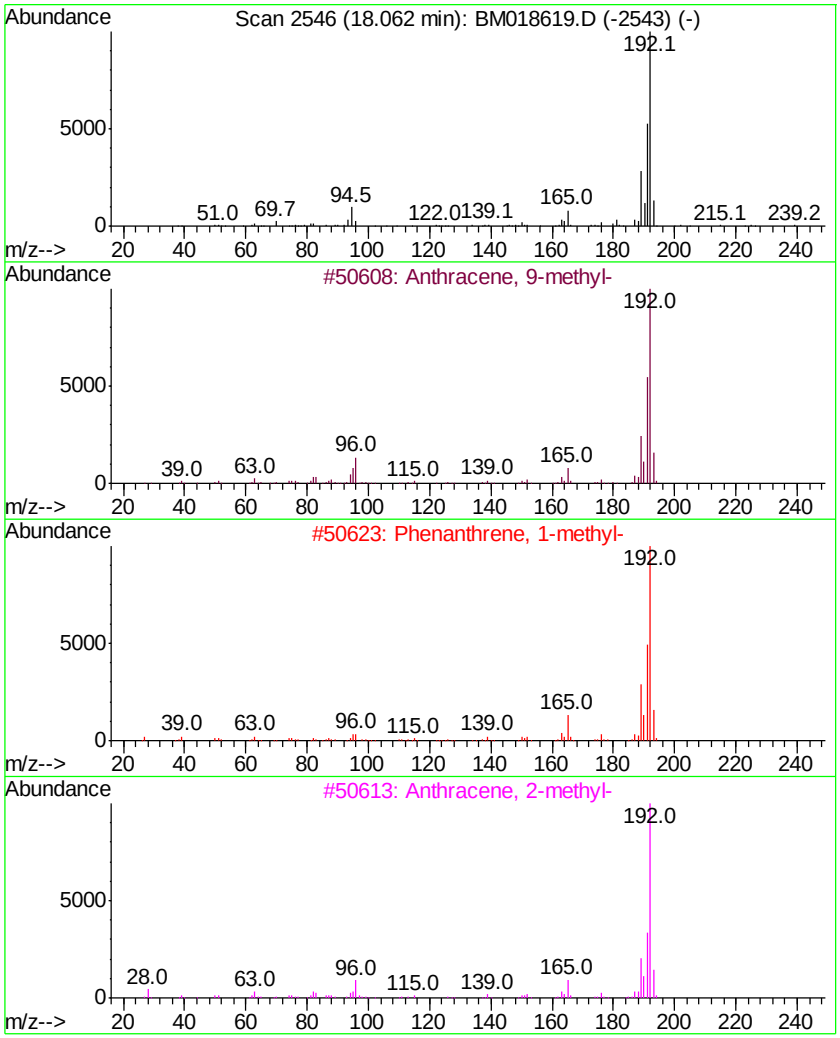
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

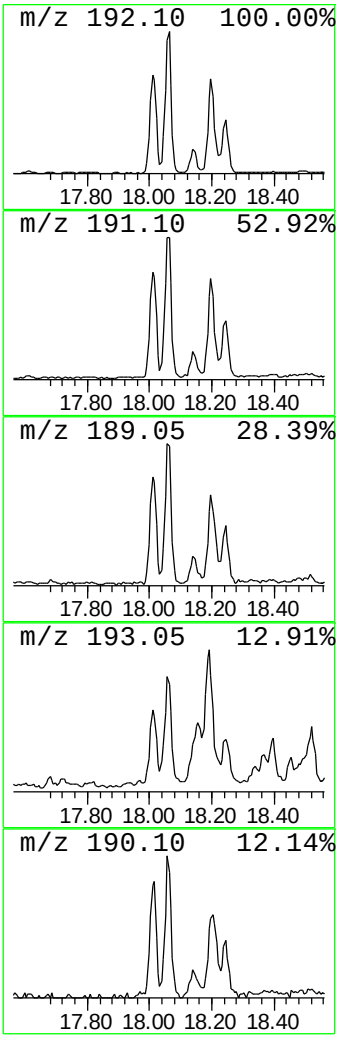
****

Peak Number 5 Anthracene, 9-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.06	2.50 ng	531588	Phenanthrene-d10	17.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	89
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	87
5	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011719\
Data File : BM018619.D
Acq On : 17 Jan 2019 18:11
Operator : JU/SJ
Sample : K1139-13
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : S-7

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

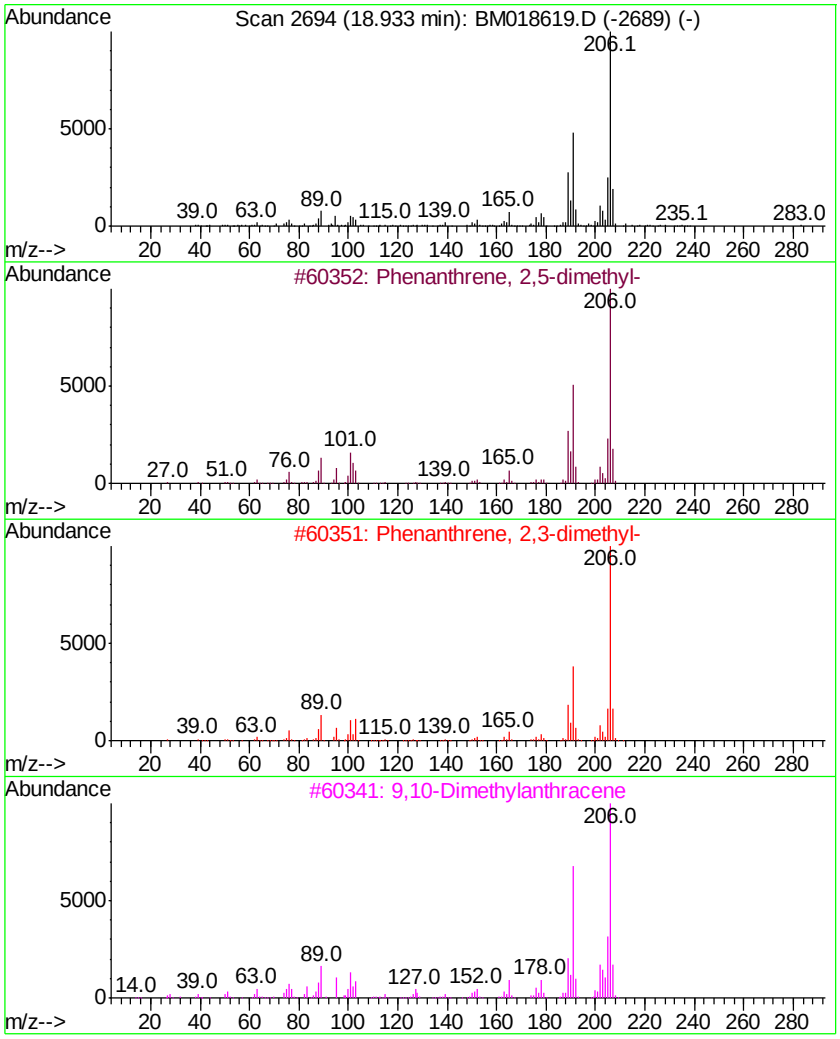
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

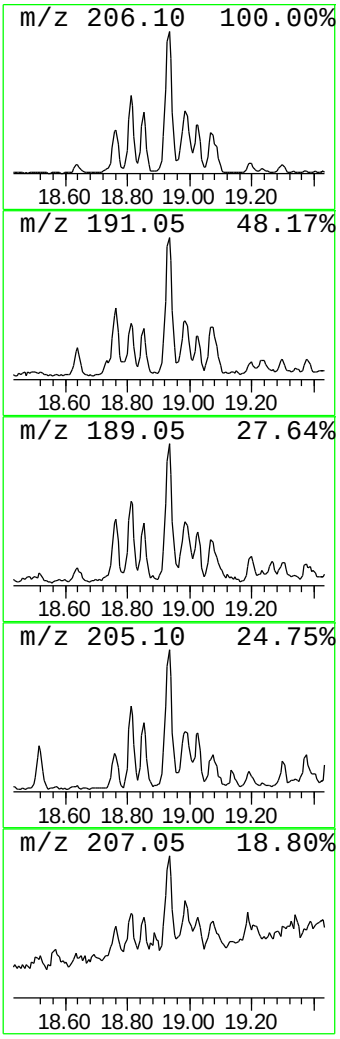
****

Peak Number 6 Phenanthrene, 2,5-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.93	2.66 ng	565583	Phenanthrene-d10	17.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
2	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	93
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
4	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	90
5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	81





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011719\
Data File : BM018619.D
Acq On : 17 Jan 2019 18:11
Operator : JU/SJ
Sample : K1139-13
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : S-7

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

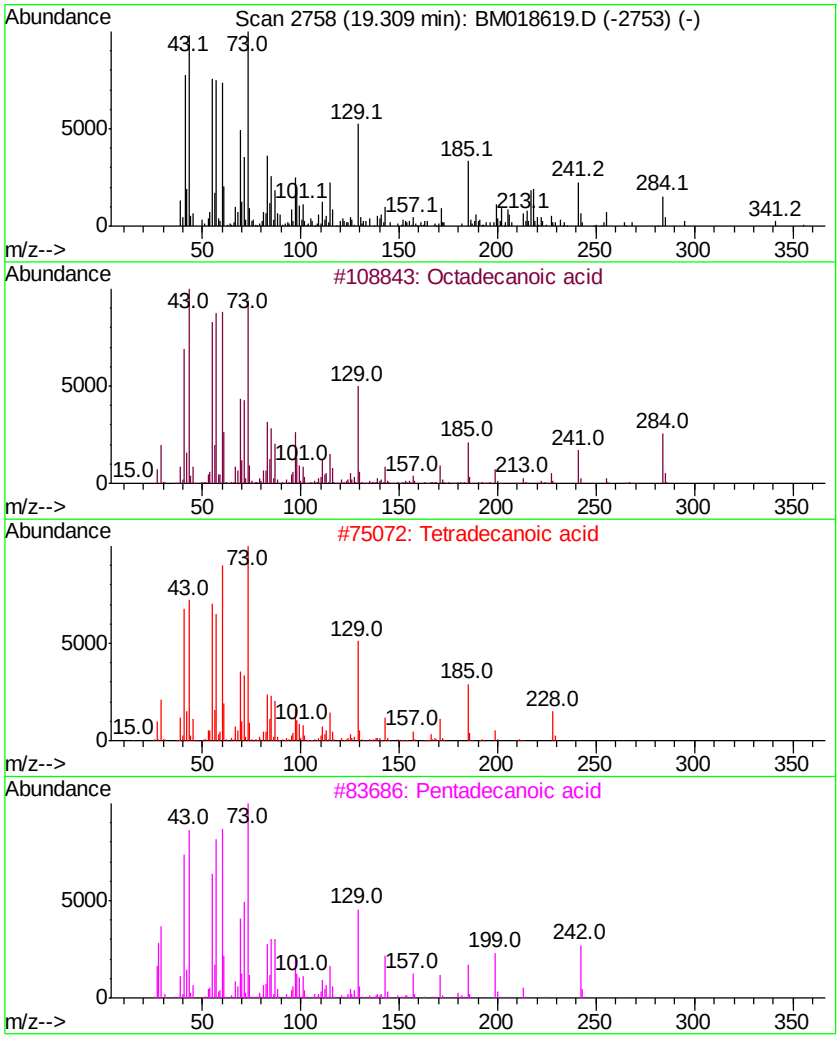
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

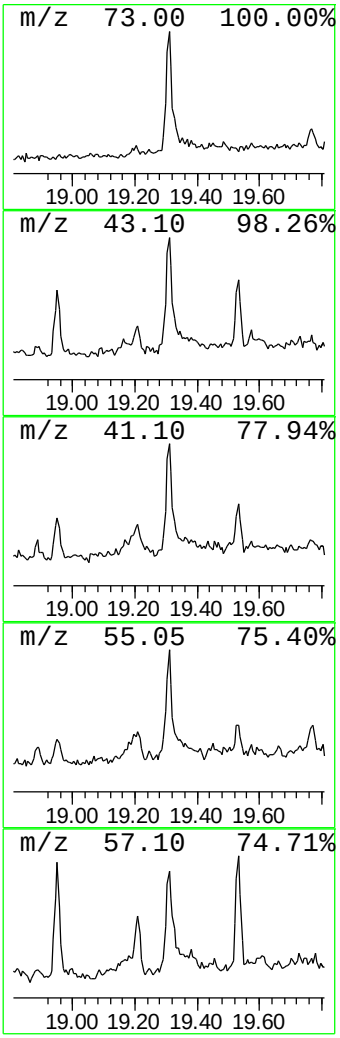
****

Peak Number 8 Octadecanoic acid Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.31	2.08 ng	391673	Chrysene-d12	21.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	98
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	76
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	70
4	Tridecanoic acid	214	C13H26O2	000638-53-9	64
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	43





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011719\
Data File : BM018619.D
Acq On : 17 Jan 2019 18:11
Operator : JU/SJ
Sample : K1139-13
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : S-7

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

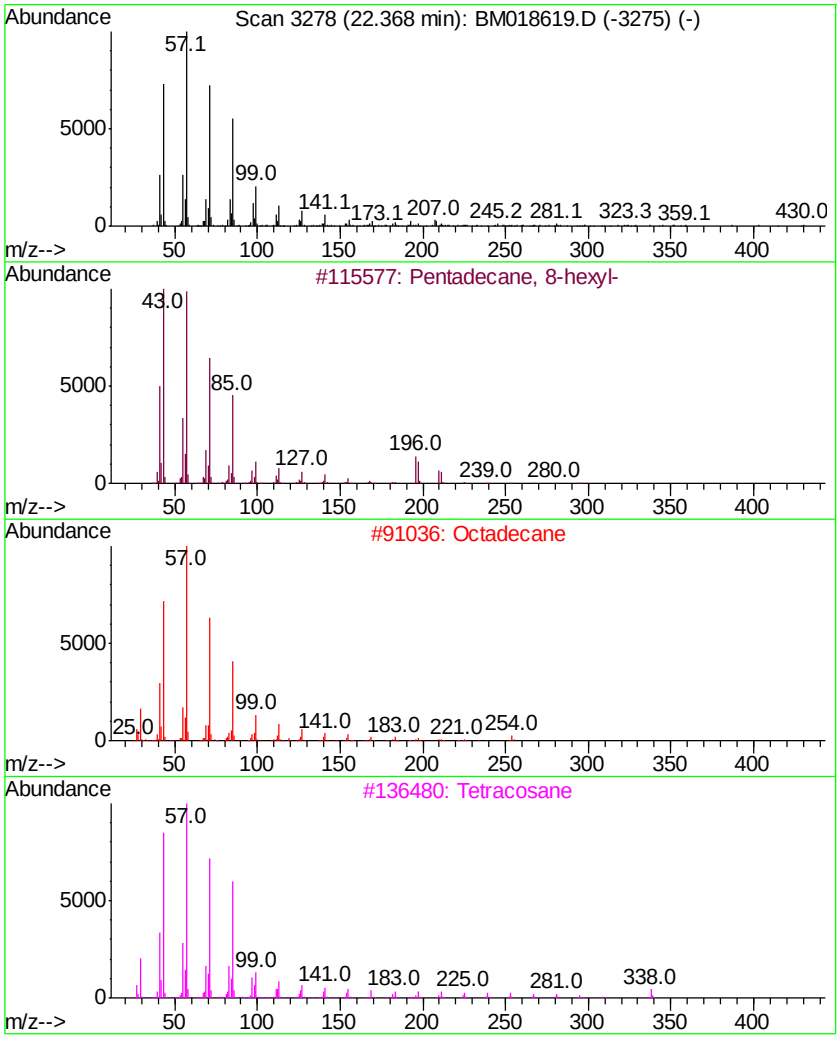
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

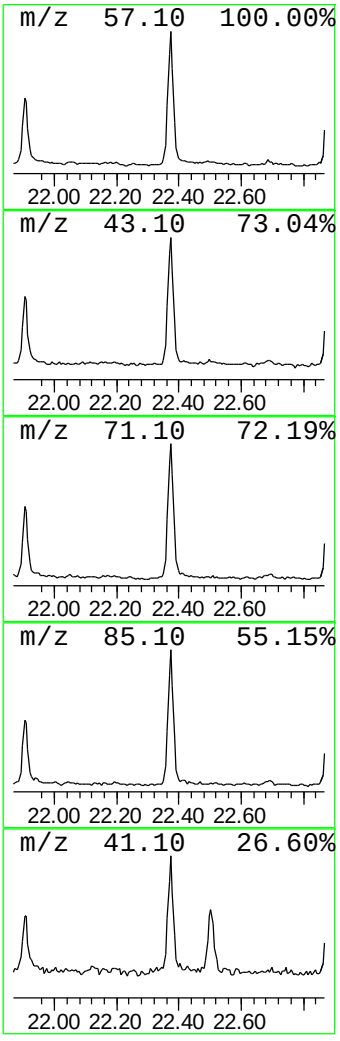
****

Peak Number 9 Pentadecane, 8-hexyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.37	3.84 ng	721918	Chrysene-d12	21.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	95
2	Octadecane	254	C18H38	000593-45-3	93
3	Tetracosane	338	C24H50	000646-31-1	91
4	Heneicosane	296	C21H44	000629-94-7	90
5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	90





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011719\
Data File : BM018619.D
Acq On : 17 Jan 2019 18:11
Operator : JU/SJ
Sample : K1139-13
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : S-7

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

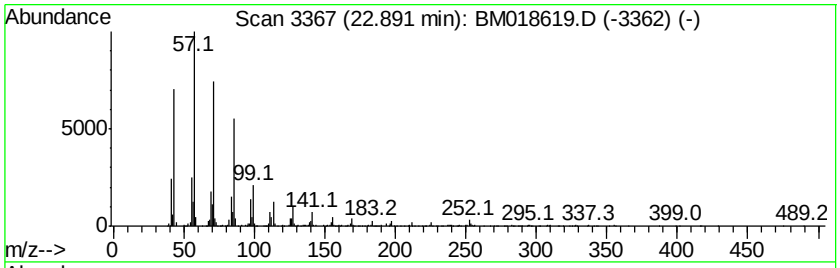
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

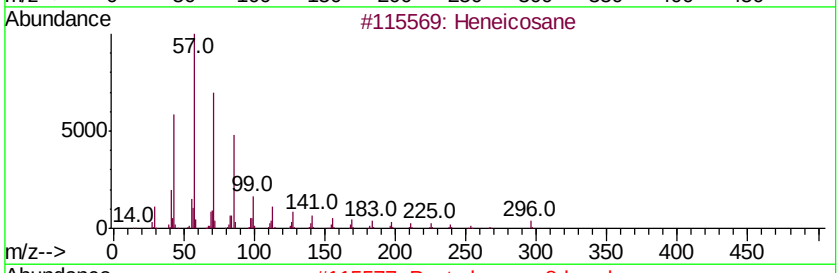
****

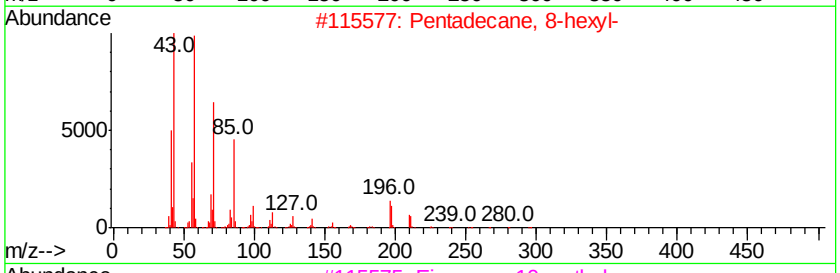
Peak Number 10 Heneicosane Concentration Rank 5

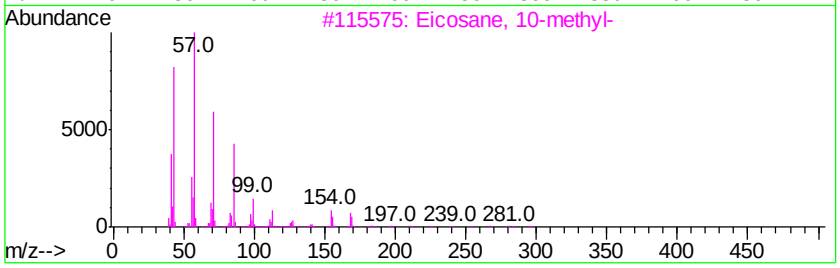
R.T.	EstConc	Area	Relative to ISTD	R.T.
22.89	7.18 ng	1198670	Perylene-d12	23.60

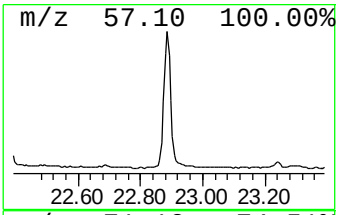
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	95
2	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	93
3	Eicosane, 10-methyl-	296	C21H44	054833-23-7	93
4	Eicosane, 3-methyl-	296	C21H44	006418-46-8	93
5	Tetracosane	338	C24H50	000646-31-1	91

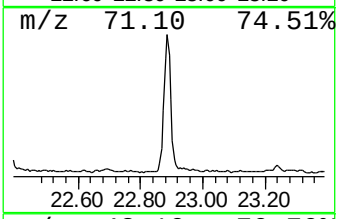


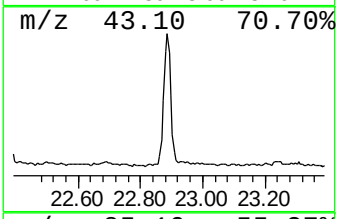


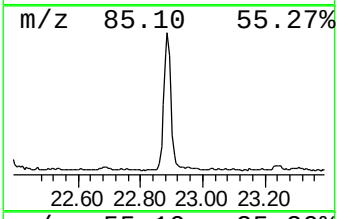


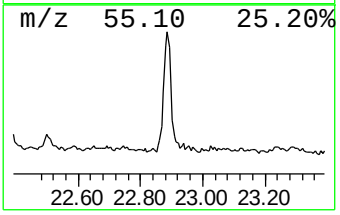












Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011719\
Data File : BM018619.D
Acq On : 17 Jan 2019 18:11
Operator : JU/SJ
Sample : K1139-13
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : S-7

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

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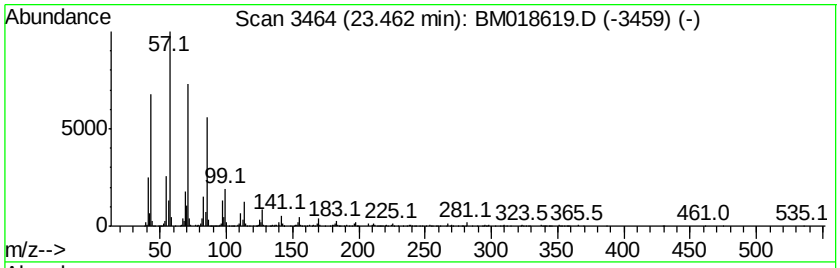
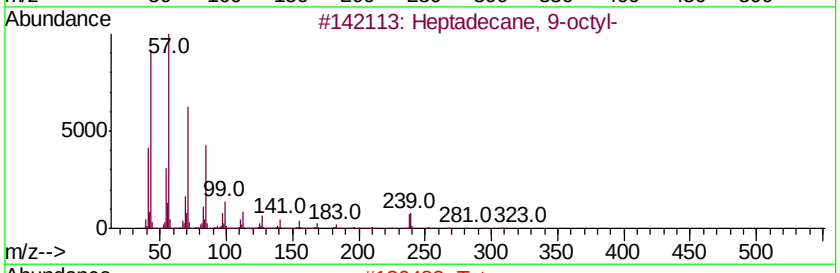
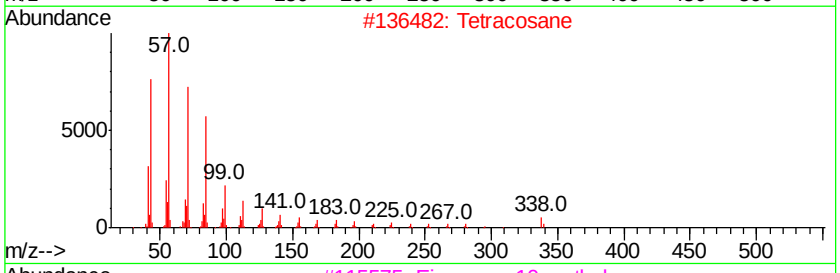
Peak Number 11 Heptadecane, 9-octyl- Concentration Rank 3

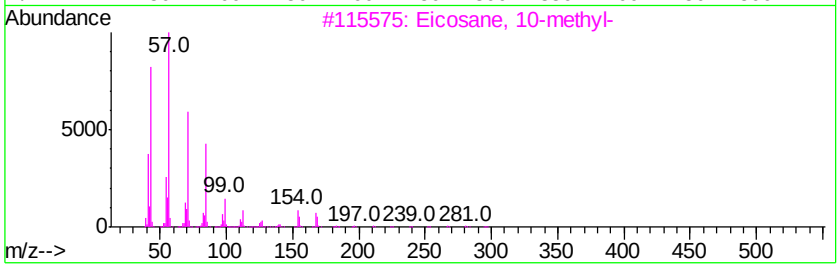
R.T.	EstConc	Area	Relative to ISTD	R.T.
23.46	9.20 ng	1535530	Perylene-d12	23.60

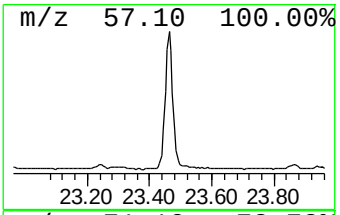
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	95
2	Tetracosane	338	C24H50	000646-31-1	95
3	Eicosane, 10-methyl-	296	C21H44	054833-23-7	93
4	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	91
5	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	91

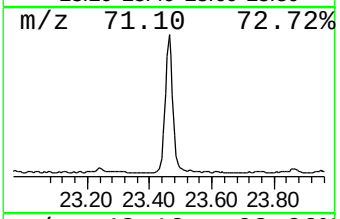


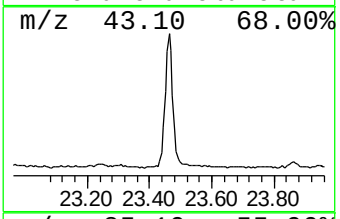


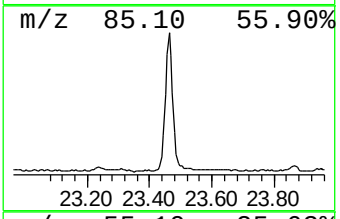


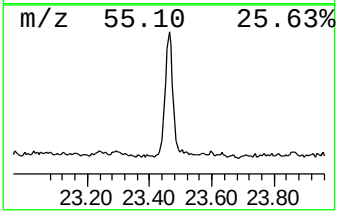












Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011719\
Data File : BM018619.D
Acq On : 17 Jan 2019 18:11
Operator : JU/SJ
Sample : K1139-13
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : S-7

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

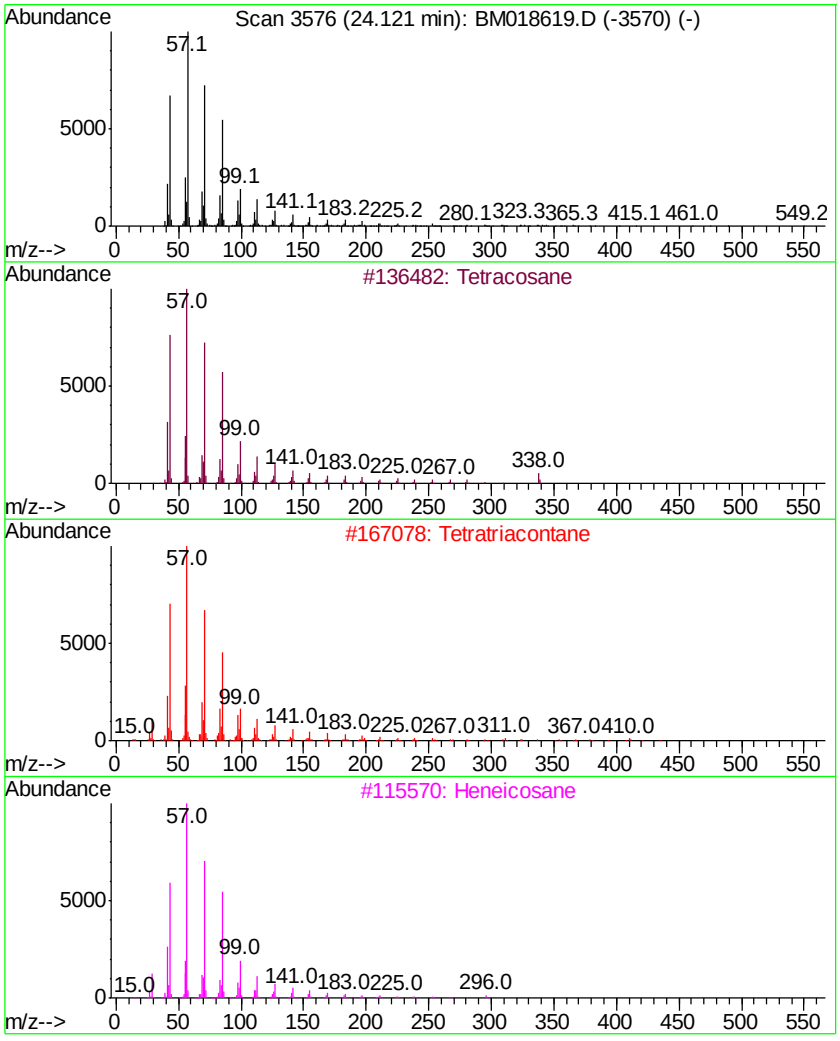
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

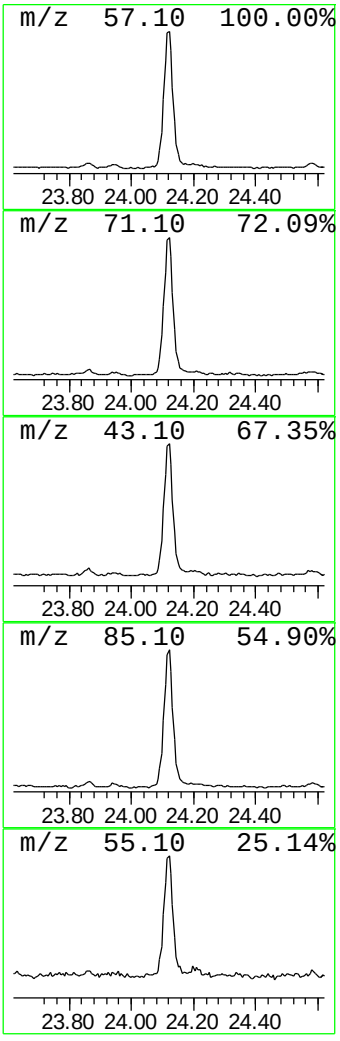
****

Peak Number 12 Tetracosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.12	9.15 ng	1526910	Perylene-d12	23.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	95
2	Tetratriacontane	479	C34H70	014167-59-0	91
3	Heneicosane	296	C21H44	000629-94-7	91
4	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
5	1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM011719\
Data File : BM018619.D
Acq On : 17 Jan 2019 18:11
Operator : JU/SJ
Sample : K1139-13
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : S-7

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	3.2	ng	342407	1	7.74	2150290	20.0
unknown7.27	7.27	70.1	ng	7532430	1	7.74	2150290	20.0
n-Hexadecanoic acid	18.02	6.5	ng	1370160	4	17.14	4248060	20.0
Anthracene, 9-met...	18.06	2.5	ng	531588	4	17.14	4248060	20.0
Phenanthrene, 2,5...	18.93	2.7	ng	565583	4	17.14	4248060	20.0
Octadecanoic acid	19.31	2.1	ng	391673	5	21.33	3761710	20.0
Pentadecane, 8-he...	22.37	3.8	ng	721918	5	21.33	3761710	20.0
Heneicosane	22.89	7.2	ng	1198670	6	23.60	3338860	20.0
Heptadecane, 9-oc...	23.46	9.2	ng	1535530	6	23.60	3338860	20.0
Tetracosane	24.12	9.2	ng	1526910	6	23.60	3338860	20.0