LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM092519\
Data File : BM022779.D
Acq On : 25 Sep 2019 19:43
Operator : JU
Sample : K4997-09
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : WC-12-091919

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-BM092019.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	3.022	3	6	19	rVB	1595433	1853588	16.13%	2.028%
2	4.952	326	334	344	rBV2	74486	127573	1.11%	0.140%
3	5.404	404	411	420	rBV	4778082	6751444	58.75%	7.388%
4	6.993	673	681	696	rBV	4473417	7187595	62.54%	7.865%
5	7.357	735	743	756	rBV	4806110	7615260	66.26%	8.333%
6	7.822	814	822	830	rVB	869866	1395277	12.14%	1.527%
7	8.145	869	877	884	rBV	3762655	6176780	53.75%	6.759%
8	8.975	1010	1018	1029	rBV	2686900	4411176	38.38%	4.827%
9	10.610	1289	1296	1303	rBV	1032340	1717491	14.94%	1.879%
10	13.080	1708	1716	1726	rBV	6997017	10108604	87.96%	11.062%
11	13.910	1848	1857	1862	rBV	364345	535651	4.66%	0.586%
12	14.175	1895	1902	1914	rBV	147709	247047	2.15%	0.270%
13	14.451	1941	1949	1956	rBV	1352204	2062785	17.95%	2.257%
14	15.492	2122	2126	2139	rVB3	56822	122843	1.07%	0.134%
15	15.939	2194	2202	2210	rBV	4825314	6705188	58.34%	7.337%
16	17.192	2407	2415	2419	rBV2	1506896	2145813	18.67%	2.348%
17	17.233	2419	2422	2428	rVB	686212	911342	7.93%	0.997%
18	17.321	2433	2437	2442	rVB	152728	228523	1.99%	0.250%
19	18.068	2559	2564	2565	rBV	230056	299657	2.61%	0.328%
20	18.110	2569	2571	2577	rVV	313941	439091	3.82%	0.480%
21	18.192	2581	2585	2590	rVV	80979	134734	1.17%	0.147%
22	18.257	2590	2596	2600	rVV2	264618	514260	4.47%	0.563%
23	18.298	2600	2603	2609	rVB	185092	254079	2.21%	0.278%
24	18.562	2644	2648	2652	rBV	105659	148149	1.29%	0.162%
25	18.604	2652	2655	2661	rVB2	130184	179125	1.56%	0.196%
26	18.986	2715	2720	2724	rBV	230155	341731	2.97%	0.374%
27	19.039	2724	2729	2733	rBV3	86558	174669	1.52%	0.191%
28	19.121	2739	2743	2751	rBV3	116772	221004	1.92%	0.242%
29	19.245	2759	2764	2771	rBV	967312	1292672	11.25%	1.415%
30	19.609	2817	2826	2834	rBV	1119390	1732732	15.08%	1.896%
31	19.686	2836	2839	2845	rVB3	96267	154501	1.34%	0.169%
32	19.815	2856	2861	2866	rBV	9452841	11492588	100.00%	12.576%
33	19.921	2875	2879	2893	rBV6	383315	733547	6.38%	0.803%
34	20.104	2907	2910	2914	rVB2	240003	308685	2.69%	0.338%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM092519\
Data File : BM022779.D
Acq On : 25 Sep 2019 19:43
Operator : JU
Sample : K4997-09
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : WC-12-091919

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-BM092019.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	20.204	2924	2927	2931	rBV2	93647	120981	1.05%	0.132%
36	20.262	2933	2937	2941	rVV2	204674	267413	2.33%	0.293%
37	20.404	2958	2961	2965	rBV	183166	223278	1.94%	0.244%
38	20.451	2965	2969	2973	rVB2	161239	216584	1.88%	0.237%
39	20.803	3026	3029	3032	rBV4	107941	132221	1.15%	0.145%
40	20.851	3034	3037	3044	rVB	175693	269506	2.35%	0.295%
41	21.086	3073	3077	3083	rVB3	800893	966335	8.41%	1.057%
42	21.368	3119	3125	3129	rBV2	2157576	3481698	30.30%	3.810%
43	21.403	3129	3131	3138	rVB	620860	734410	6.39%	0.804%
44	21.980	3225	3229	3235	rVB2	611156	818654	7.12%	0.896%
45	22.956	3391	3395	3399	rBV	573741	1049424	9.13%	1.148%
46	22.997	3399	3402	3409	rVB	669779	1027141	8.94%	1.124%
47	23.539	3490	3494	3502	rVB	473856	845532	7.36%	0.925%
48	23.644	3506	3512	3518	rVV	1335210	2506926	21.81%	2.743%

Sum of corrected areas: 91385307

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Misc :
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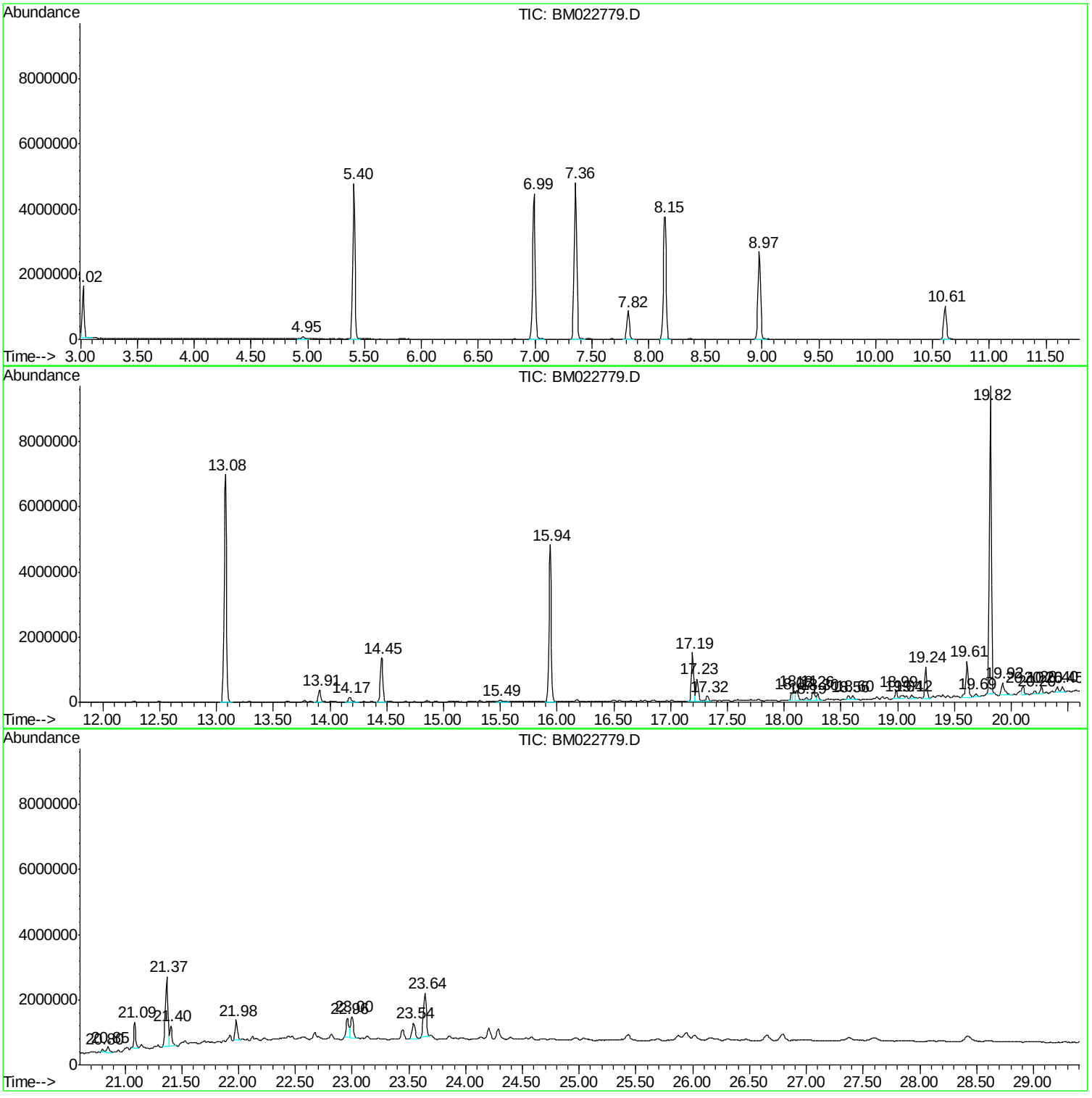
Instrument :
BNA_M
ClientSampleId :
WC-12-091919

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM092019.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

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Data File : BM022779.D
Acq On : 25 Sep 2019 19:43
Operator : JU
Sample : K4997-09
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : WC-12-091919

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM092019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

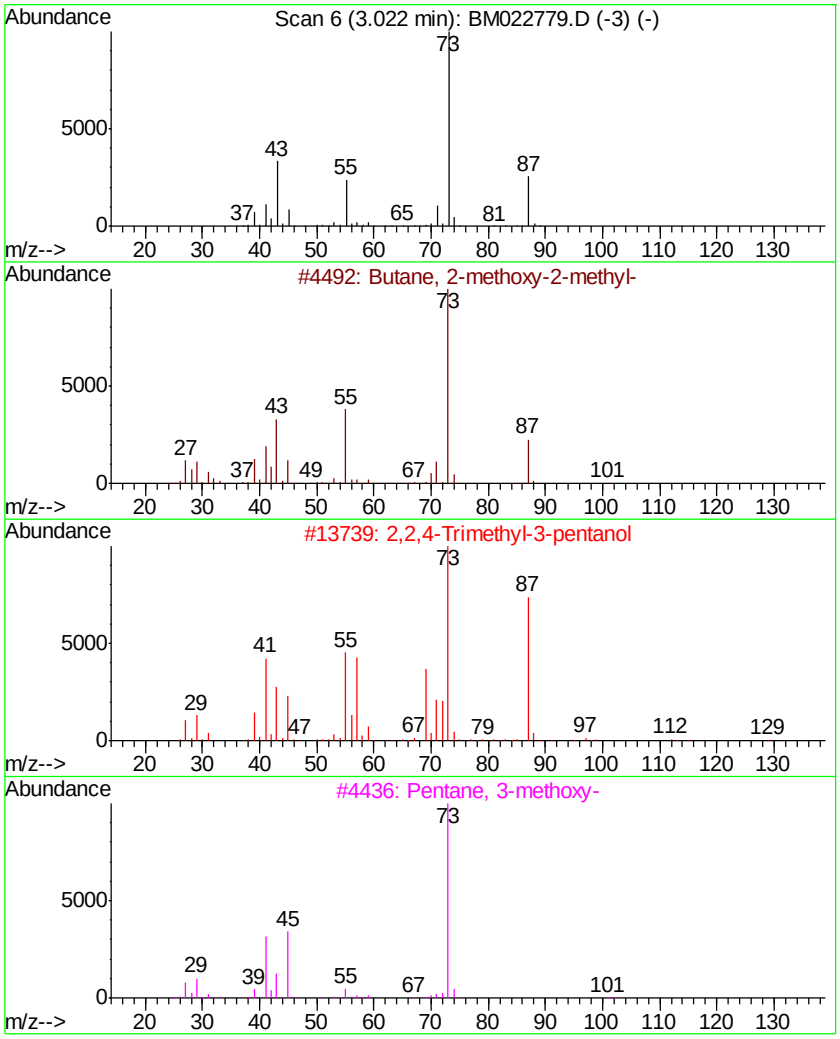
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

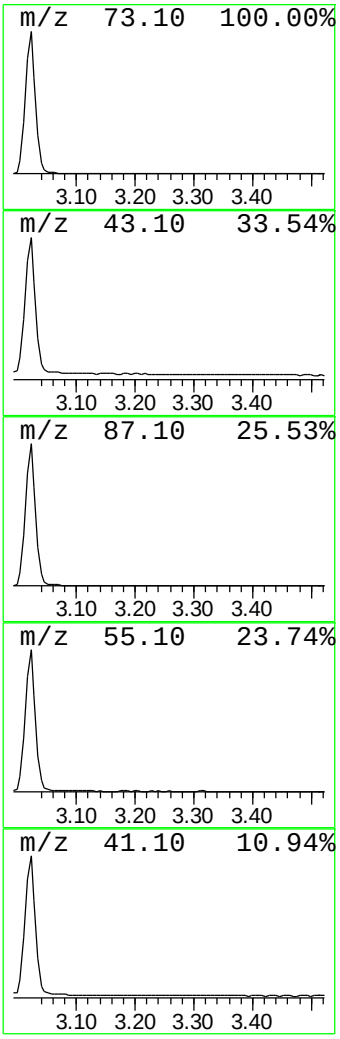
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.02	26.57 ng	1853590	1,4-Dichlorobenzene-d4	7.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
4	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9





Library Search Compound Report

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Sample : K4997-09
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ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : WC-12-091919

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM092019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

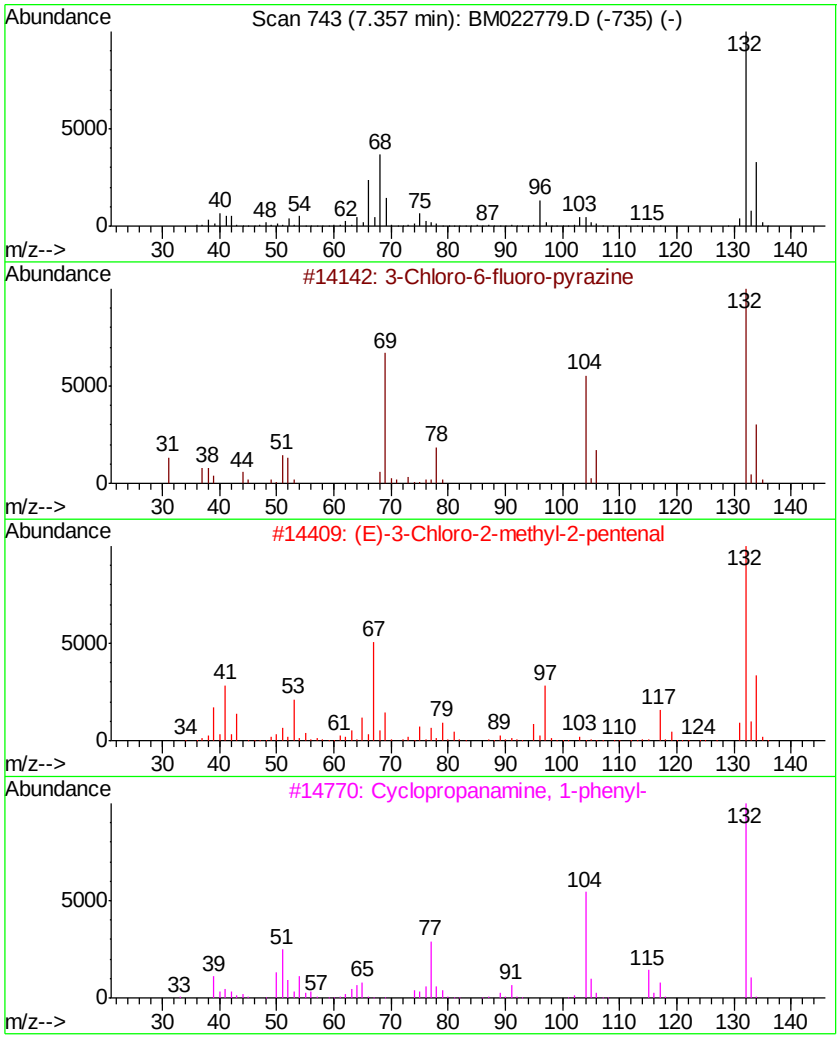
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

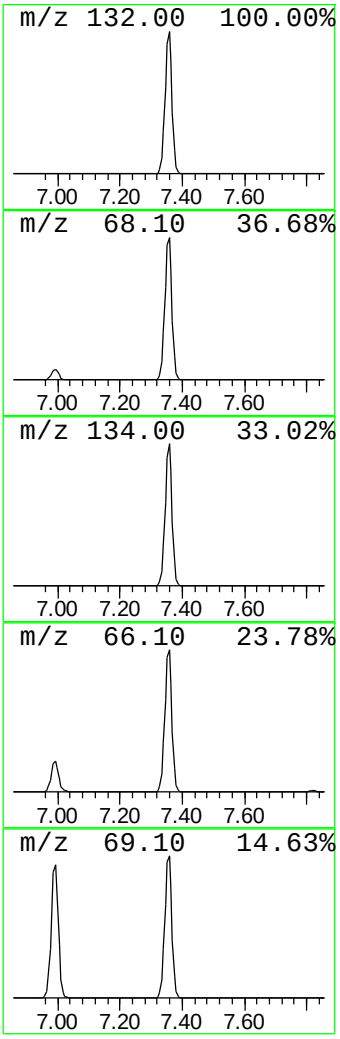
****

Peak Number 2 unknown7.36 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.36	109.16 ng	7615260	1,4-Dichlorobenzene-d4	7.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	25
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	25
3	Cyclopropanamine, 1-phenyl-	133	C9H11N	1000351-26-2	9
4	Xenon	132	Xe	007440-63-3	9
5	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM092519\
Data File : BM022779.D
Acq On : 25 Sep 2019 19:43
Operator : JU
Sample : K4997-09
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : WC-12-091919

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM092019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

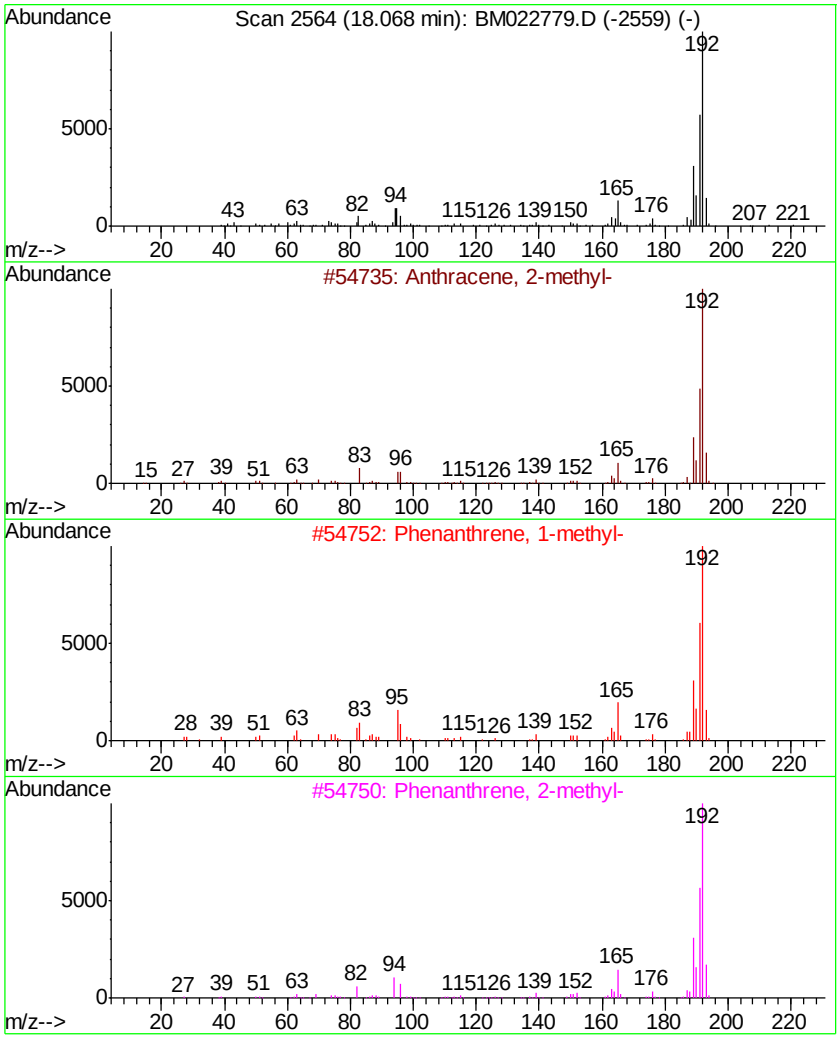
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

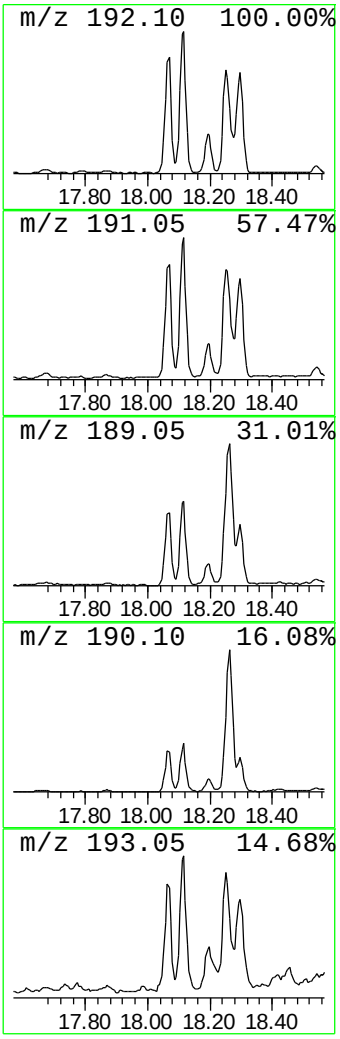
****

Peak Number 4 Anthracene, 2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.07	2.79 ng	299657	Phenanthrene-d10	17.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	94
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	93





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM092519\
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Acq On : 25 Sep 2019 19:43
Operator : JU
Sample : K4997-09
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : WC-12-091919

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM092019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

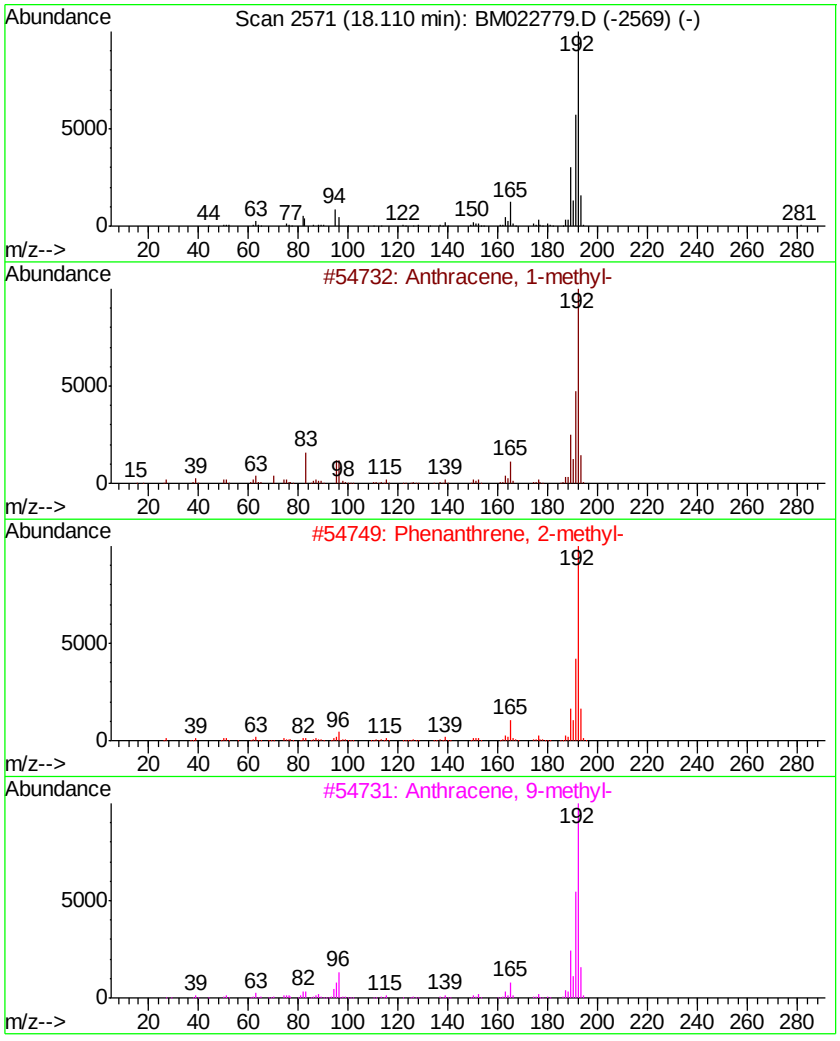
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

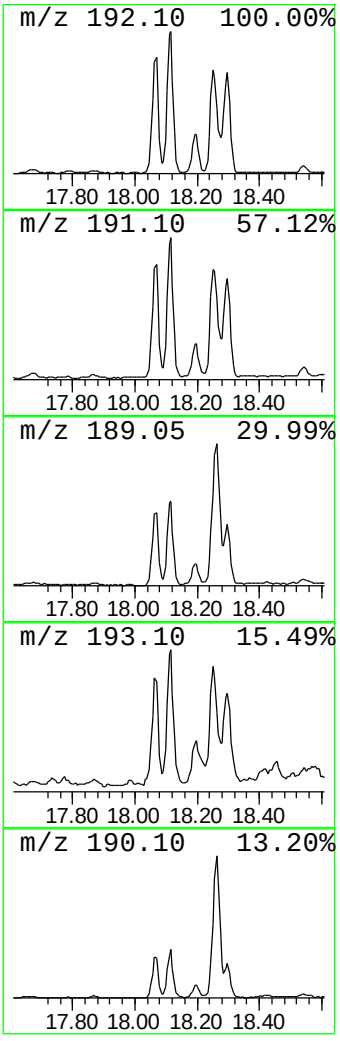
****

Peak Number 5 Anthracene, 1-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.11	4.09 ng	439091	Phenanthrene-d10	17.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	94
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	91
5	Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	90





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Data File : BM022779.D
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Sample : K4997-09
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : WC-12-091919

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM092019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

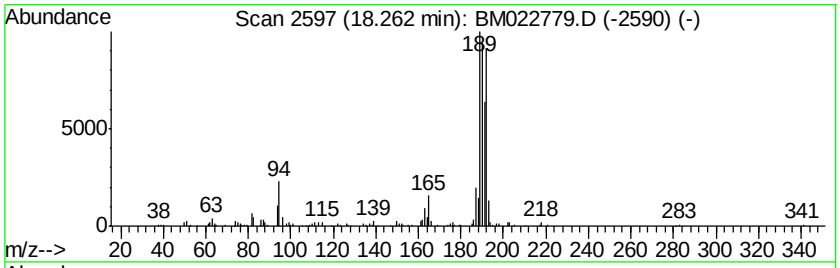
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

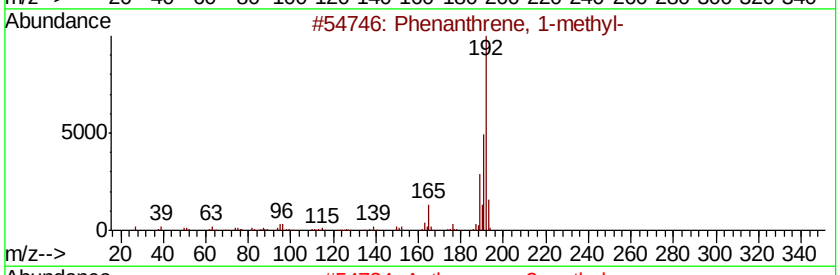
****

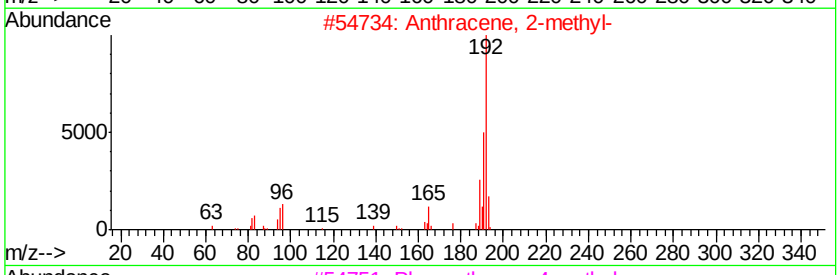
Peak Number 6 Phenanthrene, 1-methyl- Concentration Rank 5

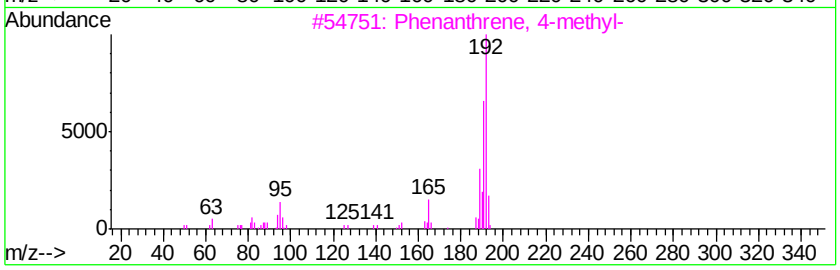
R.T.	EstConc	Area	Relative to ISTD	R.T.
18.26	4.79 ng	514260	Phenanthrene-d10	17.19

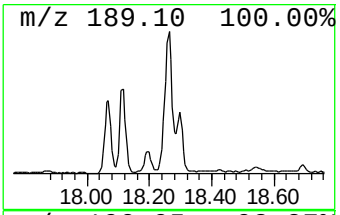
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	60
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	60
3	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	60
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	60
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	60

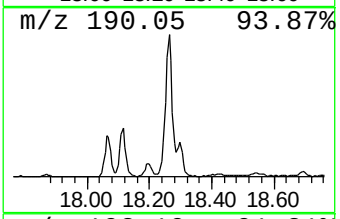


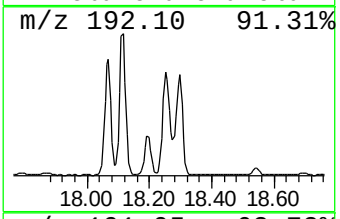


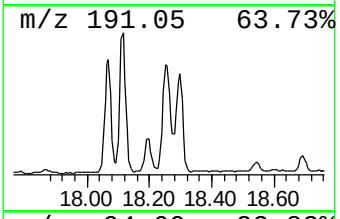


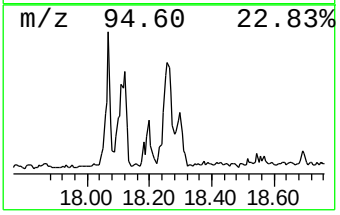












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Instrument : BNA_M
ClientSampleId : WC-12-091919

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM092019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

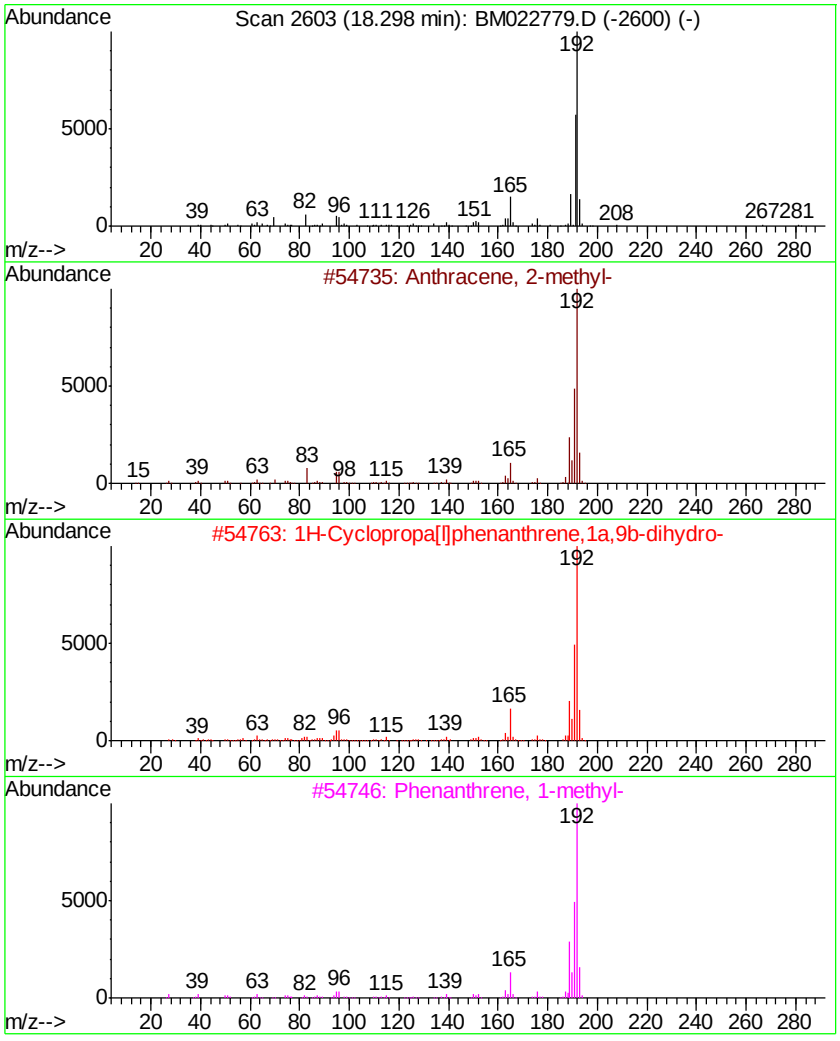
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

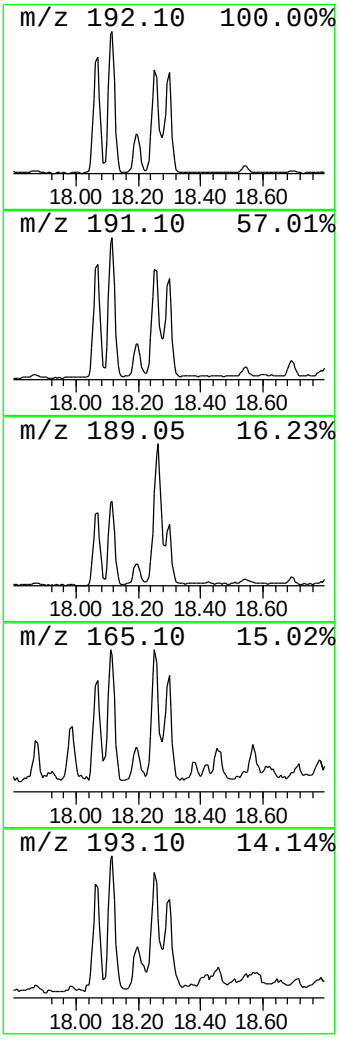
****

Peak Number 7 1H-Cyclopropa[l]phenanthren... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.30	2.37 ng	254079	Phenanthrene-d10	17.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
2	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	93
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	90
5	Propyne, 1,3-diphenyl-	192	C15H12	004980-70-5	90





Library Search Compound Report

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM092019.M
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TIC Library : C:\DATABASE\NIST11.L
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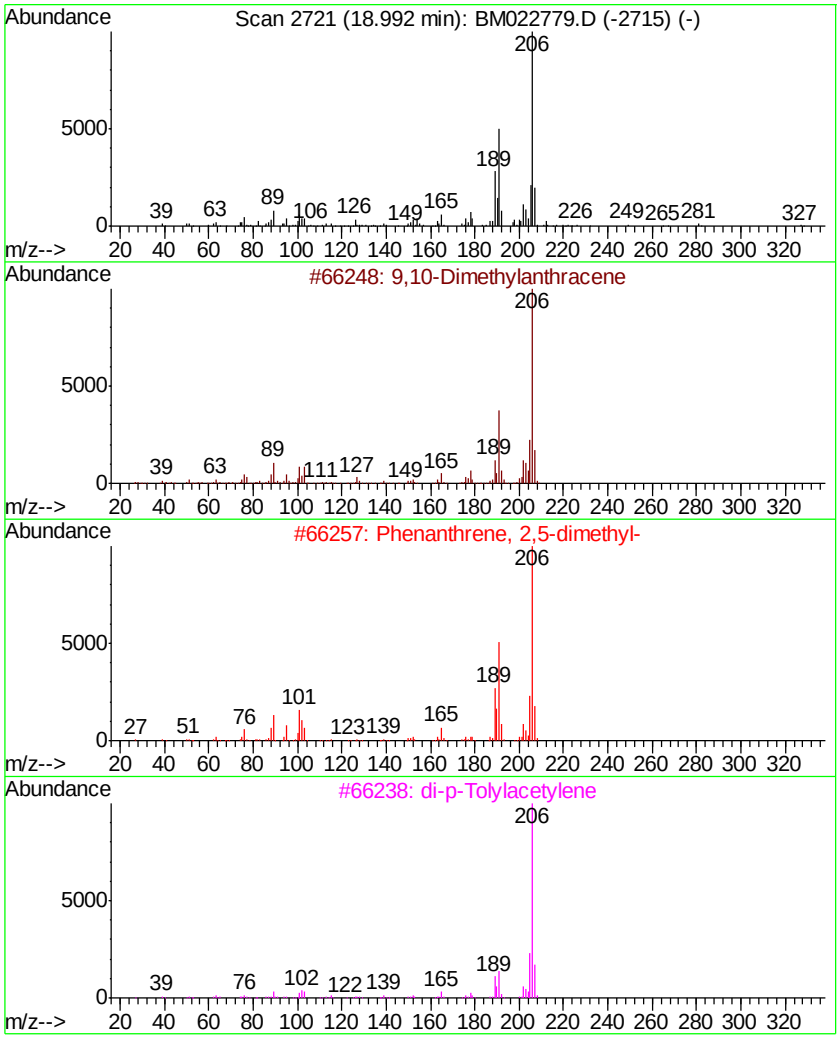
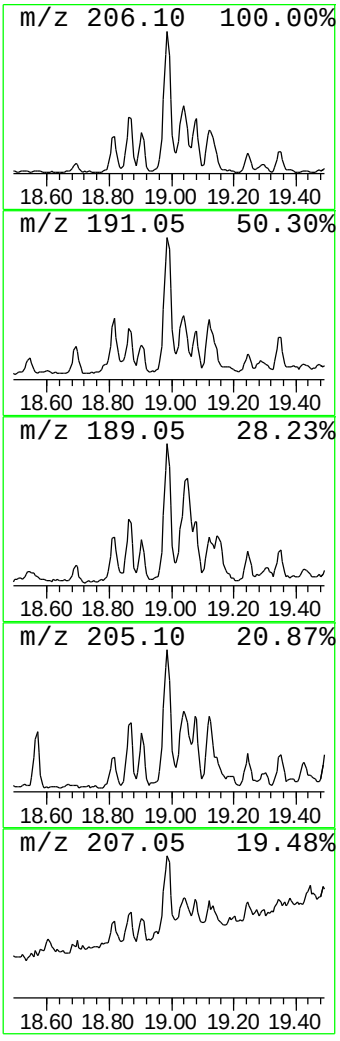
****

Peak Number 8 9,10-Dimethylanthracene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.99	3.19 ng	341731	Phenanthrene-d10	17.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylanthracene	206	C16H14	000781-43-1	93
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	91
4	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	91
5	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	90





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM092519\
Data File : BM022779.D
Acq On : 25 Sep 2019 19:43
Operator : JU
Sample : K4997-09
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : WC-12-091919

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM092019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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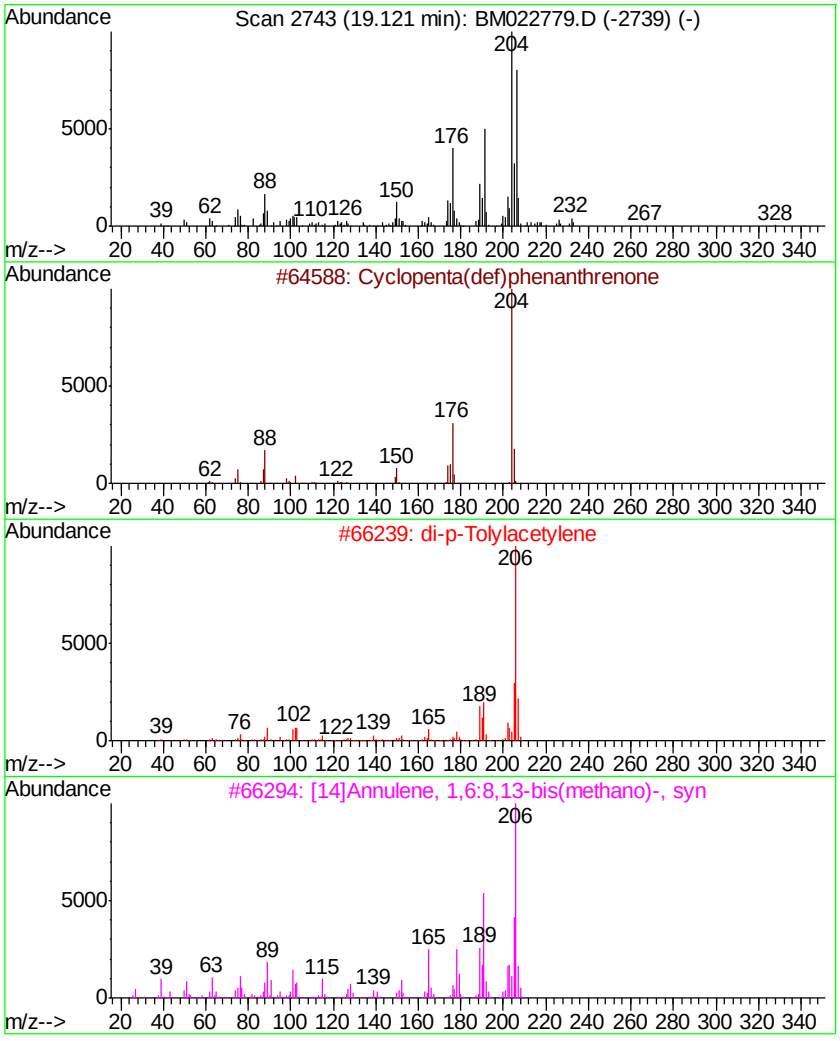
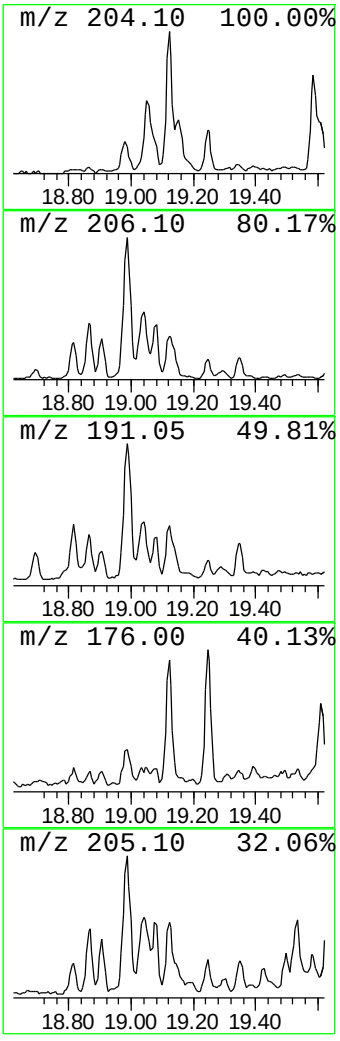
Peak Number 9 Cyclopenta(def)phenanthrenone Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.12	2.06 ng	221004	Phenanthrene-d10	17.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	81
2	di-p-Tolylacetylene	206	C16H14	002789-88-0	80
3	[14]Annulene, 1,6:8,13-bis(metha...	206	C16H14	085385-68-8	55
4	9,10-Dimethylanthracene	206	C16H14	000781-43-1	53
5	3-Methyl-1-phenyl-1H-indene	206	C16H14	022360-63-0	50





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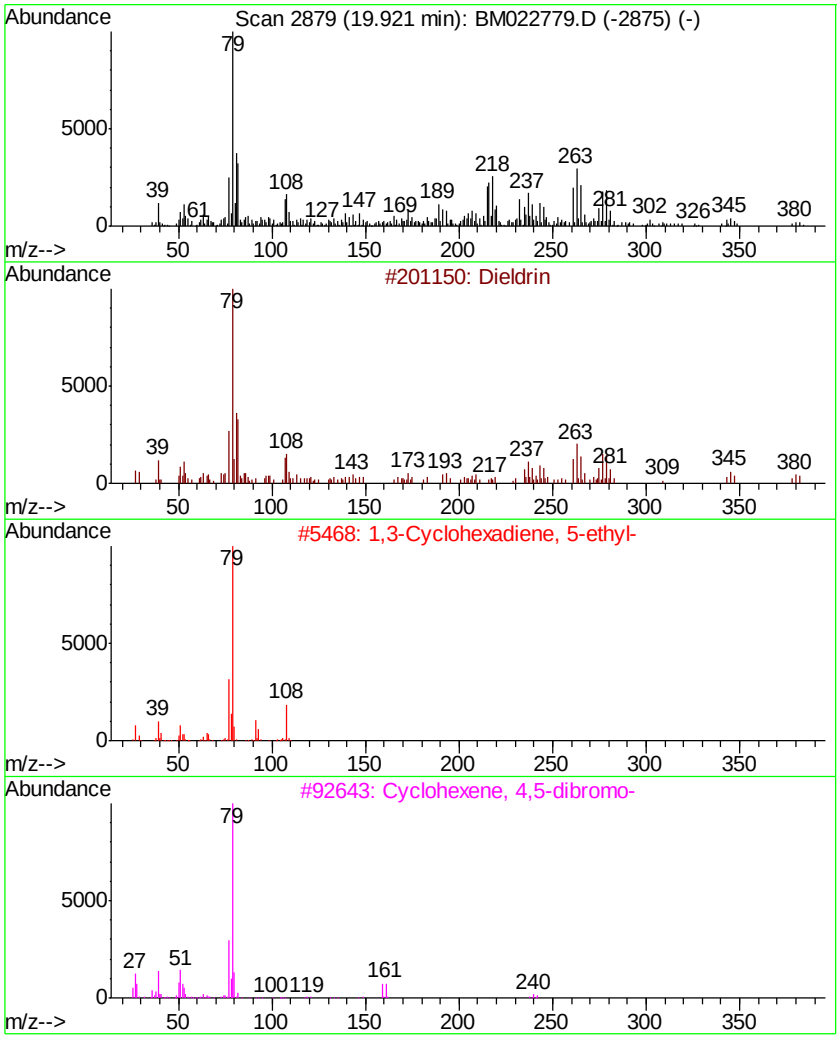
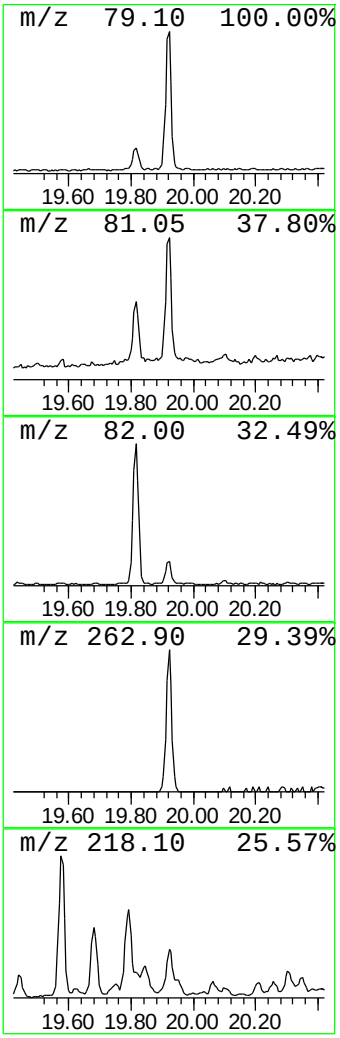
Peak Number 10 Dieldrin Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.92	4.21 ng	733547	Chrysene-d12	21.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dieldrin	378	C12H8Cl6O	000060-57-1	99
2	1,3-Cyclohexadiene, 5-ethyl-	108	C8H12	040085-08-3	25
3	Cyclohexene, 4,5-dibromo-	238	C6H8Br2	062199-53-5	22
4	3-Oxabicyclo[3.3.0]oct-7-en-2-on...	138	C8H10O2	1000155-62-4	22
5	Captafol	347	C10H9Cl4NO2S	002425-06-1	22





Library Search Compound Report

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Data File : BM022779.D
Acq On : 25 Sep 2019 19:43
Operator : JU
Sample : K4997-09
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : WC-12-091919

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM092019.M
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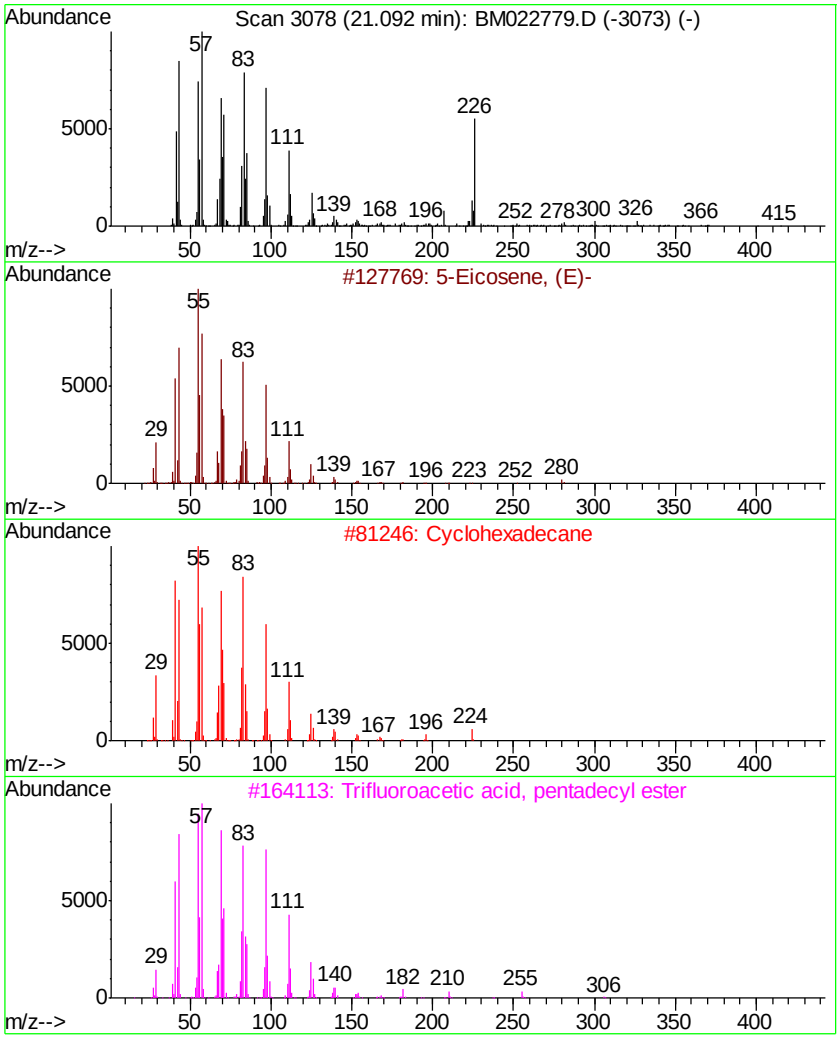
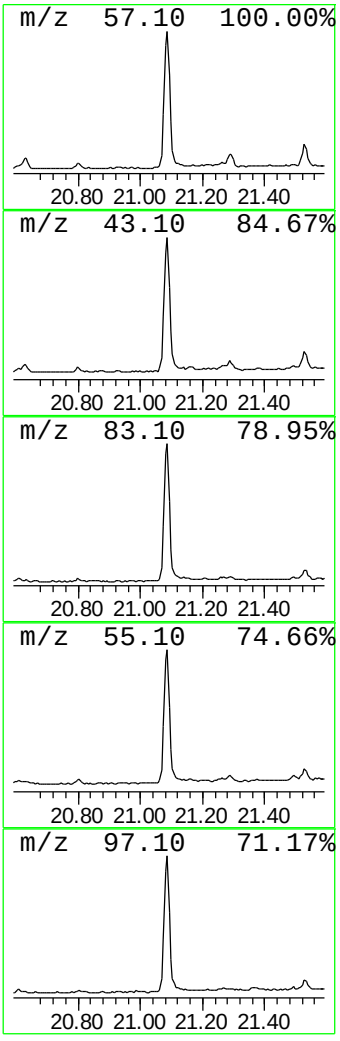
Peak Number 11 5-Eicosene, (E)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.09	5.55 ng	966335	Chrysene-d12	21.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-	280	C20H40	074685-30-6	96
2	Cyclohexadecane	224	C16H32	000295-65-8	94
3	Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	94
4	Behenic alcohol	326	C22H46O	000661-19-8	94
5	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	94





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ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : WC-12-091919

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM092019.M
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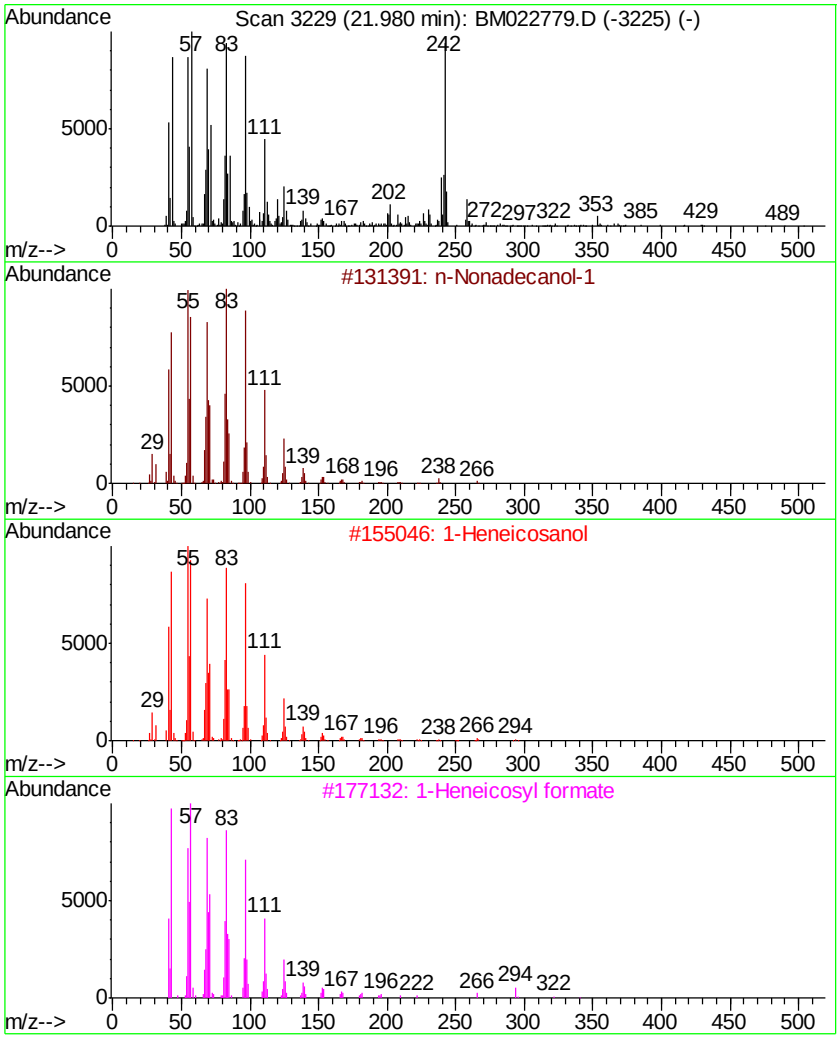
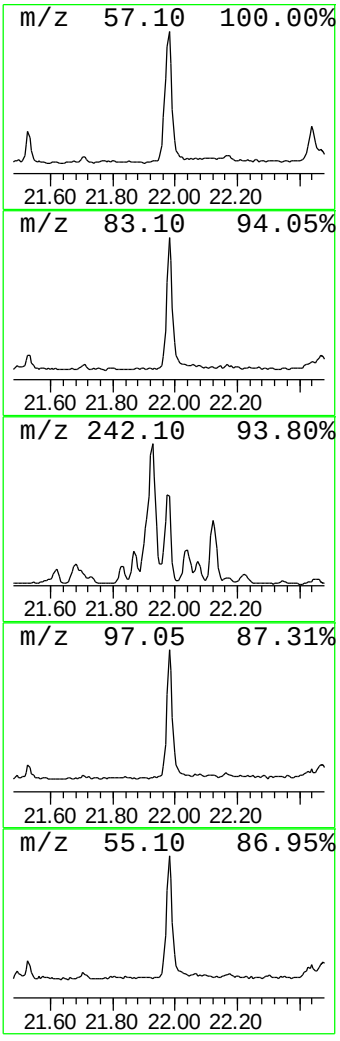
Peak Number 12 n-Nonadecanol-1 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.98	4.70 ng	818654	Chrysene-d12	21.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Nonadecanol-1	284	C19H40O	001454-84-8	93
2	1-Heneicosanol	312	C21H44O	015594-90-8	93
3	1-Heneicosyl formate	340	C22H44O2	077899-03-7	90
4	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	86
5	9-Tricosene, (Z)-	322	C23H46	027519-02-4	86





Tentatively Identified Compound (LSC) summary

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Data File : BM022779.D
Acq On : 25 Sep 2019 19:43
Operator : JU
Sample : K4997-09
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : WC-12-091919

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM092019.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...	3.02	26.6	ng	1853590	1	7.82	1395280	20.0
unknown7.36	7.36	109.2	ng	7615260	1	7.82	1395280	20.0
Anthracene, 2-met...	18.07	2.8	ng	299657	4	17.19	2145810	20.0
Anthracene, 1-met...	18.11	4.1	ng	439091	4	17.19	2145810	20.0
Phenanthrene, 1-m...	18.26	4.8	ng	514260	4	17.19	2145810	20.0
1H-Cyclopropa[l]p...	18.30	2.4	ng	254079	4	17.19	2145810	20.0
9,10-Dimethylanth...	18.99	3.2	ng	341731	4	17.19	2145810	20.0
Cyclopenta(def)ph...	19.12	2.1	ng	221004	4	17.19	2145810	20.0
Dieldrin	19.92	4.2	ng	733547	5	21.37	3481700	20.0
5-Eicosene, (E)-	21.09	5.5	ng	966335	5	21.37	3481700	20.0
n-Nonadecanol-1	21.98	4.7	ng	818654	5	21.37	3481700	20.0