LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121821\
Data File : BM033526.D
Acq On : 18 Dec 2021 19:26
Operator : CG/JU
Sample : M5115-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MW-2R

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-BM121621.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM033526.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.031	298	305	316	rBV	109622	158973	4.02%	0.736%
2	5.496	377	384	393	rBV	459895	715376	18.08%	3.311%
3	6.113	484	489	496	rBV	30127	45525	1.15%	0.211%
4	7.096	650	656	669	rBV	292726	523491	13.23%	2.423%
5	7.931	792	798	805	rBV	131057	217740	5.50%	1.008%
6	8.301	854	861	870	rBV	330413	540549	13.67%	2.502%
7	8.413	875	880	890	rBV	58882	93661	2.37%	0.433%
8	9.037	980	986	990	rBV2	52325	84630	2.14%	0.392%
9	9.101	990	997	1006	rVV2	700423	1268990	32.08%	5.873%
10	9.925	1129	1137	1143	rBV4	30384	57319	1.45%	0.265%
11	10.131	1164	1172	1182	rBV	127239	233506	5.90%	1.081%
12	10.736	1263	1275	1280	rBV2	201455	455313	11.51%	2.107%
13	10.784	1280	1283	1289	rVV4	76617	142361	3.60%	0.659%
14	10.848	1289	1294	1300	rVB2	106258	178126	4.50%	0.824%
15	11.201	1350	1354	1362	rVB2	47045	83009	2.10%	0.384%
16	11.319	1368	1374	1383	rBV2	68911	137157	3.47%	0.635%
17	11.401	1383	1388	1392	rVV2	26637	42347	1.07%	0.196%
18	11.648	1424	1430	1436	rVB2	45756	83788	2.12%	0.388%
19	11.848	1457	1464	1471	rBV3	77559	155708	3.94%	0.721%
20	12.060	1496	1500	1506	rVB2	48326	84484	2.14%	0.391%
21	12.125	1506	1511	1519	rBV3	45957	122214	3.09%	0.566%
22	12.231	1520	1529	1533	rVV3	26110	71420	1.81%	0.331%
23	12.289	1533	1539	1546	rVB3	99358	184139	4.66%	0.852%
24	12.360	1546	1551	1560	rBV2	34955	71355	1.80%	0.330%
25	12.595	1587	1591	1597	rBV5	43235	104113	2.63%	0.482%
26	12.648	1597	1600	1605	rVB3	49400	77744	1.97%	0.360%
27	12.801	1620	1626	1628	rBV5	23474	46467	1.17%	0.215%
28	12.919	1640	1646	1650	rBV5	34880	71788	1.81%	0.332%
29	13.119	1674	1680	1685	rBV5	26212	55244	1.40%	0.256%
30	13.201	1687	1694	1700	rBV	1676280	2471604	62.48%	11.439%
31	13.454	1733	1737	1741	rBV	43420	66165	1.67%	0.306%
32	13.507	1741	1746	1752	rVV3	60610	125437	3.17%	0.581%
33	13.572	1752	1757	1763	rVB5	29452	56079	1.42%	0.260%
34	13.913	1811	1815	1818	rBV3	37604	59565	1.51%	0.276%
35	14.130	1849	1852	1855	rBV	48294	66829	1.69%	0.309%
36	14.166	1855	1858	1862	rVB3	53959	81145	2.05%	0.376%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121821\
Data File : BM033526.D
Acq On : 18 Dec 2021 19:26
Operator : CG/JU
Sample : M5115-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MW-2R

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-BM121621.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	14.295	1876	1880	1890	rBV3	62512	112579	2.85%	0.521%
38	14.395	1894	1897	1901	rVB3	28952	39704	1.00%	0.184%
39	14.577	1922	1928	1934	rBV	395625	640932	16.20%	2.966%
40	14.895	1978	1982	1990	rVB5	56869	89909	2.27%	0.416%
41	14.971	1991	1995	2001	rVV3	65448	111808	2.83%	0.517%
42	15.048	2005	2008	2015	rVB2	50667	64287	1.63%	0.298%
43	15.195	2027	2033	2043	rVB4	126897	281601	7.12%	1.303%
44	15.401	2064	2068	2075	rVB4	59465	107994	2.73%	0.500%
45	15.619	2101	2105	2110	rVB3	68675	108031	2.73%	0.500%
46	15.748	2123	2127	2131	rBV	151236	215623	5.45%	0.998%
47	15.830	2138	2141	2147	rVB7	47638	63940	1.62%	0.296%
48	15.960	2155	2163	2169	rVB3	203928	512048	12.94%	2.370%
49	16.066	2176	2181	2191	rBV	1529052	2286247	57.80%	10.581%
50	16.301	2217	2221	2227	rBV2	108111	183176	4.63%	0.848%
51	16.418	2237	2241	2252	rBV7	65722	172199	4.35%	0.797%
52	16.683	2282	2286	2288	rBV2	82527	122706	3.10%	0.568%
53	17.283	2385	2388	2390	rBV	48648	55160	1.39%	0.255%
54	17.324	2390	2395	2400	rVB	494357	679975	17.19%	3.147%
55	17.530	2426	2430	2434	rBV	130315	179089	4.53%	0.829%
56	17.736	2461	2465	2470	rVB	97031	142327	3.60%	0.659%
57	17.960	2500	2503	2510	rVB4	98598	160969	4.07%	0.745%
58	18.224	2544	2548	2550	rBV2	118517	169963	4.30%	0.787%
59	18.248	2550	2552	2563	rVB	224629	335645	8.49%	1.553%
60	18.648	2617	2620	2627	rVB2	126008	230217	5.82%	1.065%
61	19.495	2761	2764	2773	rVB4	93600	113960	2.88%	0.527%
62	19.948	2835	2841	2849	rVB	3213535	3955687	100.00%	18.308%
63	21.201	3051	3054	3059	rVB2	97146	120556	3.05%	0.558%
64	21.500	3101	3105	3113	rVB	548939	699964	17.70%	3.240%
65	23.912	3509	3515	3526	rVB2	300085	616926	15.60%	2.855%

Sum of corrected areas: 21606583

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121821\
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Operator : CG/JU
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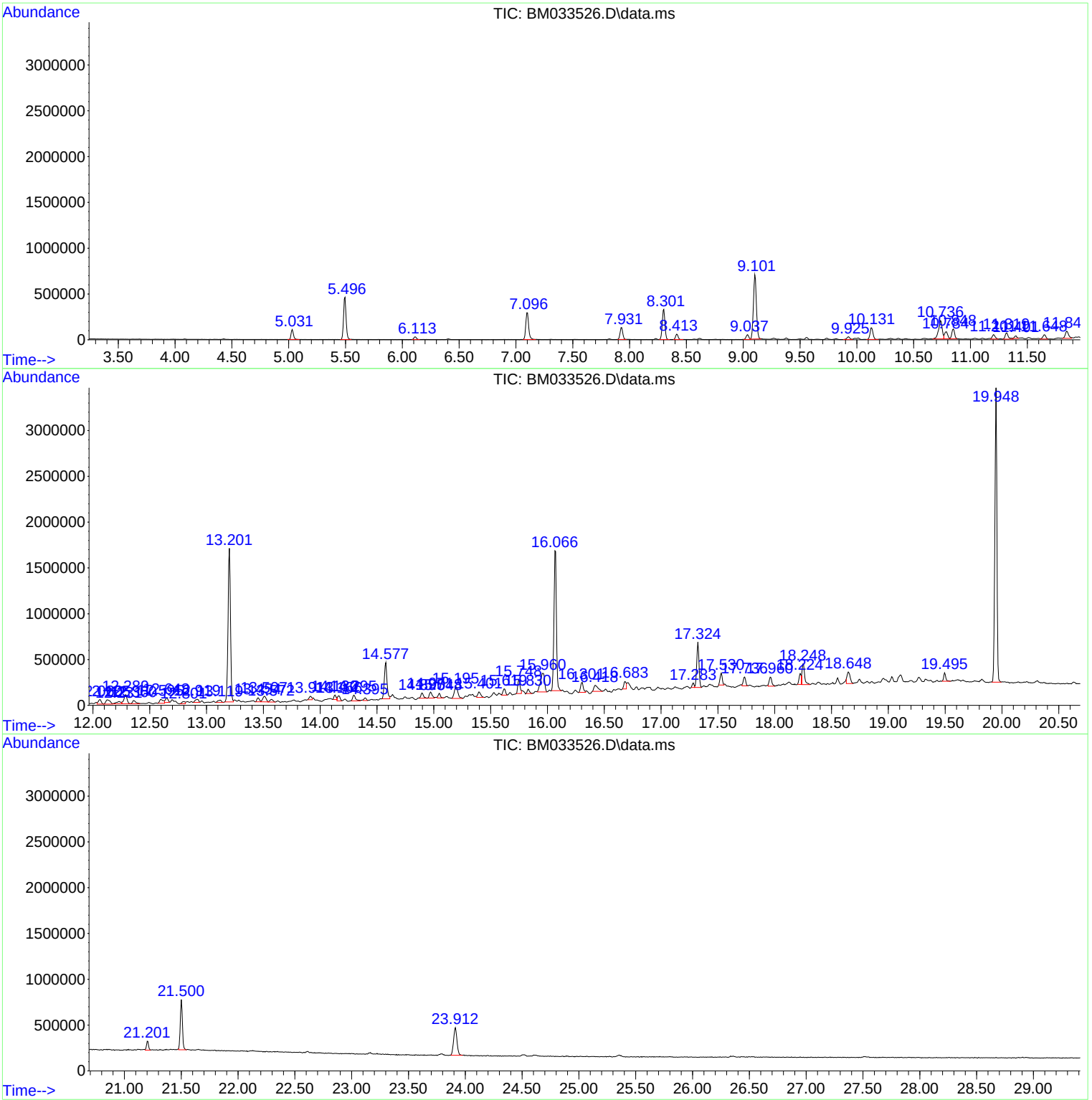
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MW-2R

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM121621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121821\
Data File : BM033526.D
Acq On : 18 Dec 2021 19:26
Operator : CG/JU
Sample : M5115-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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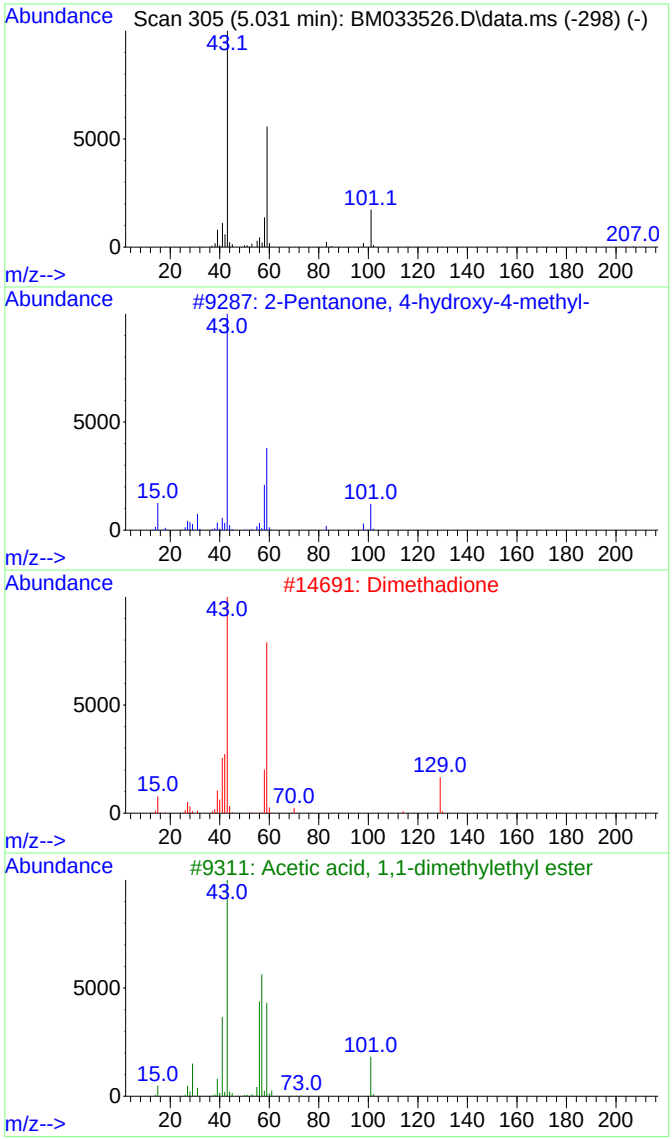
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM121621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

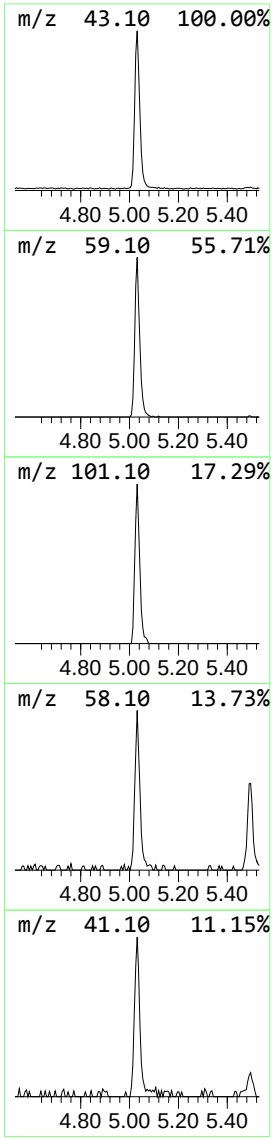
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.031	14.60 ng	158973	1,4-Dichlorobenzene-d4	7.931

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	Dimethadione	129	C5H7NO3	000695-53-4	42
3	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	38
4	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	12
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121821\
Data File : BM033526.D
Acq On : 18 Dec 2021 19:26
Operator : CG/JU
Sample : M5115-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MW-2R

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM121621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

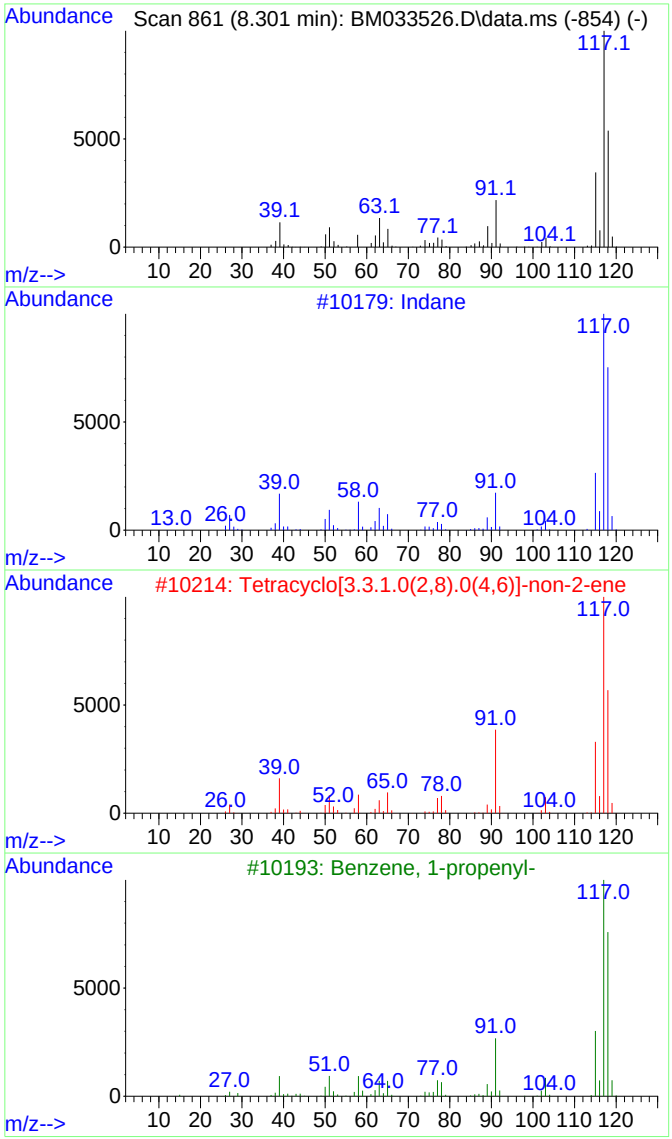
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

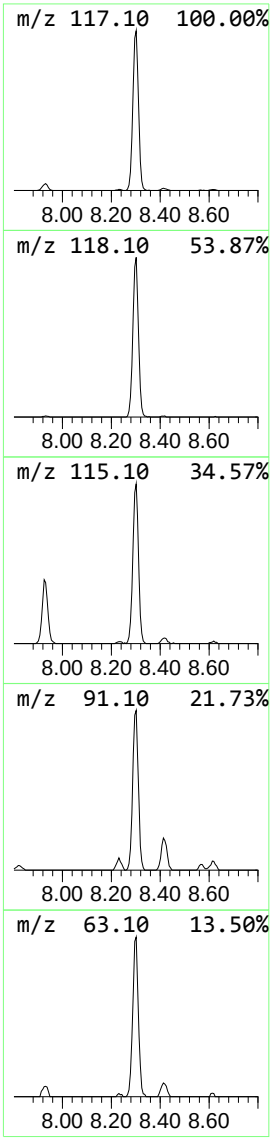
****

Peak Number 2 Indane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.301	49.65 ng	540549	1,4-Dichlorobenzene-d4	7.931

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	87
2	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	68
3	Benzene, 1-propenyl-	118	C9H10	000637-50-3	55
4	Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	53
5	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	52





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121821\
Data File : BM033526.D
Acq On : 18 Dec 2021 19:26
Operator : CG/JU
Sample : M5115-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MW-2R

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM121621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

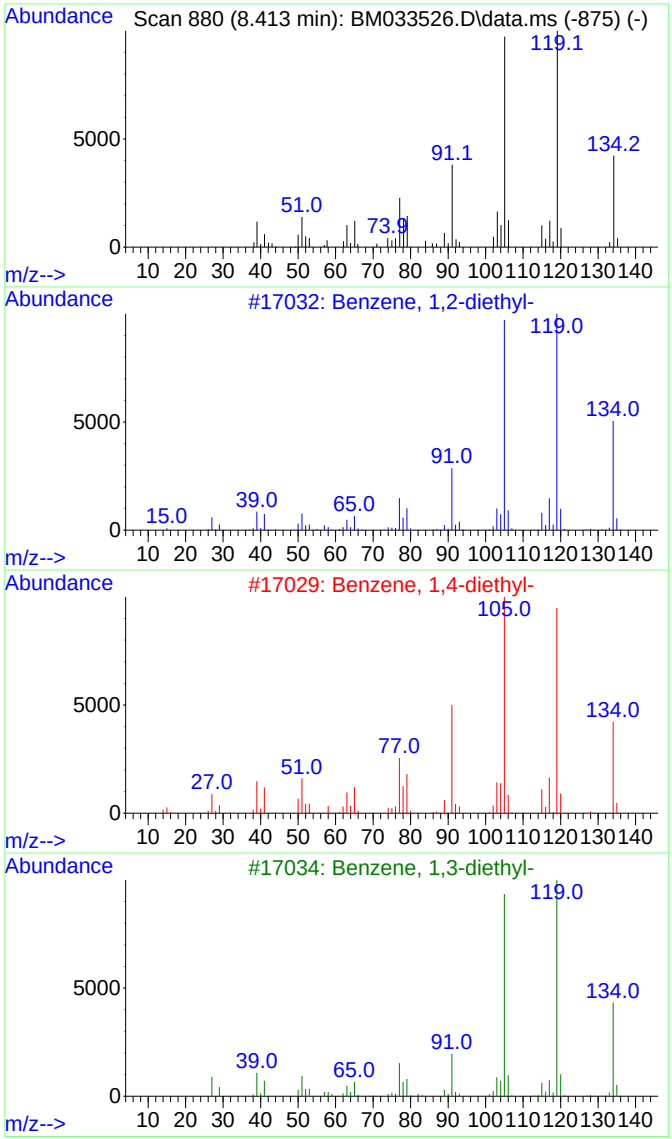
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

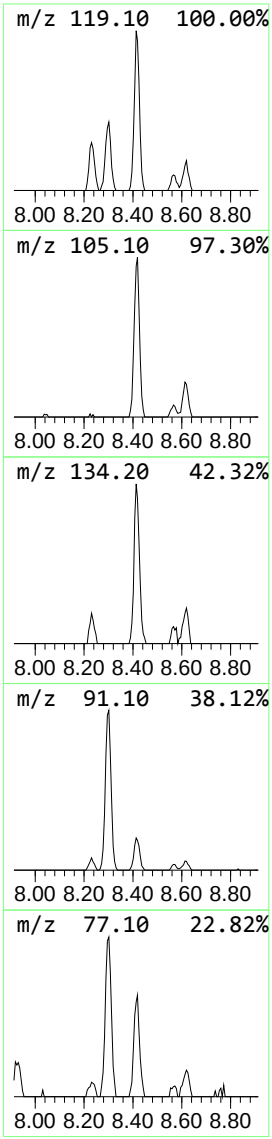
****

Peak Number 3 Benzene, 1,2-diethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.413	8.60 ng	93661	1,4-Dichlorobenzene-d4	7.931

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	97
2	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	96
3	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	95
4	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	87
5	o-Cymene	134	C10H14	000527-84-4	81





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121821\
Data File : BM033526.D
Acq On : 18 Dec 2021 19:26
Operator : CG/JU
Sample : M5115-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MW-2R

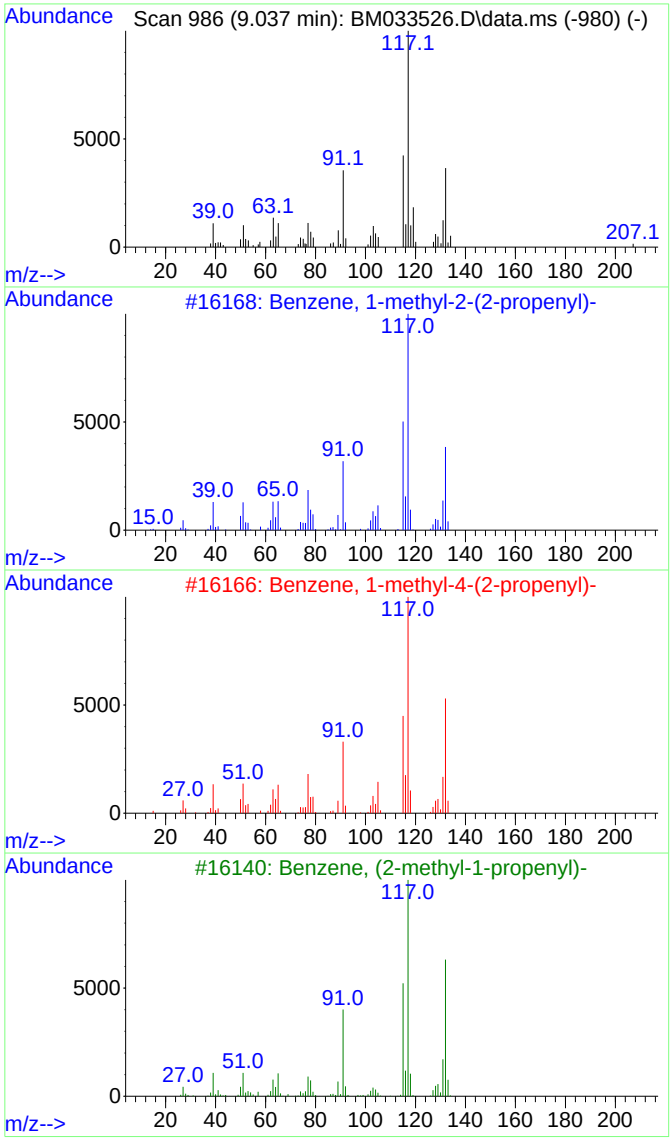
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM121621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

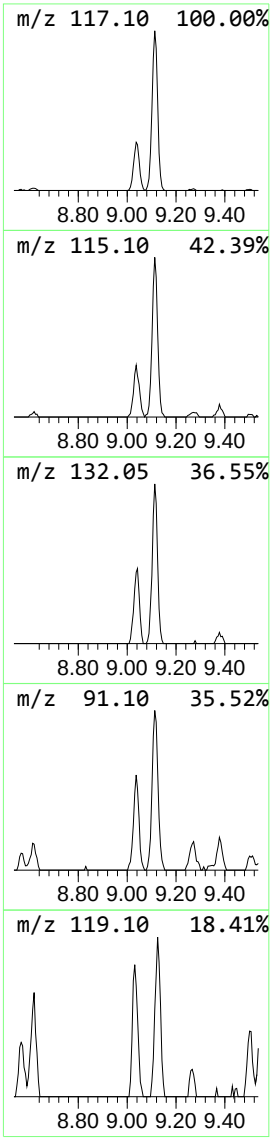
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Benzene, 1-methyl-2-(2-prop... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.037	7.77 ng	84630	1,4-Dichlorobenzene-d4	7.931

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	93
2	Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	91
3	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	90
4	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	90
5	Benzene, 2-butenyl-	132	C10H12	001560-06-1	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121821\
Data File : BM033526.D
Acq On : 18 Dec 2021 19:26
Operator : CG/JU
Sample : M5115-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MW-2R

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM121621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

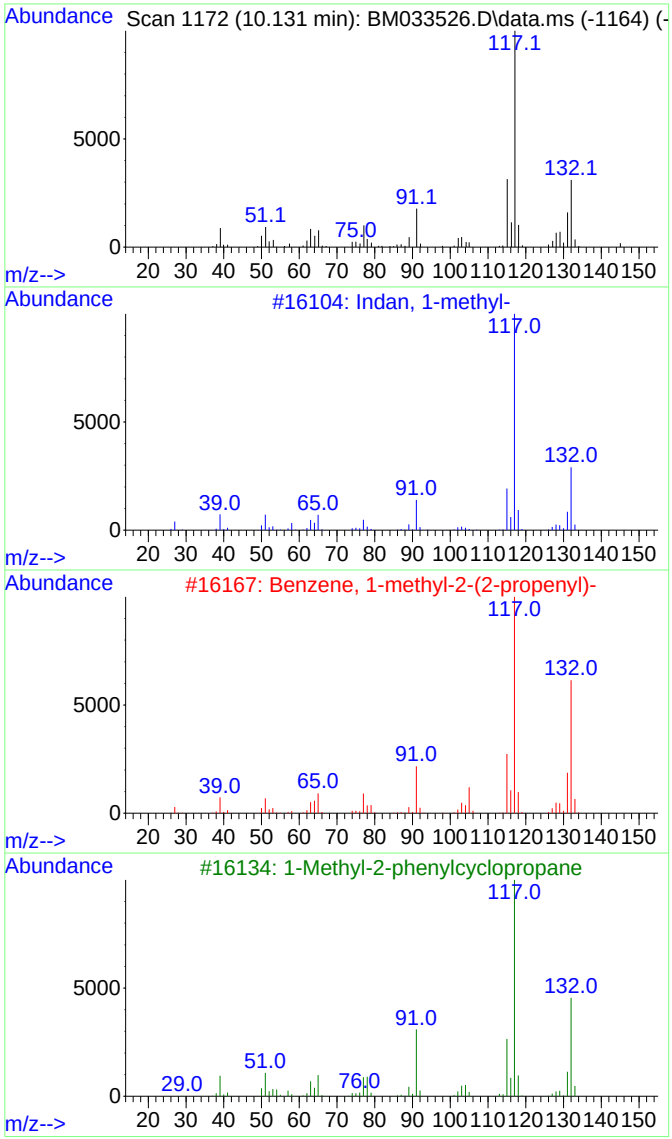
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

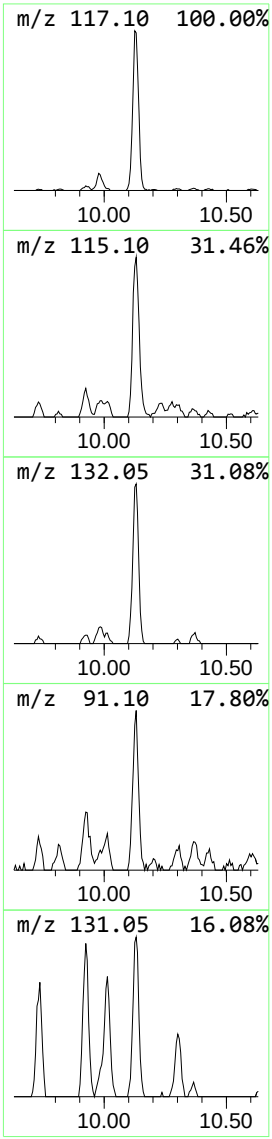
****

Peak Number 5 Indan, 1-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.131	10.26 ng	233506	Naphthalene-d8	10.736

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indan, 1-methyl-	132	C10H12	000767-58-8	91
2	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	91
3	1-Methyl-2-phenylcyclopropane	132	C10H12	003145-76-4	91
4	Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	91
5	3-Phenylbut-1-ene	132	C10H12	000934-10-1	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121821\
Data File : BM033526.D
Acq On : 18 Dec 2021 19:26
Operator : CG/JU
Sample : M5115-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MW-2R

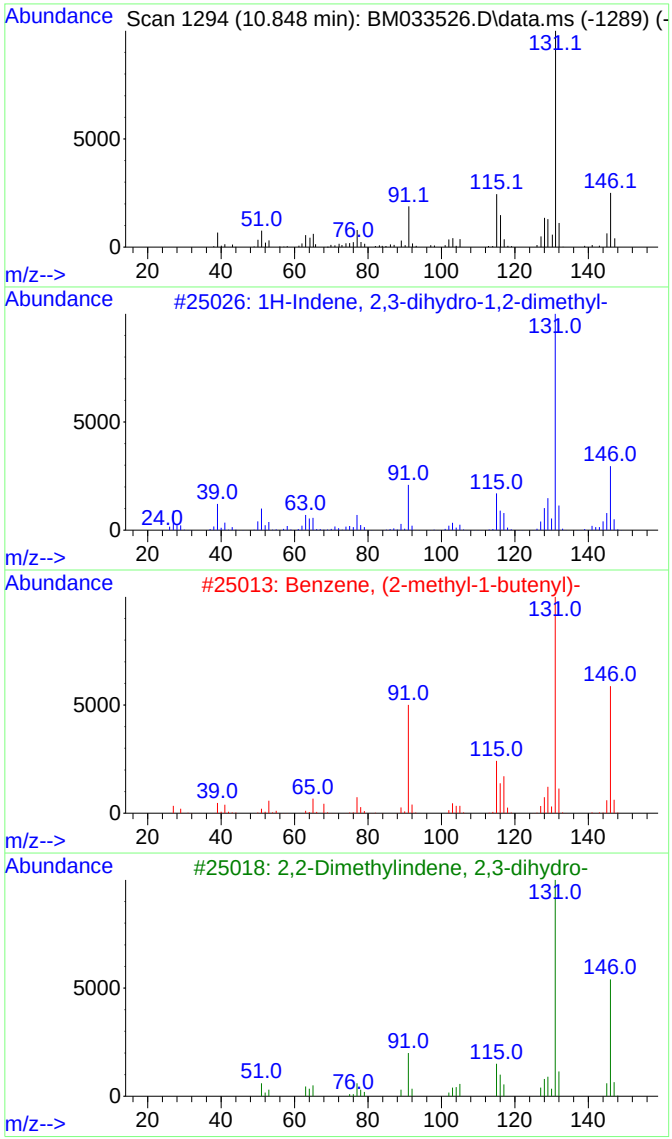
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM121621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

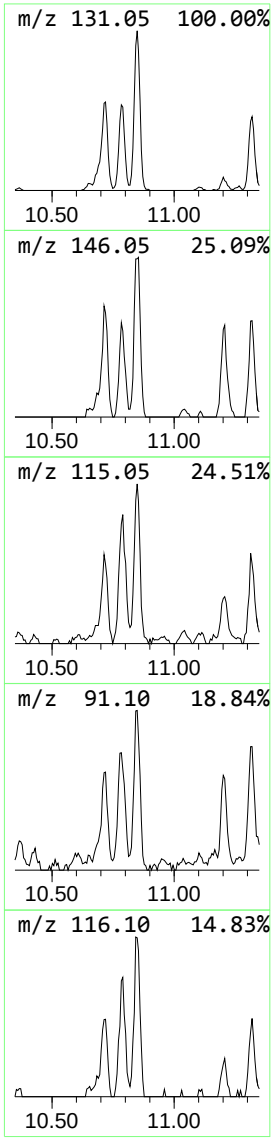
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 1H-Indene, 2,3-dihydro-1,2-... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.848	7.82 ng	178126	Naphthalene-d8	10.736

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	94
2	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	94
3	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	94
4	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	91
5	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121821\
Data File : BM033526.D
Acq On : 18 Dec 2021 19:26
Operator : CG/JU
Sample : M5115-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MW-2R

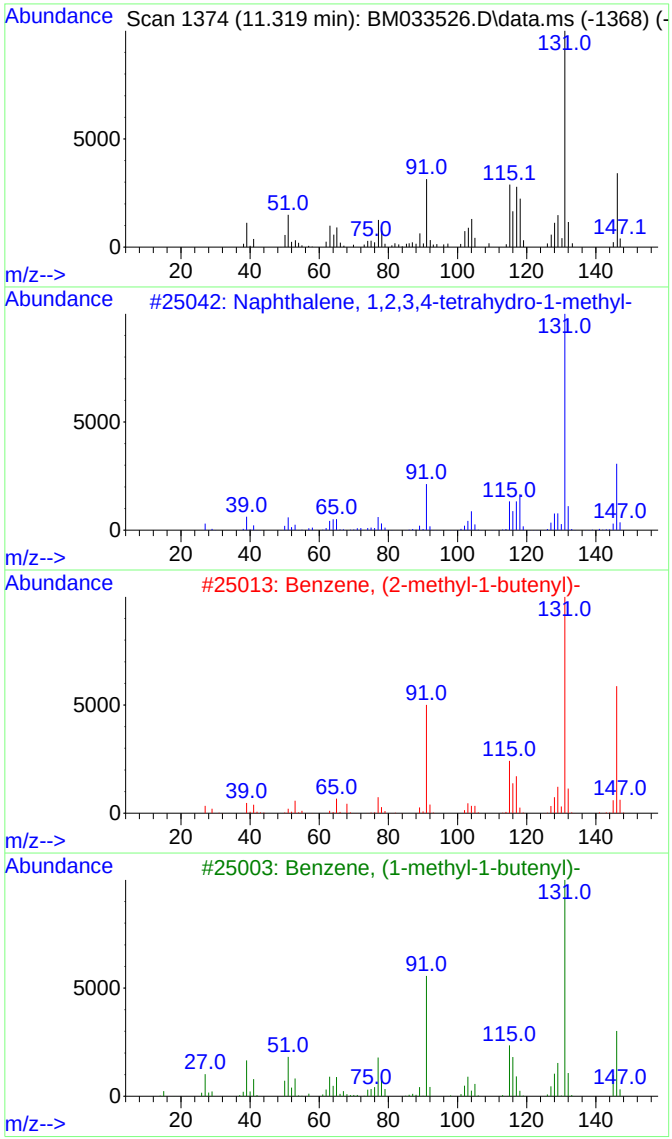
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM121621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

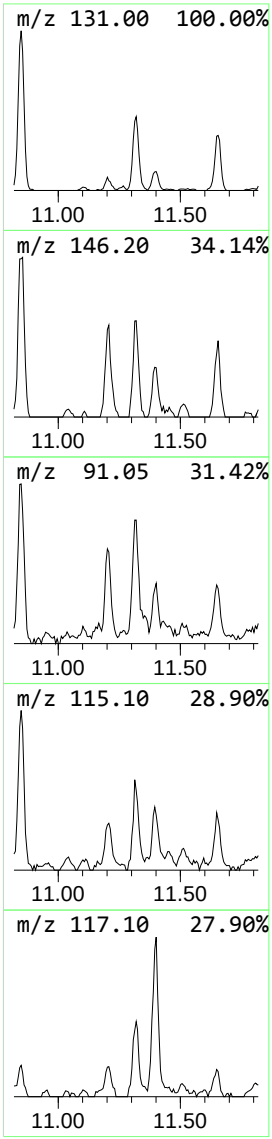
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.319	6.02 ng	137157	Naphthalene-d8	10.736

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	93
2	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	91
3	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	89
4	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	81
5	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	81





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Acq On : 18 Dec 2021 19:26
Operator : CG/JU
Sample : M5115-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MW-2R

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM121621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

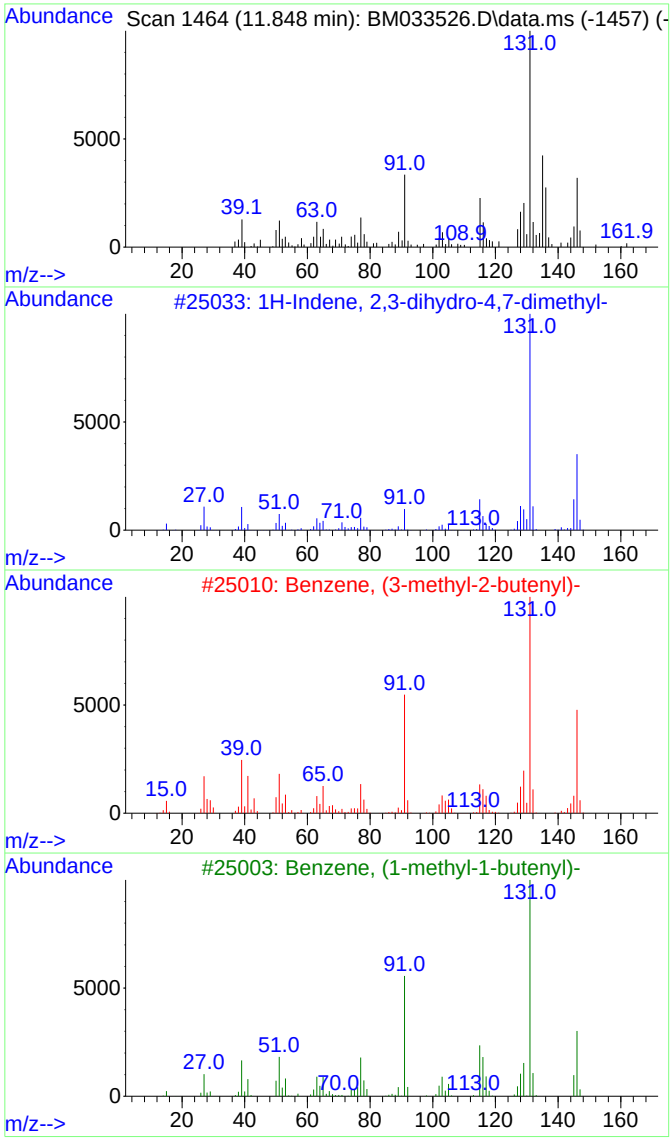
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

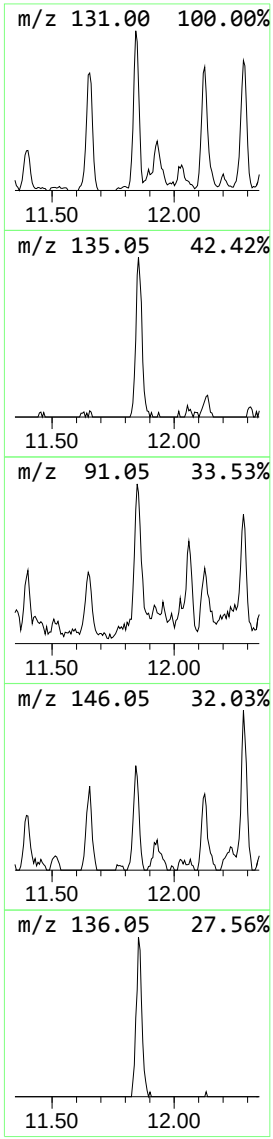
****

Peak Number 8 1H-Indene, 2,3-dihydro-4,7-... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.848	6.84 ng	155708	Naphthalene-d8	10.736

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	70
2	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	70
3	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	70
4	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	70
5	Ethyl-2-benzofuran	146	C10H10O	003131-63-3	64





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Operator : CG/JU
Sample : M5115-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MW-2R

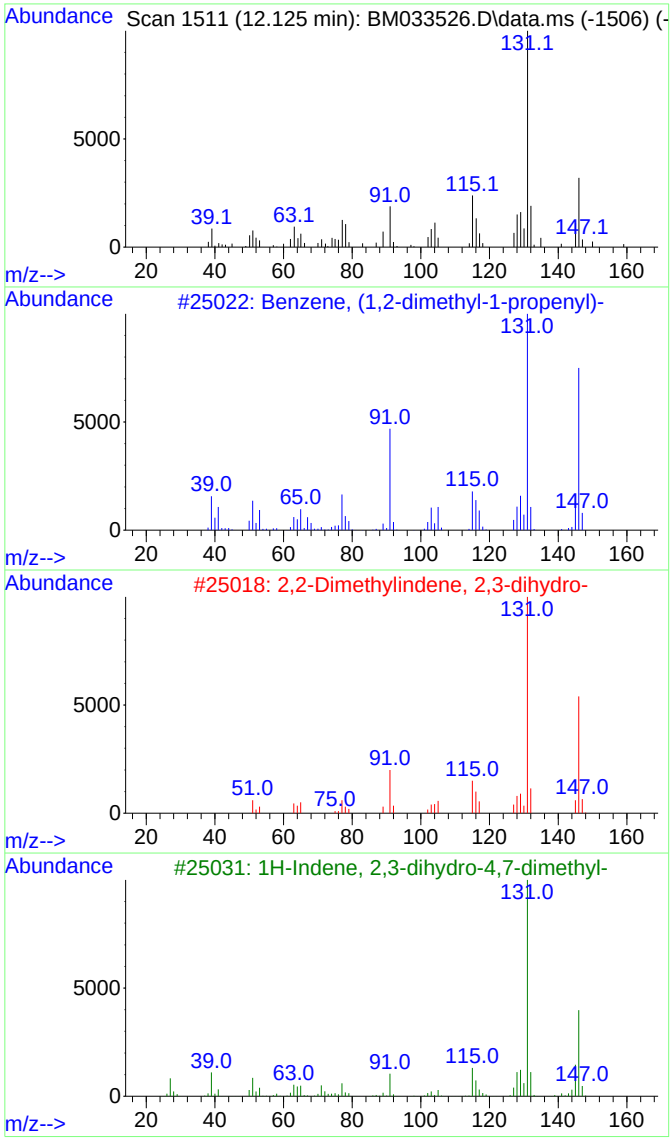
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM121621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

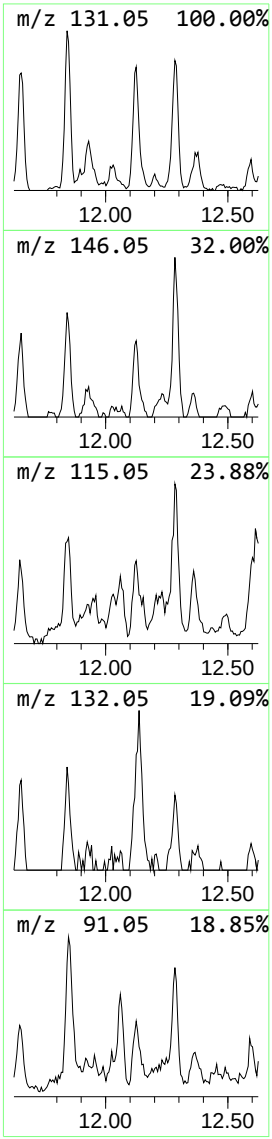
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Benzene, (1,2-dimethyl-1-pr... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.125	5.37 ng	122214	Naphthalene-d8	10.736

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	93
2	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	90
3	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	90
4	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	87
5	1H-Indene, 2,3-dihydro-5,6-dimet...	146	C11H14	001075-22-5	87





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Sample : M5115-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MW-2R

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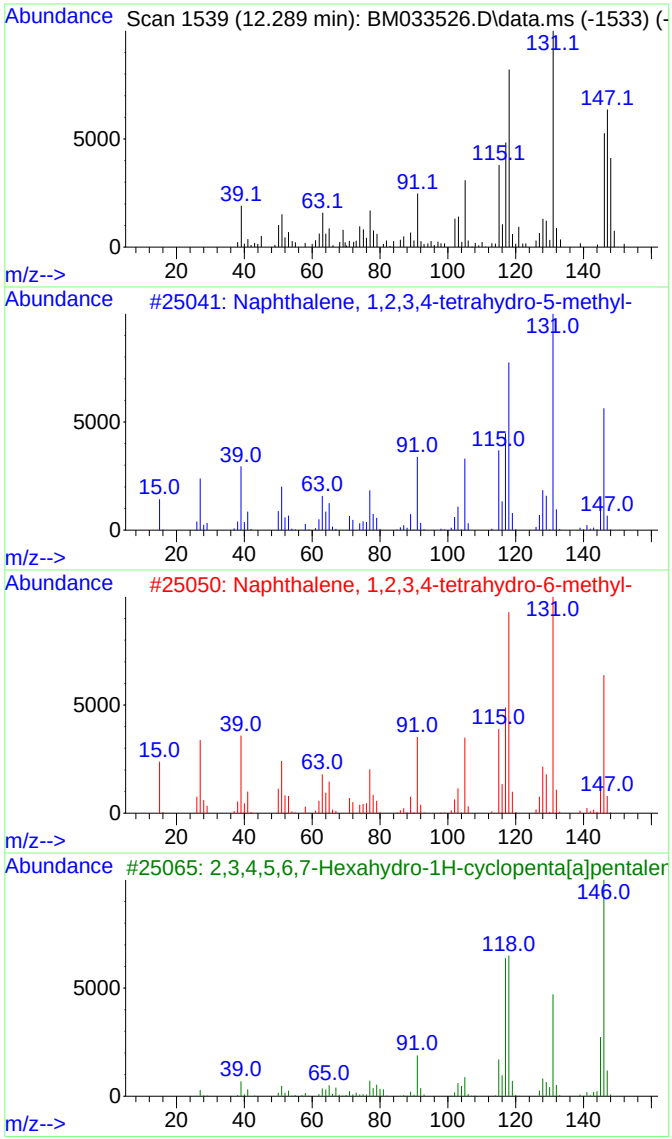
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

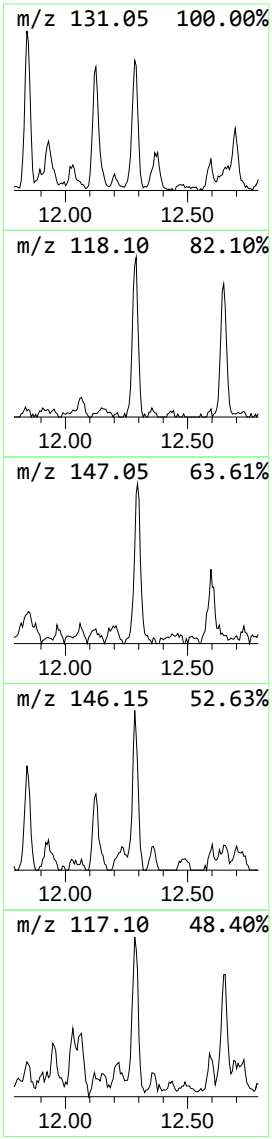
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.289	8.09 ng	184139	Naphthalene-d8	10.736

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	95
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	90
3	2,3,4,5,6,7-Hexahydro-1H-cyclope...	146	C11H14	1010189-31-0	43
4	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	41
5	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	41





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Sample : M5115-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MW-2R

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM121621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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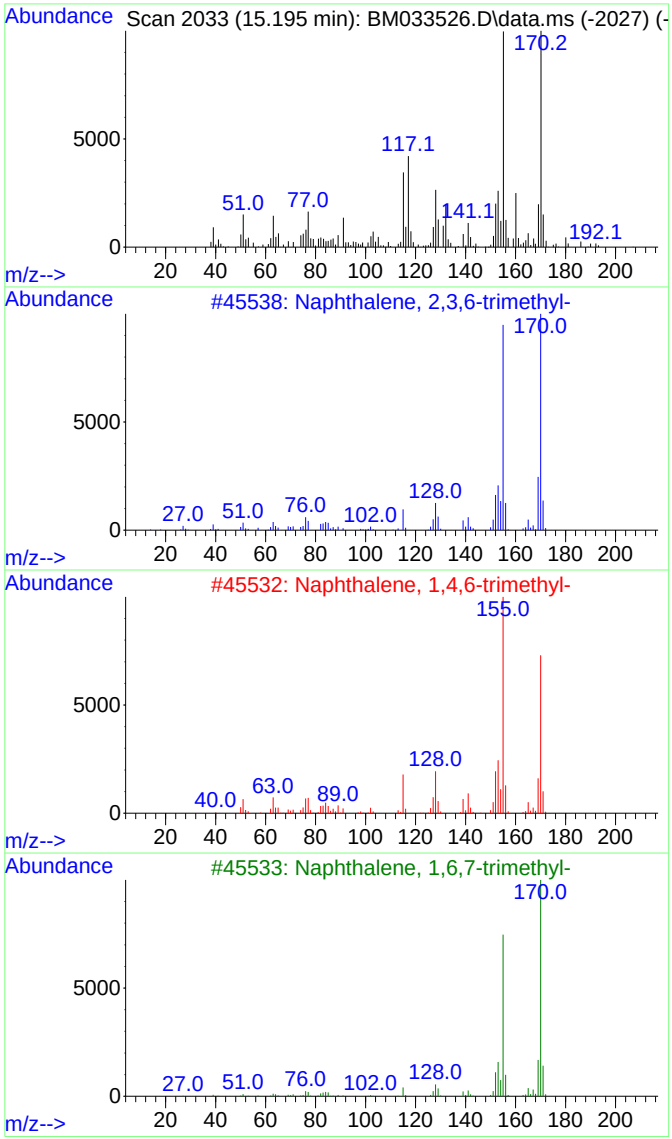
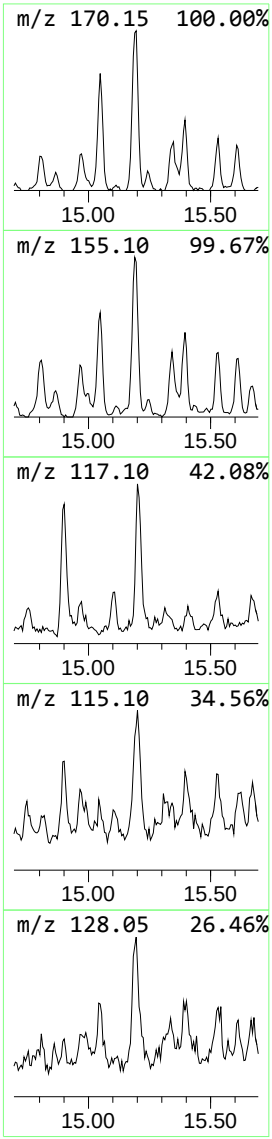
Peak Number 11 Naphthalene, 2,3,6-trimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.195	8.79 ng	281601	Acenaphthene-d10	14.577

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	98
2	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	98
3	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	97
4	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	92
5	3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	83





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Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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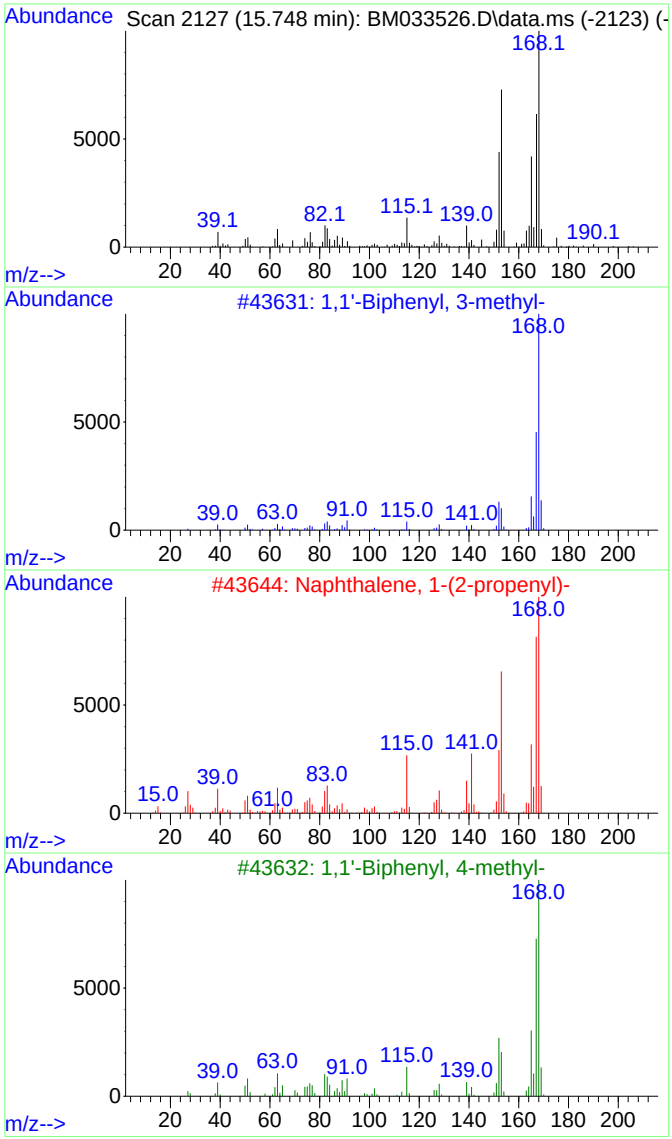
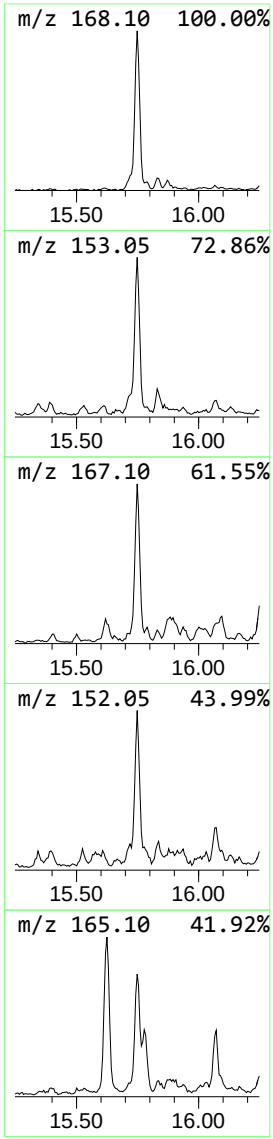
Peak Number 12 1,1'-Biphenyl, 3-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.748	6.73 ng	215623	Acenaphthene-d10	14.577

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	76
2	Naphthalene, 1-(2-propenyl)-	168	C13H12	002489-86-3	64
3	1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	49
4	Benzene, [1-(2,4-cyclopentadien-...	168	C13H12	002320-32-3	47
5	2,2-Diphenylethanol	198	C14H14O	001883-32-5	43





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Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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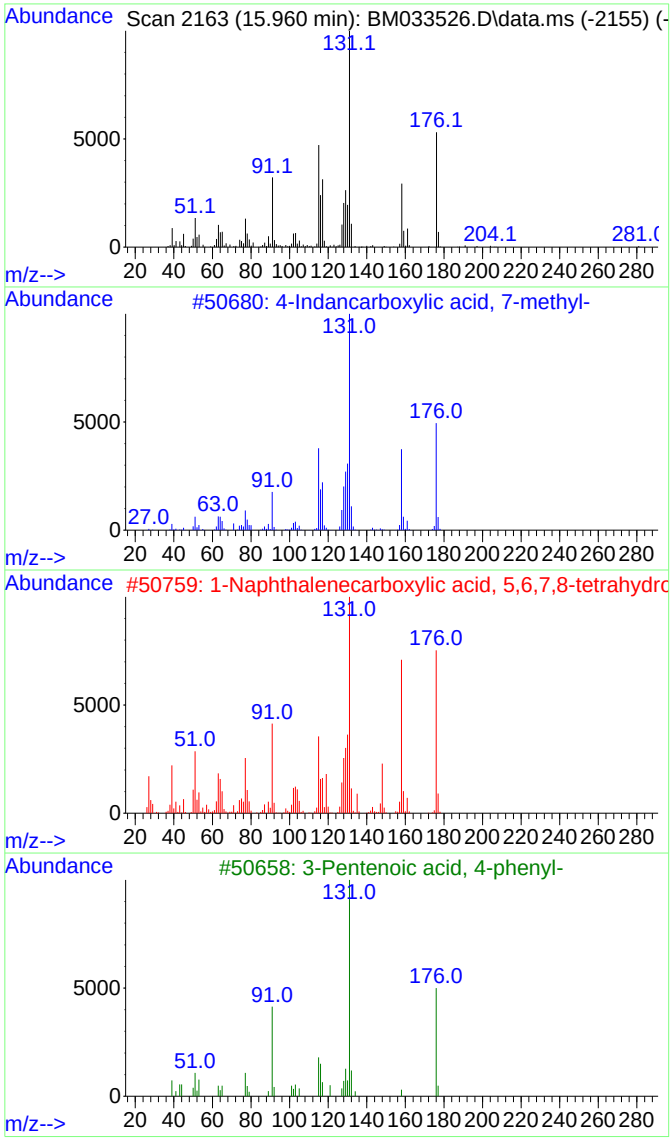
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM121621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

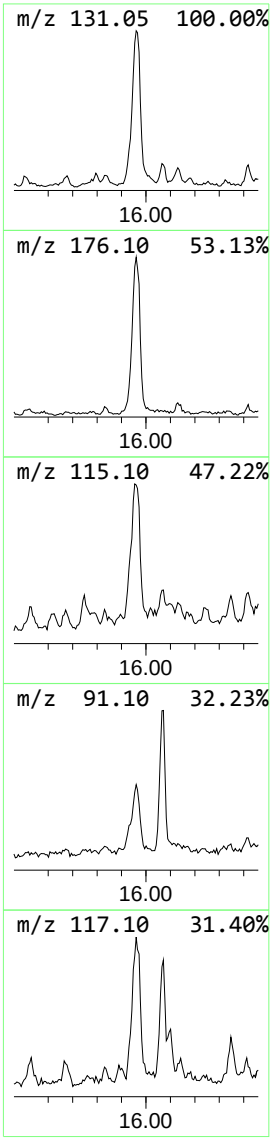
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 4-Indancarboxylic acid, 7-m... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.960	15.06 ng	512048	Phenanthrene-d10	17.324

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Indancarboxylic acid, 7-methyl-	176	C11H12O2	071042-74-5	91
2	1-Naphthalenecarboxylic acid, 5,...	176	C11H12O2	004242-18-6	58
3	3-Pentenoic acid, 4-phenyl-	176	C11H12O2	053774-19-9	49
4	Benzene, (3-chloro-1-methyl-1-pr...	166	C10H11Cl	1000327-43-7	43
5	2,3-Dihydro-1H-inden-5-ylacetic ...	176	C11H12O2	005453-98-5	43





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Sample : M5115-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MW-2R

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM121621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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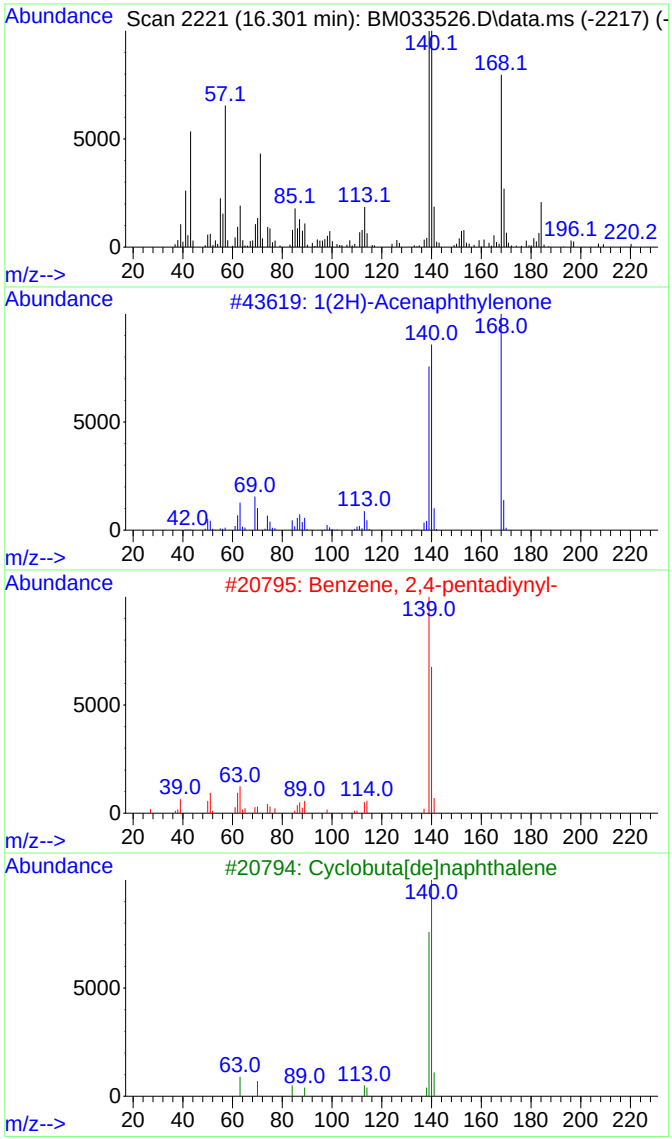
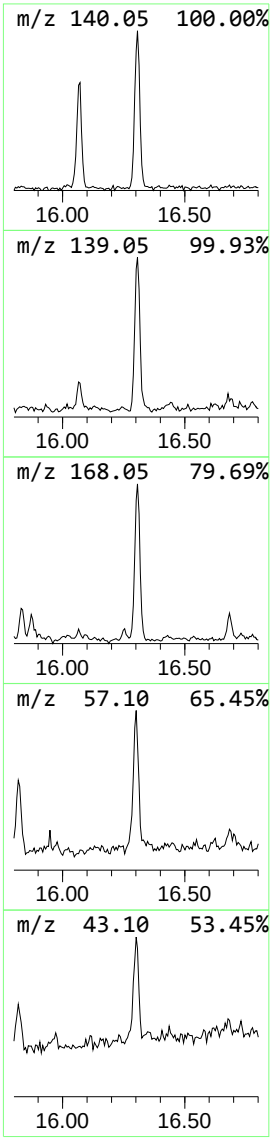
Peak Number 14 1(2H)-Acenaphthylenone Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.301	5.39 ng	183176	Phenanthrene-d10	17.324

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1(2H)-Acenaphthylenone	168	C12H8O	002235-15-6	91
2	Benzene, 2,4-pentadiynyl-	140	C11H8	041268-41-1	46
3	Cyclobuta[de]naphthalene	140	C11H8	024973-91-9	43
4	5,6,7,8-Tetrahydro-thiazolo[5,4-...	168	C7H8N2OS	1000317-75-4	43
5	Dibenzofuran	168	C12H8O	000132-64-9	41





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Instrument :
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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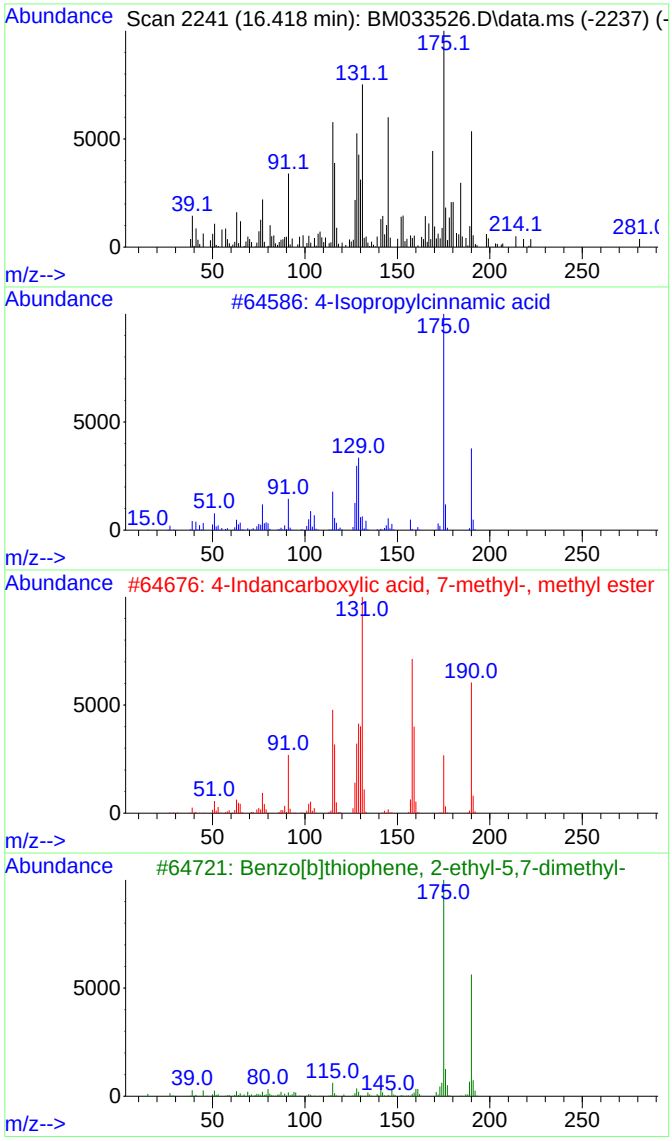
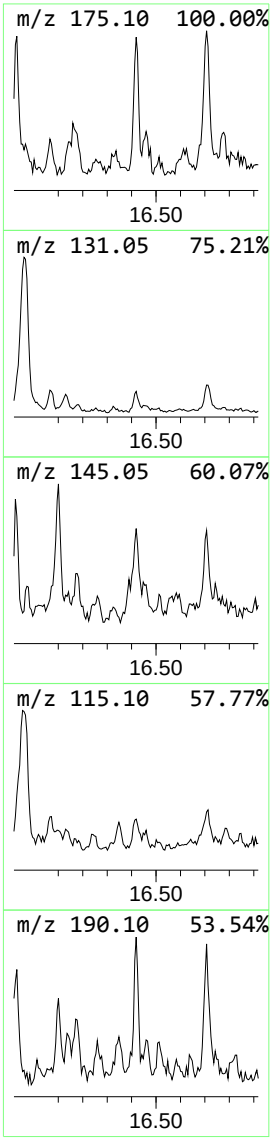
Peak Number 15 unknown16.419 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.419	5.06 ng	172199	Phenanthrene-d10	17.324

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Isopropylcinnamic acid	190	C12H14O2	003368-21-6	38
2	4-Indancarboxylic acid, 7-methyl...	190	C12H14O2	001013-02-1	35
3	Benzo[b]thiophene, 2-ethyl-5,7-d...	190	C12H14S	018428-05-2	22
4	Acetamide, 2-(1-benzimidazolyl)-	175	C9H9N3O	054980-92-6	22
5	Benzo[c]furanone, 3,3,4,7-tetram...	190	C12H14O2	037740-08-2	18





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Instrument :
BNA_M
ClientSampleId :
MW-2R

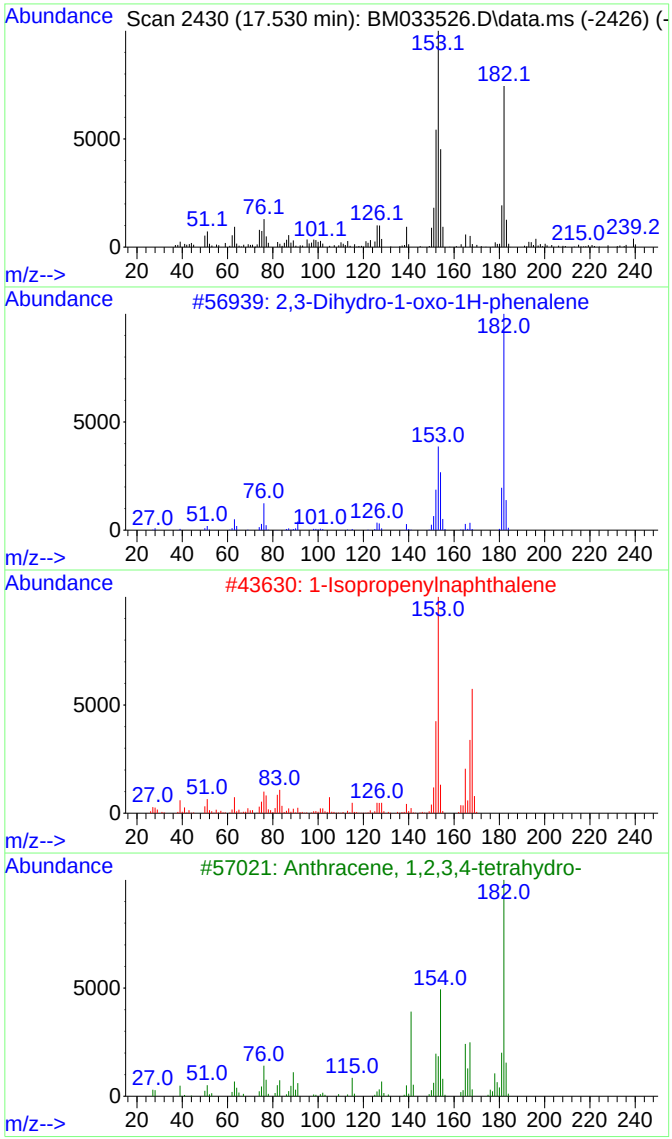
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM121621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

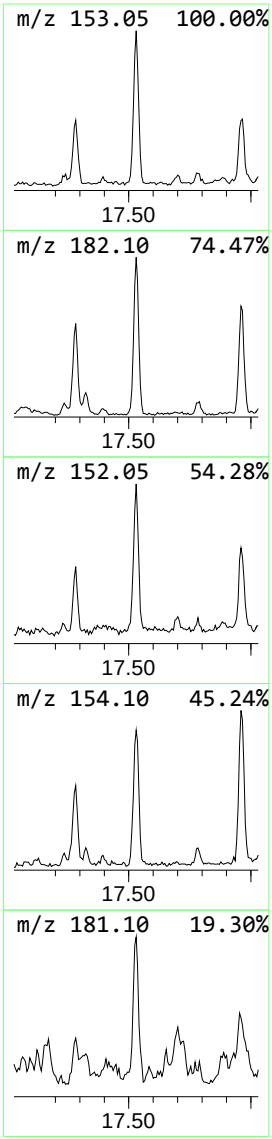
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 2,3-Dihydro-1-oxo-1H-phenalene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.530	5.27 ng	179089	Phenanthrene-d10	17.324

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3-Dihydro-1-oxo-1H-phenalene	182	C13H10O	000518-85-4	76
2	1-Isopropenylnaphthalene	168	C13H12	001855-47-6	50
3	Anthracene, 1,2,3,4-tetrahydro-	182	C14H14	002141-42-6	49
4	5-Acenaphthylenecarboxaldehyde, ...	182	C13H10O	1000362-64-3	49
5	9H-Pyrido[3,4-b]indole, 1-methyl-	182	C12H10N2	000486-84-0	41





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ClientSampleId :
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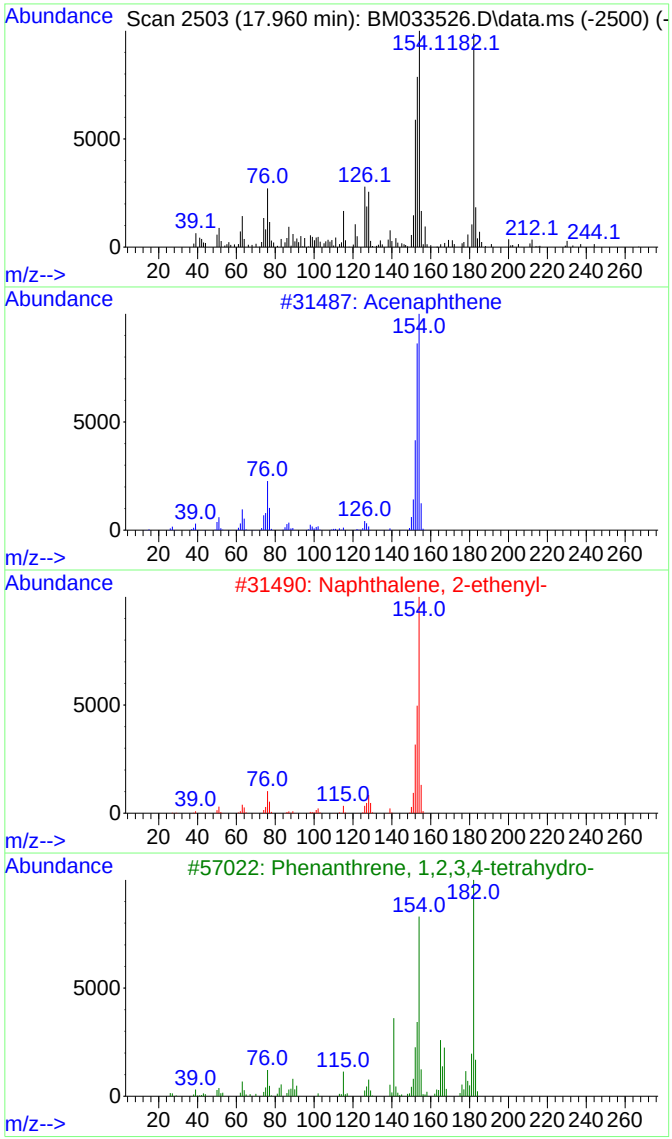
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

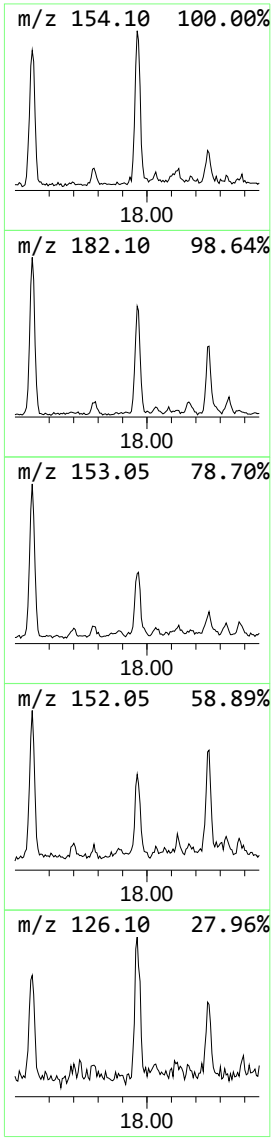
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 Naphthalene, 2-ethenyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.959	4.73 ng	160969	Phenanthrene-d10	17.324

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acenaphthene	154	C12H10	000083-32-9	50
2	Naphthalene, 2-ethenyl-	154	C12H10	000827-54-3	50
3	Phenanthrene, 1,2,3,4-tetrahydro-	182	C14H14	001013-08-7	49
4	1,2-Acenaphthylenedione	182	C12H6O2	000082-86-0	46
5	Biphenyl	154	C12H10	000092-52-4	46





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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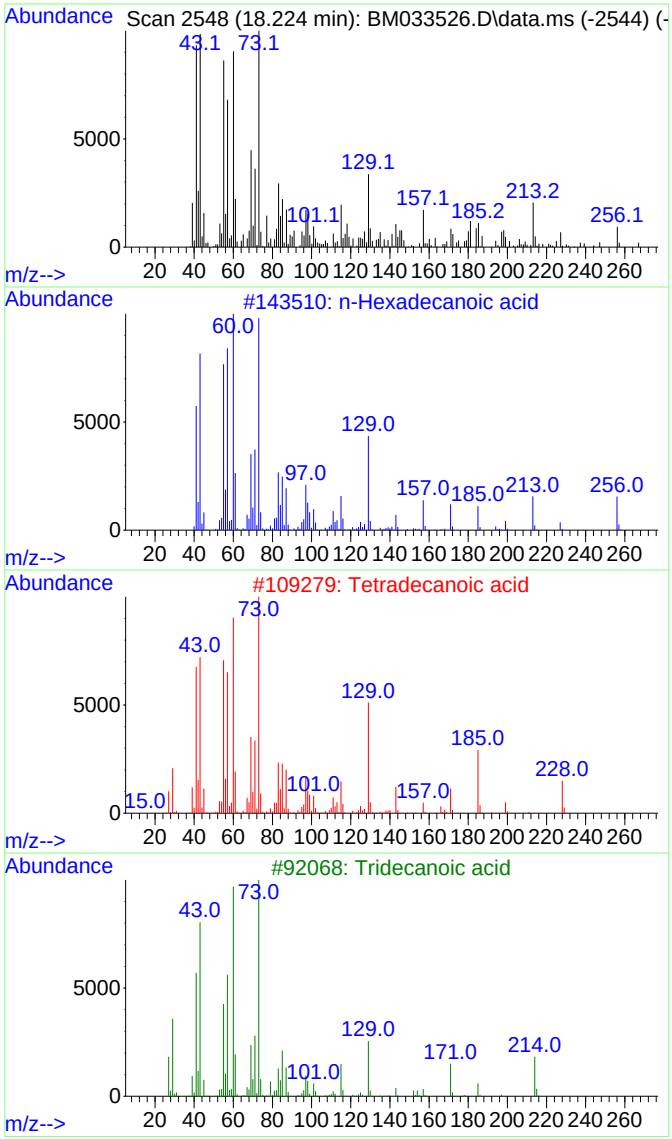
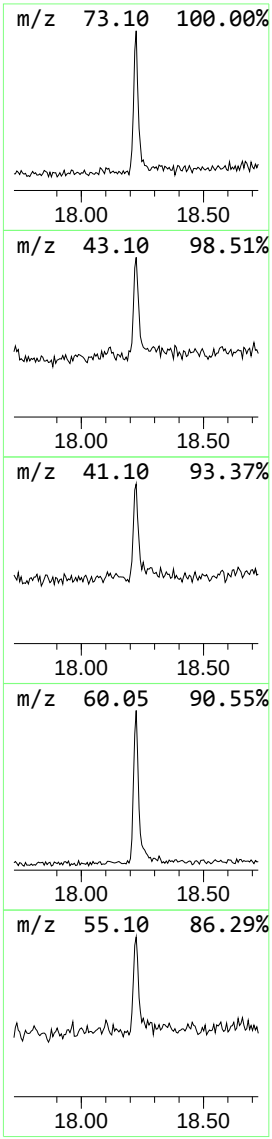
Peak Number 18 n-Hexadecanoic acid Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.224	5.00 ng	169963	Phenanthrene-d10	17.324

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	89
3	Tridecanoic acid	214	C13H26O2	000638-53-9	81
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	64
5	Dodecanoic acid	200	C12H24O2	000143-07-7	58





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Data File : BM033526.D
Acq On : 18 Dec 2021 19:26
Operator : CG/JU
Sample : M5115-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MW-2R

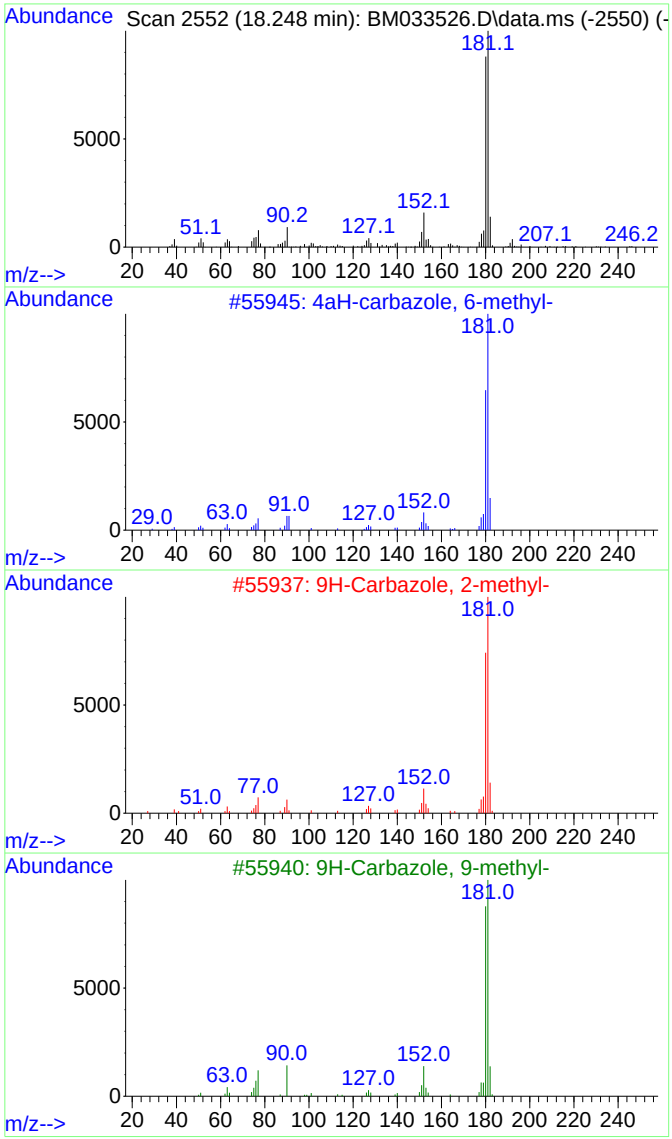
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM121621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

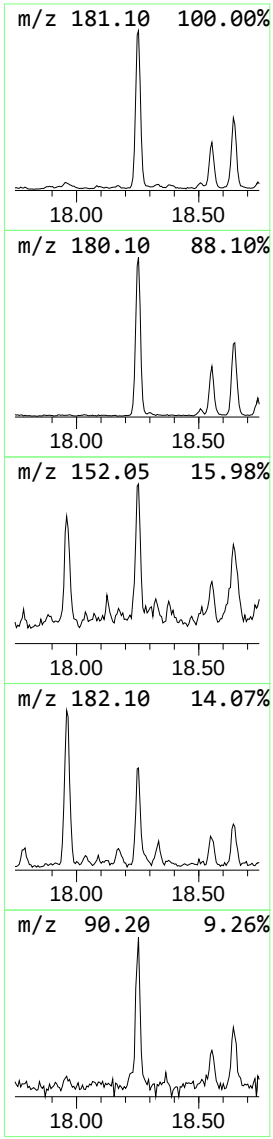
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 4aH-carbazole, 6-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.248	9.87 ng	335645	Phenanthrene-d10	17.324

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4aH-carbazole, 6-methyl-	181	C13H11N	1000404-86-1	97
2	9H-Carbazole, 2-methyl-	181	C13H11N	003652-91-3	96
3	9H-Carbazole, 9-methyl-	181	C13H11N	001484-12-4	95
4	3-Methylcarbazole	181	C13H11N	004630-20-0	95
5	1-Methylcarbazole	181	C13H11N	006510-65-2	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121821\
Data File : BM033526.D
Acq On : 18 Dec 2021 19:26
Operator : CG/JU
Sample : M5115-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MW-2R

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM121621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

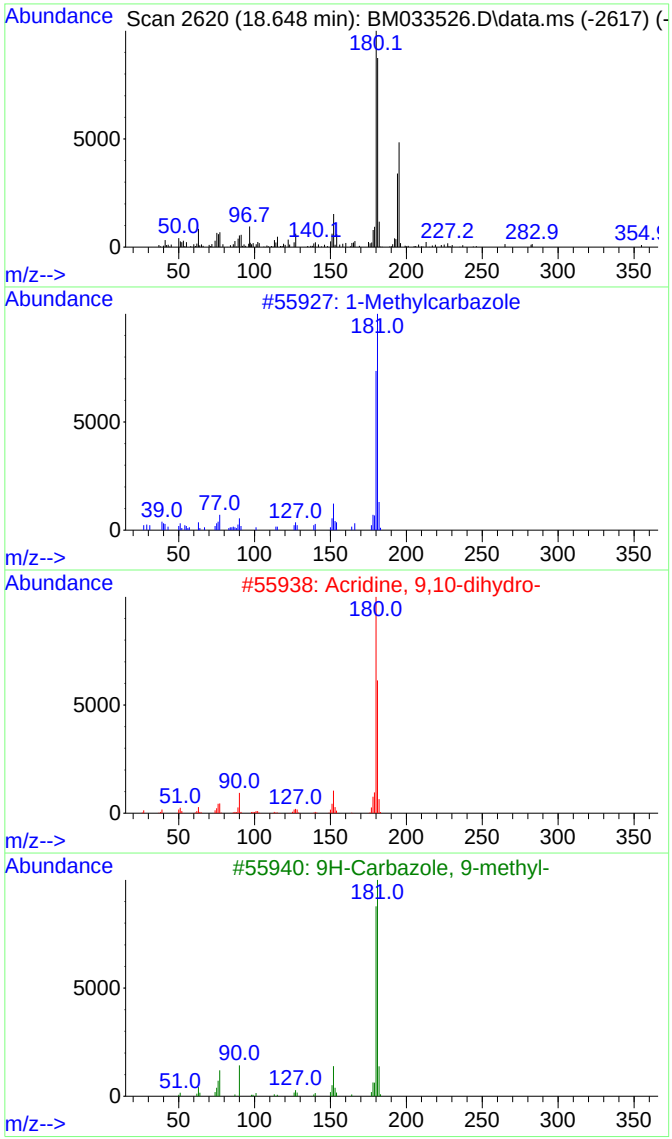
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

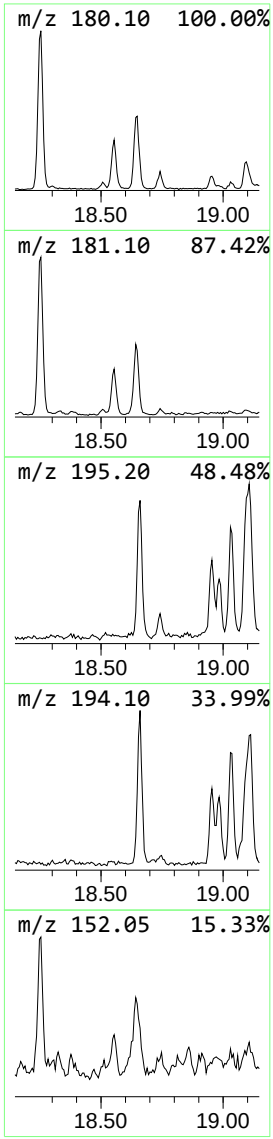
****

Peak Number 20 1-Methylcarbazole Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.648	6.77 ng	230217	Phenanthrene-d10	17.324

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Methylcarbazole	181	C13H11N	006510-65-2	70
2	Acridine, 9,10-dihydro-	181	C13H11N	000092-81-9	70
3	9H-Carbazole, 9-methyl-	181	C13H11N	001484-12-4	70
4	3-Methylcarbazole	181	C13H11N	004630-20-0	62
5	9H-Carbazole, 2-methyl-	181	C13H11N	003652-91-3	55





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121821\
Data File : BM033526.D
Acq On : 18 Dec 2021 19:26
Operator : CG/JU
Sample : M5115-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MW-2R

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM121621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-...	5.031	14.6	ng	158973	1	7.931	217740	20.0
Indane	8.301	49.6	ng	540549	1	7.931	217740	20.0
Benzene, 1,2-di...	8.413	8.6	ng	93661	1	7.931	217740	20.0
Benzene, 1-meth...	9.037	7.8	ng	84630	1	7.931	217740	20.0
Indan, 1-methyl-	10.131	10.3	ng	233506	2	10.736	455313	20.0
1H-Indene, 2,3-...	10.848	7.8	ng	178126	2	10.736	455313	20.0
Naphthalene, 1,...	11.319	6.0	ng	137157	2	10.736	455313	20.0
1H-Indene, 2,3-...	11.848	6.8	ng	155708	2	10.736	455313	20.0
Benzene, (1,2-d...	12.125	5.4	ng	122214	2	10.736	455313	20.0
Naphthalene, 1,...	12.289	8.1	ng	184139	2	10.736	455313	20.0
Naphthalene, 2,...	15.195	8.8	ng	281601	3	14.577	640932	20.0
1,1'-Biphenyl, ...	15.748	6.7	ng	215623	3	14.577	640932	20.0
4-Indancarboxyl...	15.960	15.1	ng	512048	4	17.324	679975	20.0
1(2H)-Acenaphth...	16.301	5.4	ng	183176	4	17.324	679975	20.0
unknown16.419	16.419	5.1	ng	172199	4	17.324	679975	20.0
2,3-Dihydro-1-o...	17.530	5.3	ng	179089	4	17.324	679975	20.0
Naphthalene, 2-...	17.959	4.7	ng	160969	4	17.324	679975	20.0
n-Hexadecanoic ...	18.224	5.0	ng	169963	4	17.324	679975	20.0
4aH-carbazole, ...	18.248	9.9	ng	335645	4	17.324	679975	20.0
1-Methylcarbazole	18.648	6.8	ng	230217	4	17.324	679975	20.0