LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111023\
Data File : BM042692.D
Acq On : 10 Nov 2023 15:34
Operator : MA/JU
Sample : 05317-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
RB-21148

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-BM103023.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM042692.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.381	400	407	424	rBV	945653	1491314	26.22%	2.798%
2	7.016	677	685	705	rBV	993667	1701708	29.92%	3.193%
3	7.845	820	826	838	rBV	186828	321943	5.66%	0.604%
4	9.045	1022	1030	1050	rBV	603006	1094562	19.24%	2.054%
5	10.663	1297	1305	1309	rBV	248608	433372	7.62%	0.813%
6	10.710	1309	1313	1326	rVB	136000	248703	4.37%	0.467%
7	12.321	1581	1587	1598	rBV	69859	132396	2.33%	0.248%
8	12.545	1613	1625	1633	rVB2	51230	103020	1.81%	0.193%
9	13.121	1709	1723	1742	rBV	1953526	2730516	48.00%	5.123%
10	13.339	1754	1760	1767	rBV2	53938	93135	1.64%	0.175%
11	13.816	1835	1841	1846	rBV2	38493	74366	1.31%	0.140%
12	14.233	1905	1912	1923	rVB	85269	143673	2.53%	0.270%
13	14.498	1947	1957	1963	rBV	442580	690729	12.14%	1.296%
14	14.568	1963	1969	1982	rVB	745409	1097700	19.30%	2.060%
15	14.904	2018	2026	2033	rBV	311157	484771	8.52%	0.910%
16	15.551	2128	2136	2146	rBV	716324	1013259	17.81%	1.901%
17	15.704	2159	2162	2167	rVB2	56722	79220	1.39%	0.149%
18	15.833	2181	2184	2193	rVB	74955	105409	1.85%	0.198%
19	15.998	2203	2212	2222	rBV	2057026	2890288	50.81%	5.423%
20	16.151	2233	2238	2246	rBV2	29697	59932	1.05%	0.112%
21	16.251	2251	2255	2261	rBV2	37343	59471	1.05%	0.112%
22	16.339	2266	2270	2278	rVB	46413	70211	1.23%	0.132%
23	16.545	2294	2305	2310	rBV	79049	179818	3.16%	0.337%
24	16.745	2335	2339	2345	rBV3	60114	121324	2.13%	0.228%
25	16.892	2360	2364	2367	rBV3	37754	57862	1.02%	0.109%
26	16.974	2374	2378	2385	rVB3	43705	93599	1.65%	0.176%
27	17.074	2390	2395	2406	rBV	171420	268735	4.72%	0.504%
28	17.256	2420	2426	2429	rBV	534406	804336	14.14%	1.509%
29	17.304	2429	2434	2441	rVV	4323361	5688372	100.00%	10.673%
30	17.386	2442	2448	2457	rVV	625433	993294	17.46%	1.864%
31	17.462	2457	2461	2465	rVB	51454	79493	1.40%	0.149%
32	17.680	2489	2498	2507	rBV	312876	626173	11.01%	1.175%
33	17.762	2509	2512	2520	rVB4	54065	113964	2.00%	0.214%
34	18.115	2567	2572	2578	rBV2	766581	1195024	21.01%	2.242%
35	18.174	2578	2582	2587	rVV	226916	344196	6.05%	0.646%
36	18.256	2592	2596	2601	rBV	112231	159641	2.81%	0.300%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111023\
Data File : BM042692.D
Acq On : 10 Nov 2023 15:34
Operator : MA/JU
Sample : 05317-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
RB-21148

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-BM103023.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	18.327	2602	2608	2612	rBV	490489	797957	14.03%	1.497%
38	18.627	2656	2659	2664	rBV	191359	261487	4.60%	0.491%
39	19.315	2771	2776	2784	rBV	4173349	5451449	95.83%	10.229%
40	19.392	2786	2789	2796	rBV3	401735	827029	14.54%	1.552%
41	19.645	2828	2832	2835	rBV2	732235	1231528	21.65%	2.311%
42	19.686	2835	2839	2846	rVB	3304344	4315117	75.86%	8.096%
43	19.874	2867	2871	2878	rVB	4019451	5041569	88.63%	9.459%
44	20.168	2919	2921	2927	rVB	715688	1014824	17.84%	1.904%
45	20.274	2936	2939	2942	rBV	437945	567152	9.97%	1.064%
46	21.433	3133	3136	3142	rVV2	810158	1754679	30.85%	3.292%
47	21.480	3142	3144	3154	rVB	1024220	1493580	26.26%	2.802%
48	22.268	3274	3278	3282	rVB	1001523	1311114	23.05%	2.460%
49	23.091	3414	3418	3432	rVB	717054	2153470	37.86%	4.041%
50	23.609	3503	3506	3518	rVB	356309	747931	13.15%	1.403%
51	23.715	3521	3524	3530	rVB2	288918	482123	8.48%	0.905%

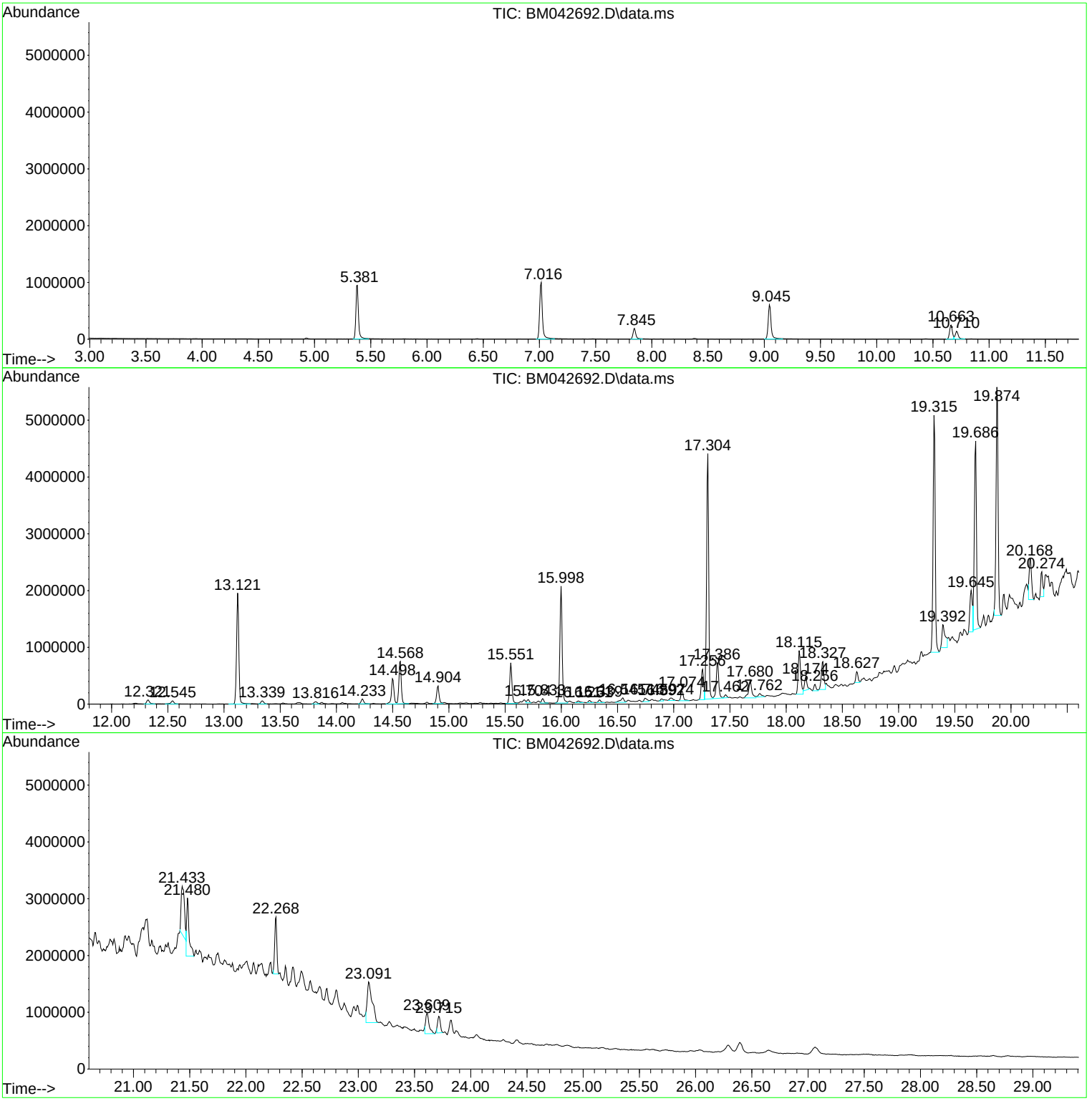
Sum of corrected areas: 53296538

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111023\
Data File : BM042692.D
Acq On : 10 Nov 2023 15:34
Operator : MA/JU
Sample : 05317-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
RB-21148

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM103023.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\BM111023\
Data File : BM042692.D
Acq On : 10 Nov 2023 15:34
Operator : MA/JU
Sample : 05317-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
RB-21148

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM103023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

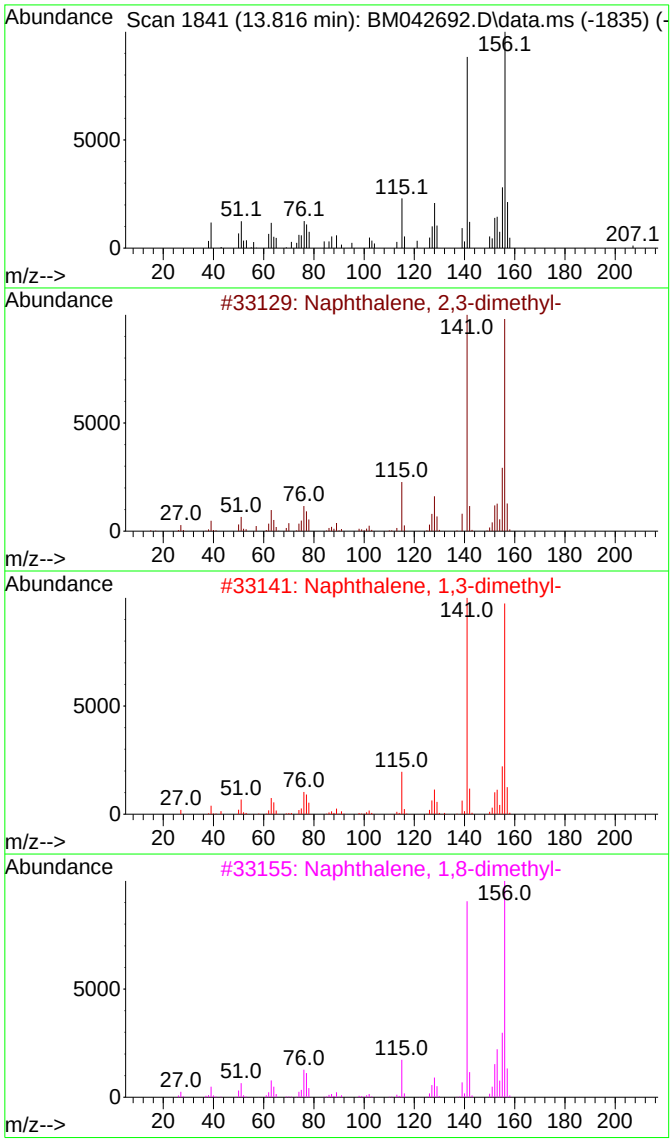
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

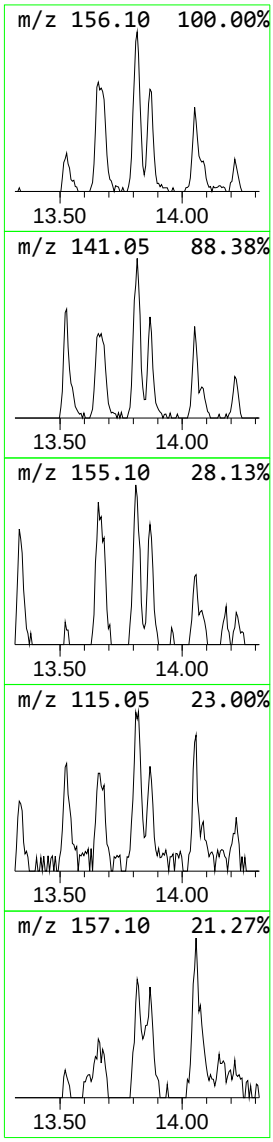
****

Peak Number 1 Naphthalene, 2,3-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.816	2.15 ng	74366	Acenaphthene-d10	14.498

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
3	Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	95
4	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	95
5	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111023\
Data File : BM042692.D
Acq On : 10 Nov 2023 15:34
Operator : MA/JU
Sample : 05317-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
RB-21148

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM103023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

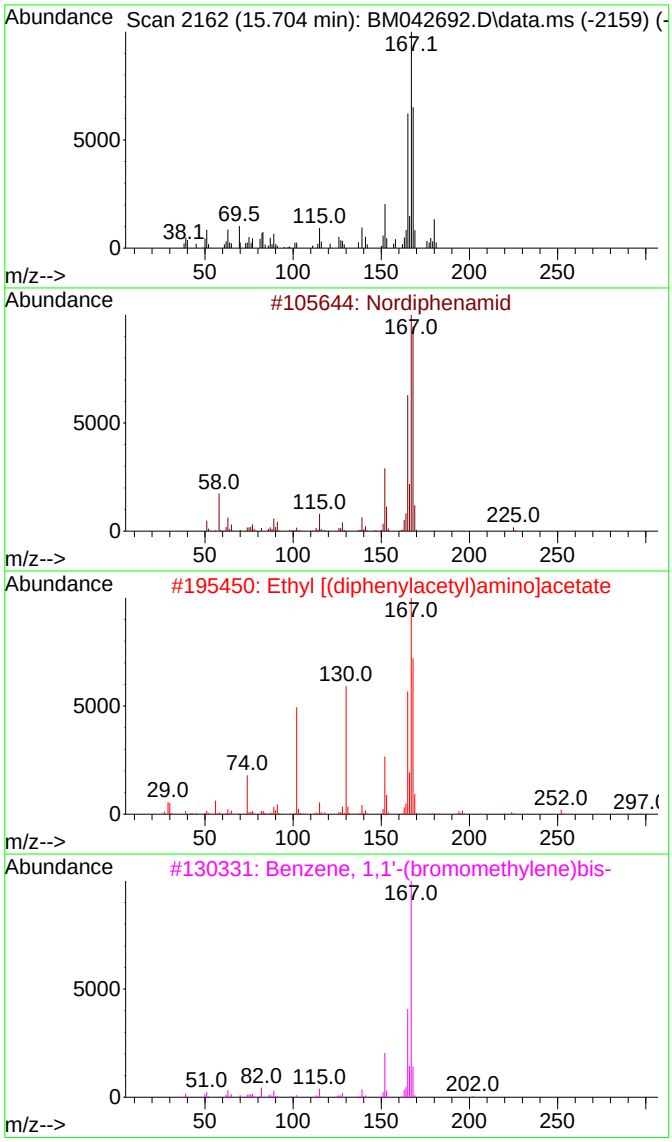
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

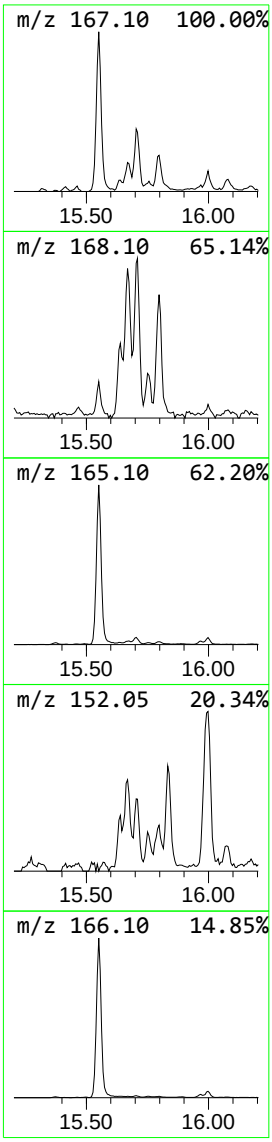
****

Peak Number 2 Nordiphenamid Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.704	2.29 ng	79220	Acenaphthene-d10	14.498

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nordiphenamid	225	C15H15NO	000954-21-2	86
2	Ethyl [(diphenylacetyl)amino]ace...	297	C18H19NO3	006325-31-1	72
3	Benzene, 1,1'-(bromomethylene)bis-	246	C13H11Br	000776-74-9	59
4	Benzhydryl isothiocyanate	225	C14H11NS	003550-21-8	50
5	Benzene, 1,1'-(chloromethylene)bis-	202	C13H11Cl	000090-99-3	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111023\
Data File : BM042692.D
Acq On : 10 Nov 2023 15:34
Operator : MA/JU
Sample : 05317-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
RB-21148

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM103023.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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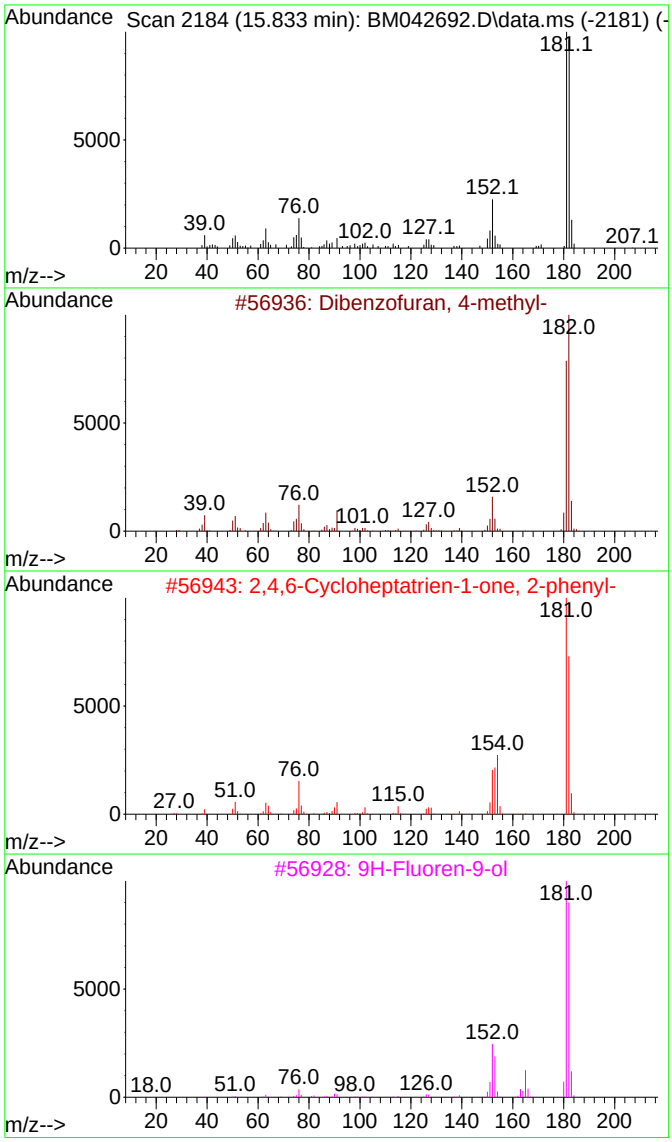
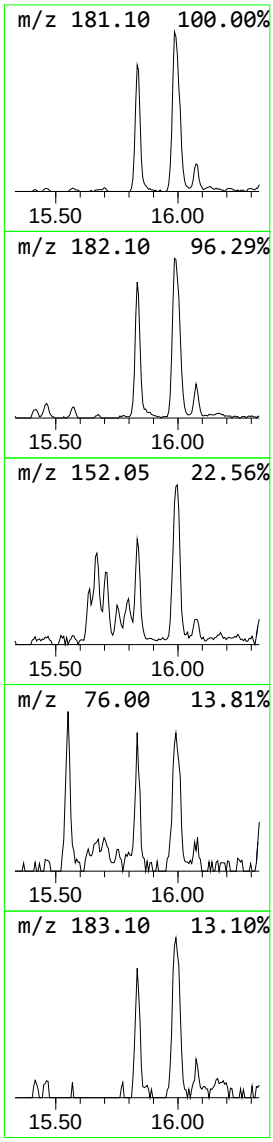
Peak Number 3 Dibenzofuran, 4-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.833	3.05 ng	105409	Acenaphthene-d10	14.498

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	94
2	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	91
3	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	86
4	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	80
5	8-Methyl-5H-pyrido[4,3-b]indole	182	C12H10N2	088894-13-7	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111023\
Data File : BM042692.D
Acq On : 10 Nov 2023 15:34
Operator : MA/JU
Sample : 05317-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
RB-21148

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM103023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

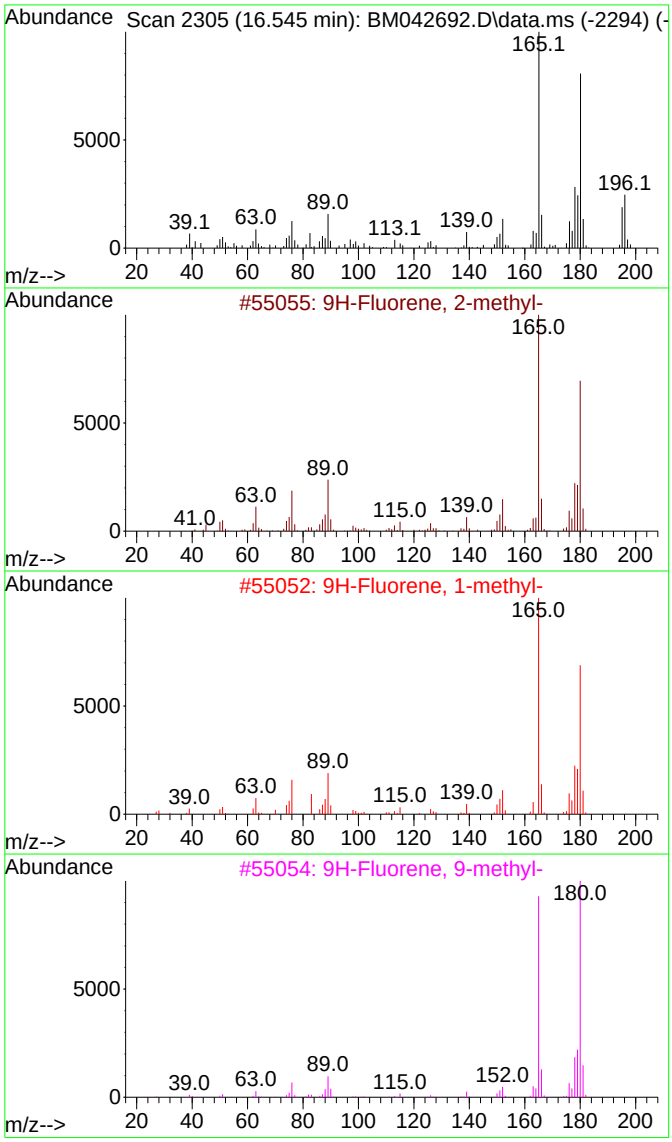
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

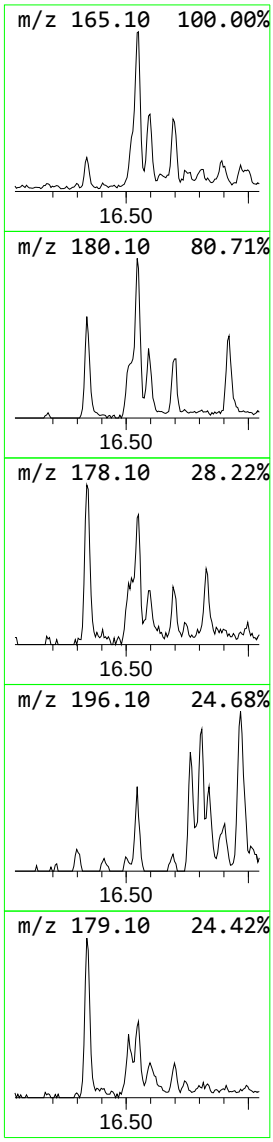
****

Peak Number 4 9H-Fluorene, 2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.545	4.47 ng	179818	Phenanthrene-d10	17.256

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	96
2	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	95
3	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	93
4	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	89
5	9H-Fluorene, 4-methyl-	180	C14H12	001556-99-6	89





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111023\
Data File : BM042692.D
Acq On : 10 Nov 2023 15:34
Operator : MA/JU
Sample : 05317-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
RB-21148

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM103023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

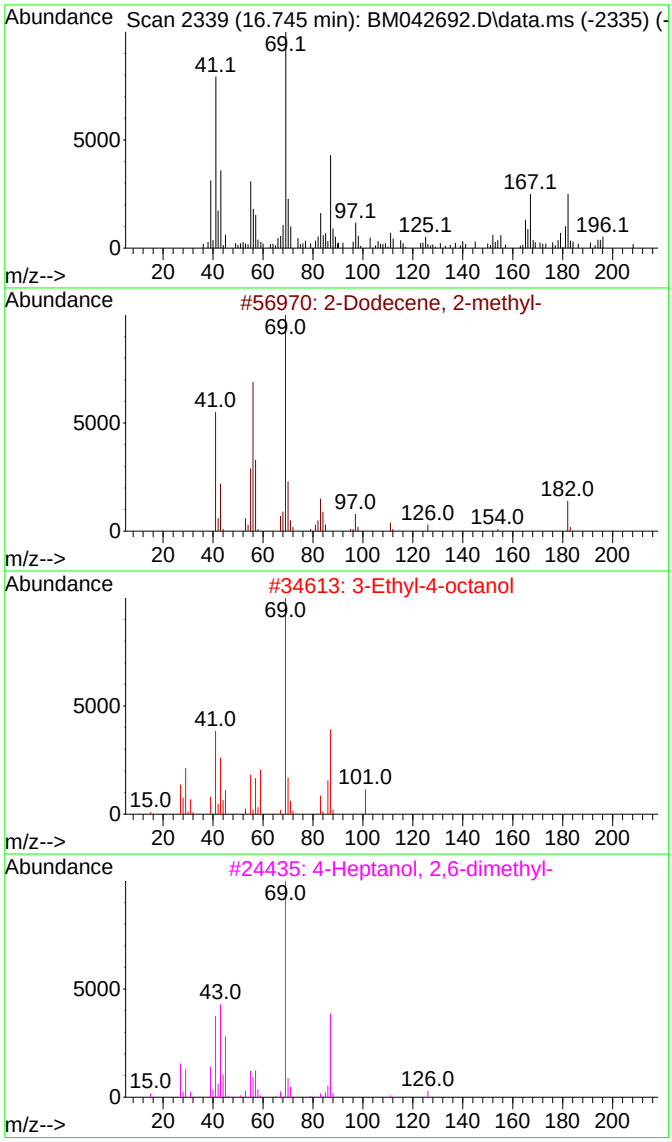
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

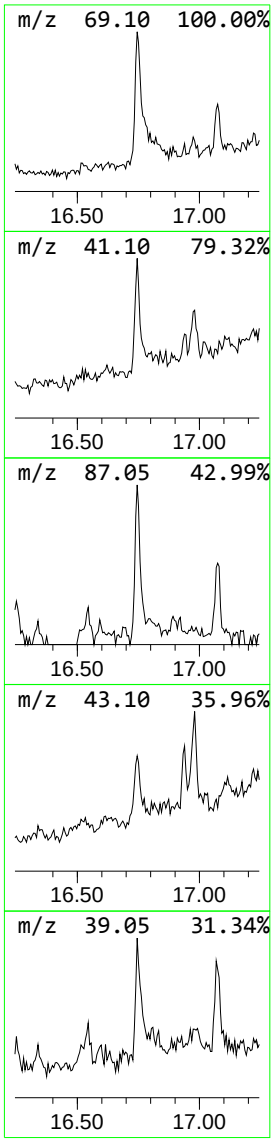
****

Peak Number 5 2-Dodecene, 2-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.745	3.02 ng	121324	Phenanthrene-d10	17.256

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Dodecene, 2-methyl-	182	C13H26	055103-82-7	64
2	3-Ethyl-4-octanol	158	C10H22O	063126-48-7	43
3	4-Heptanol, 2,6-dimethyl-	144	C9H20O	000108-82-7	43
4	5,6-Decanediol	174	C10H22O2	054884-84-3	43
5	1-Octen-4-ol	128	C8H16O	040575-42-6	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111023\
Data File : BM042692.D
Acq On : 10 Nov 2023 15:34
Operator : MA/JU
Sample : 05317-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
RB-21148

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM103023.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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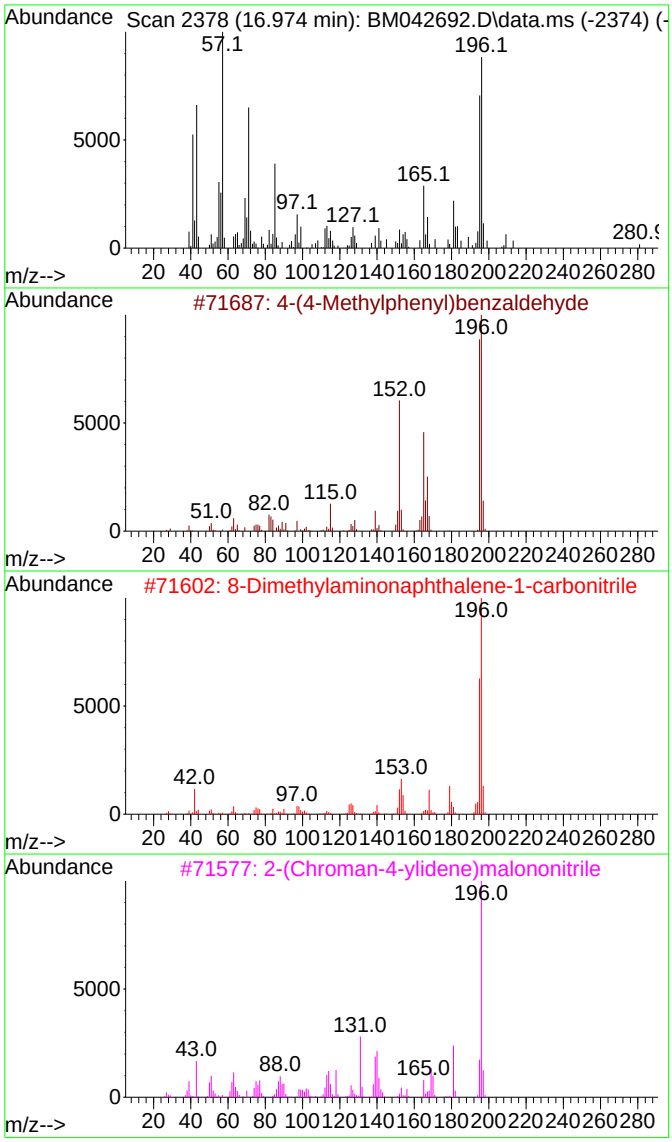
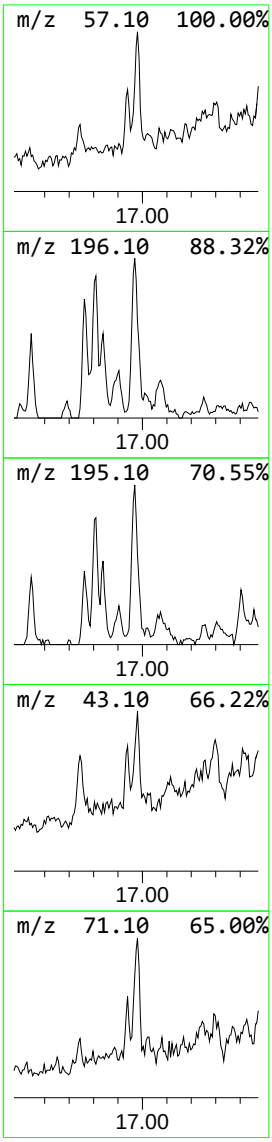
Peak Number 6 unknown16.974 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.974	2.33 ng	93599	Phenanthrene-d10	17.256

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-(4-Methylphenyl)benzaldehyde	196	C14H12O	036393-42-7	45
2	8-Dimethylaminonaphthalene-1-car...	196	C13H12N2	128644-69-9	43
3	2-(Chroman-4-ylidene)malononitrile	196	C12H8N2O	1000443-01-1	38
4	9-Oxa-10-boranthracen-10-ol, 9,1...	196	C12H9BO2	019014-28-9	30
5	2-(2-Pyridinyl)-1H-imidazo[4,5-c...	196	C11H8N4	014060-62-9	25





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111023\
Data File : BM042692.D
Acq On : 10 Nov 2023 15:34
Operator : MA/JU
Sample : 05317-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
RB-21148

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM103023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

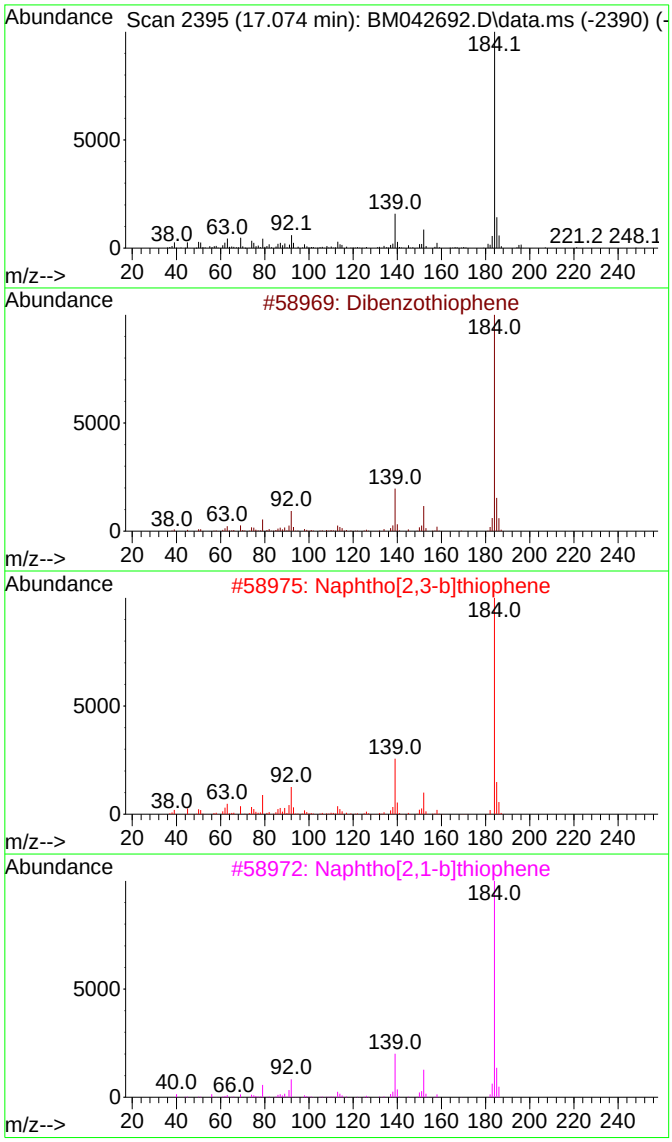
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

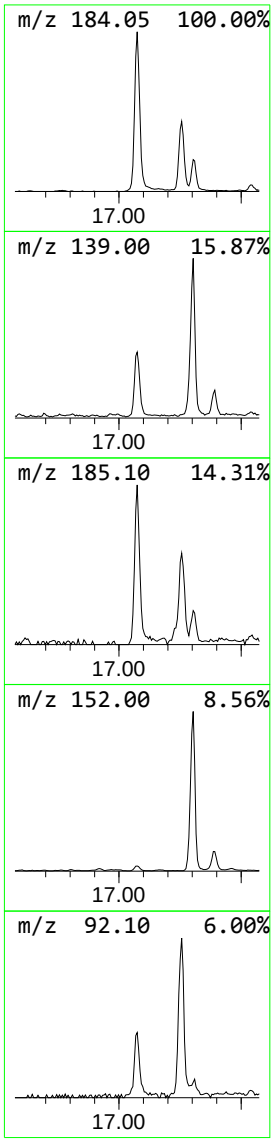
****

Peak Number 7 Dibenzothiophene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.074	6.68 ng	268735	Phenanthrene-d10	17.256

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	97
2	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	94
3	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	94
4	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	93
5	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	91





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Data File : BM042692.D
Acq On : 10 Nov 2023 15:34
Operator : MA/JU
Sample : 05317-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
RB-21148

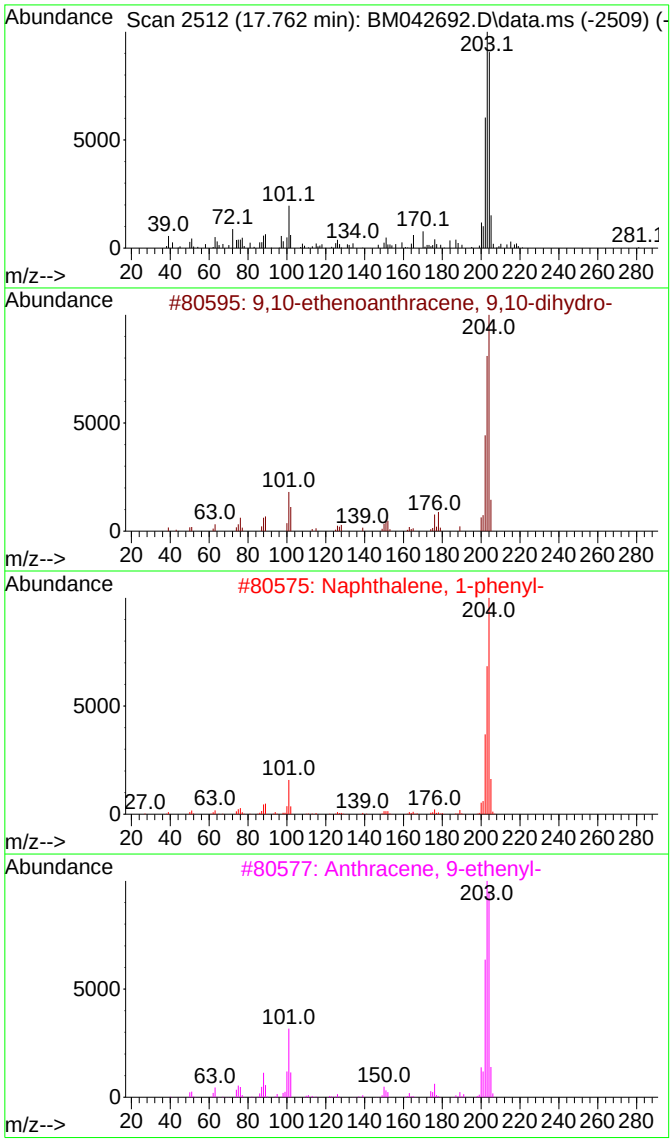
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM103023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

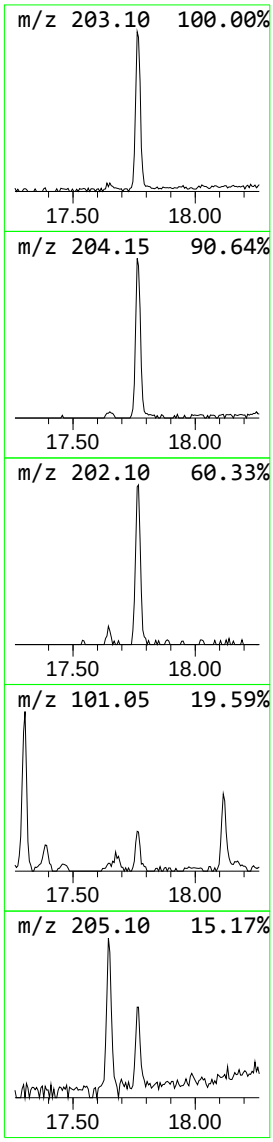
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 9,10-ethenoanthracene, 9,10... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.762	2.83 ng	113964	Phenanthrene-d10	17.256

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-ethenoanthracene, 9,10-dihy...	204	C16H12	1000400-47-8	90
2	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	90
3	Anthracene, 9-ethenyl-	204	C16H12	002444-68-0	89
4	1H-Indene, 1-(phenylmethylene)-	204	C16H12	005394-86-5	76
5	1,4-Ethenoanthracene, 1,4-dihydro-	204	C16H12	027765-96-4	76





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Acq On : 10 Nov 2023 15:34
Operator : MA/JU
Sample : 05317-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
RB-21148

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM103023.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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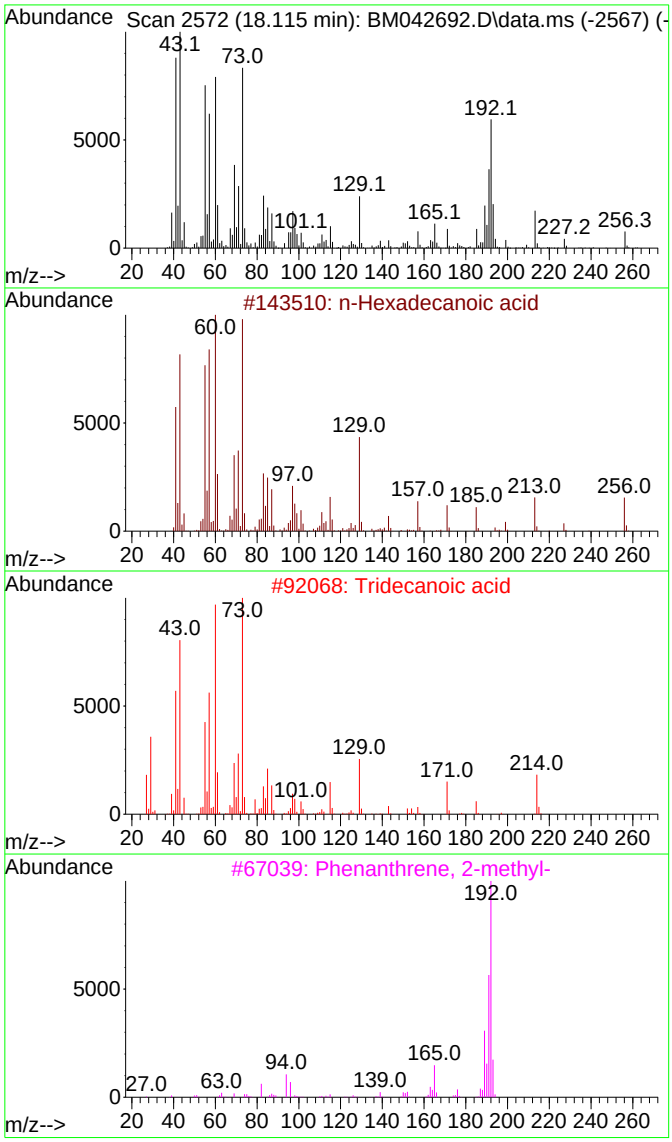
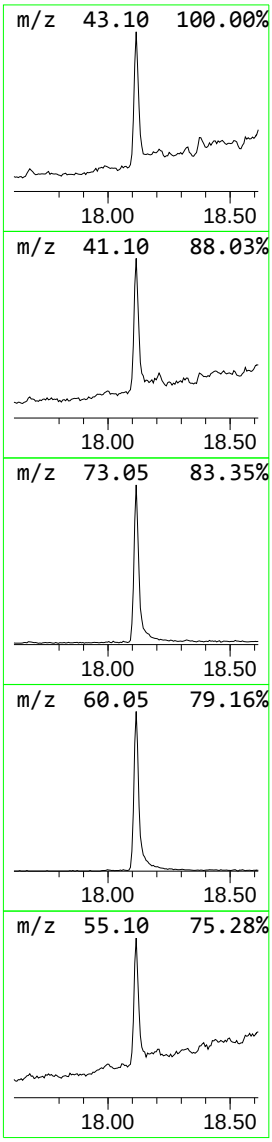
Peak Number 9 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.115	29.71 ng	1195020	Phenanthrene-d10	17.256

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2	Tridecanoic acid	214	C13H26O2	000638-53-9	64
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	59
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	56
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	56





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Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
RB-21148

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

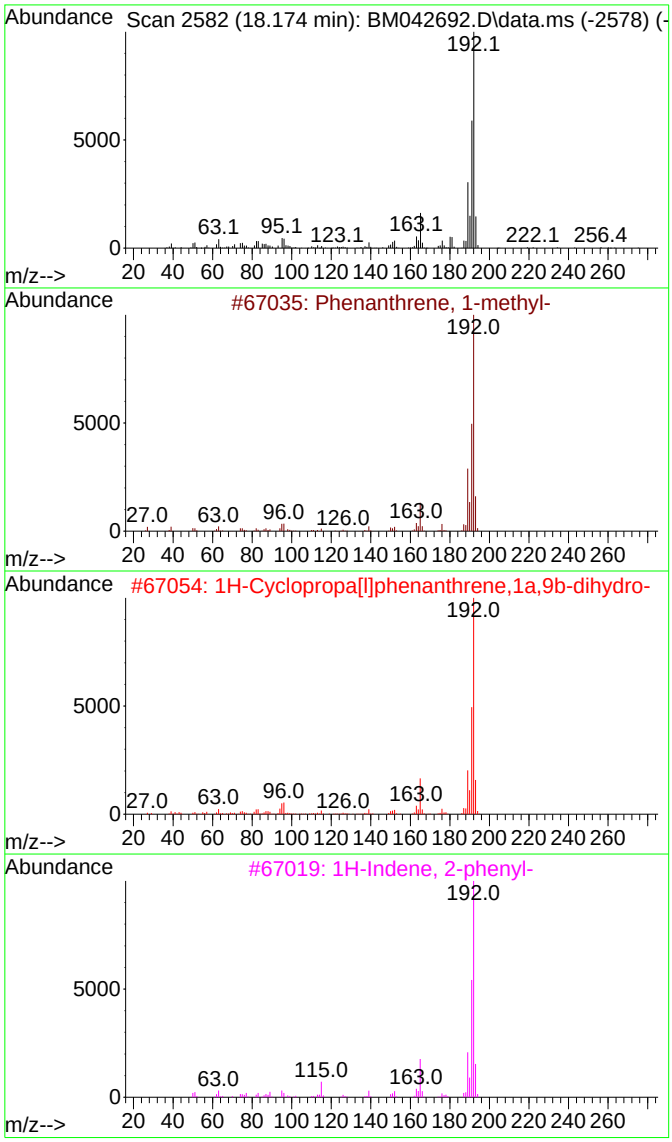
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

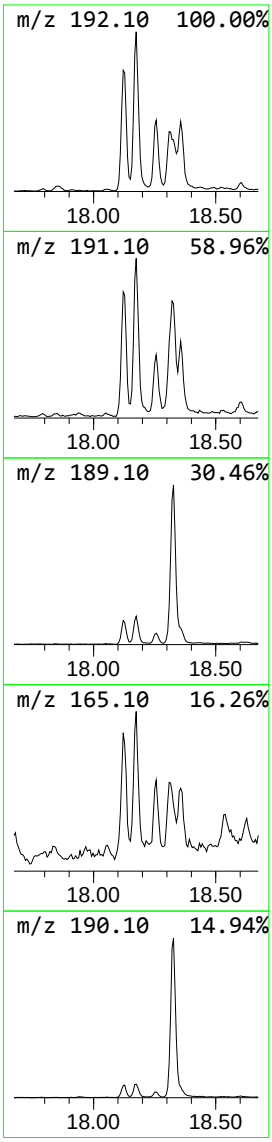
****

Peak Number 10 Phenanthrene, 1-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.174	8.56 ng	344196	Phenanthrene-d10	17.256

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
2	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
3	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	96
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	95
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93





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Misc :
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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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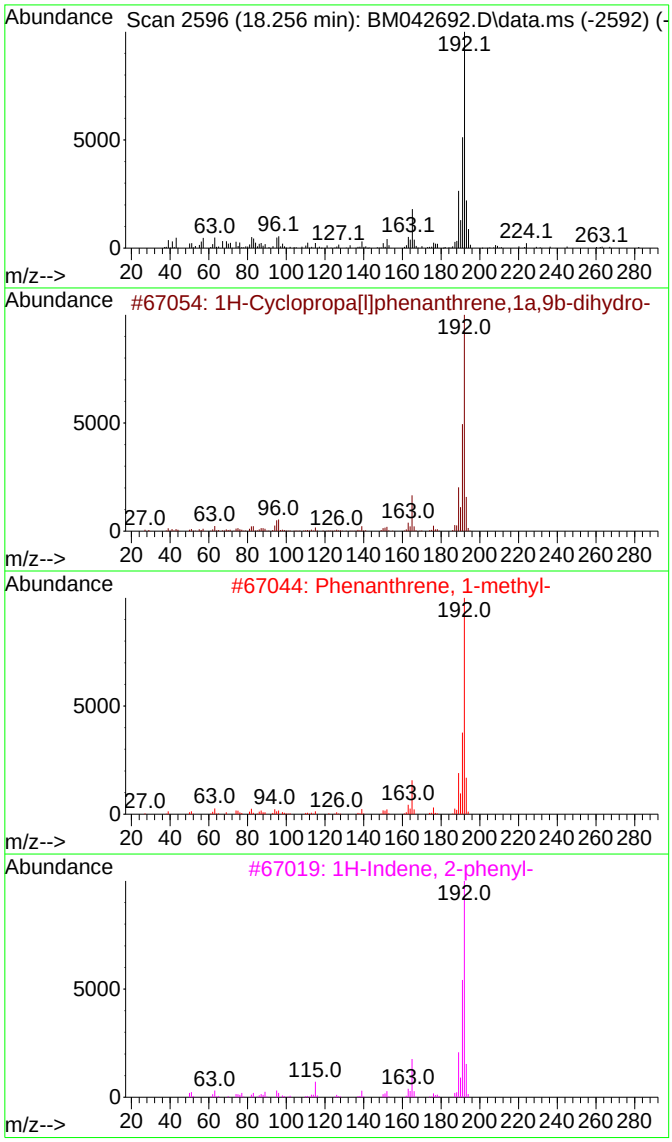
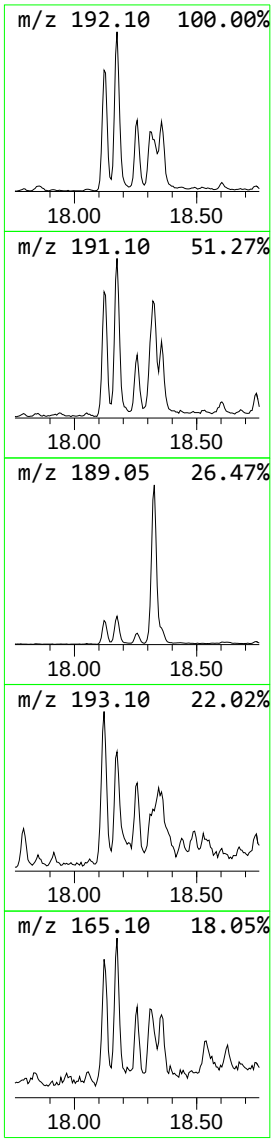
Peak Number 11 1H-Cyclopropa[l]phenanthren... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.256	3.97 ng	159641	Phenanthrene-d10	17.256

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
3	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	93
4	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	91
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	87





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Acq On : 10 Nov 2023 15:34
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Sample : 05317-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
RB-21148

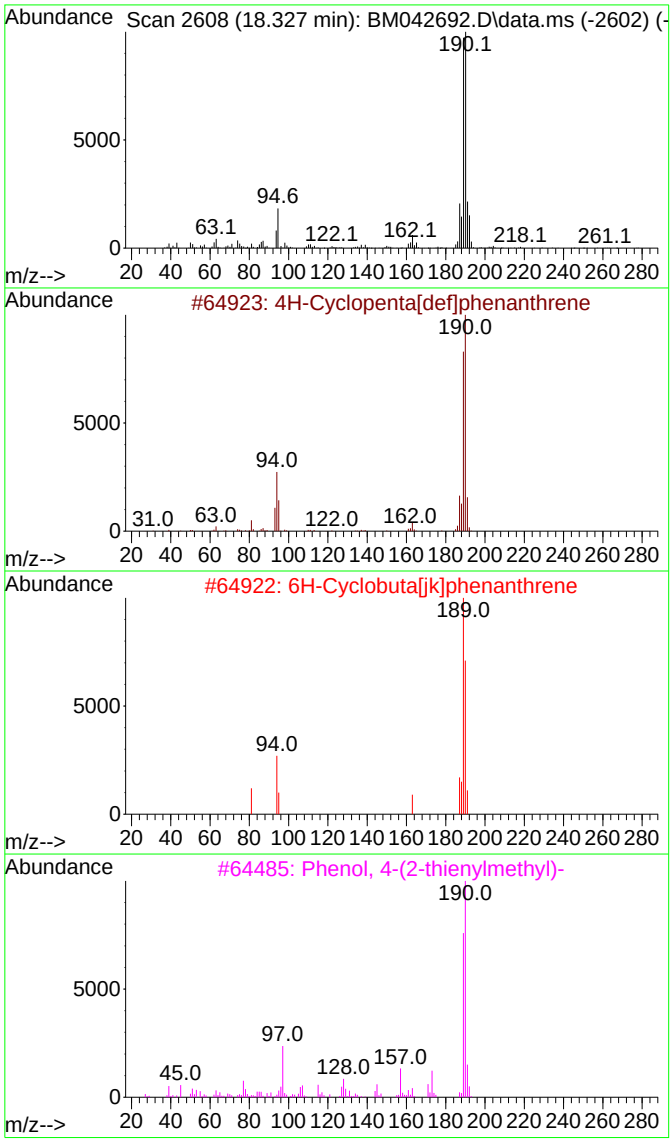
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM103023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

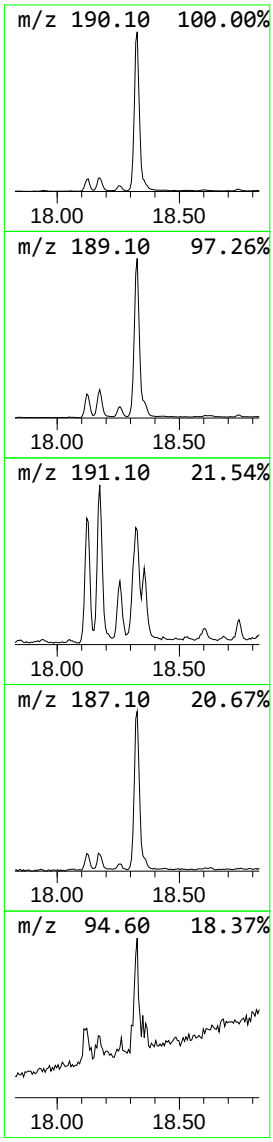
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 4H-Cyclopenta[def]phenanthrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.327	19.84 ng	797957	Phenanthrene-d10	17.256

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	95
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	72
3	Phenol, 4-(2-thienylmethyl)-	190	C11H10OS	091680-55-6	59
4	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	45
5	Methyl diselenide	190	C2H6Se2	007101-31-7	27





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Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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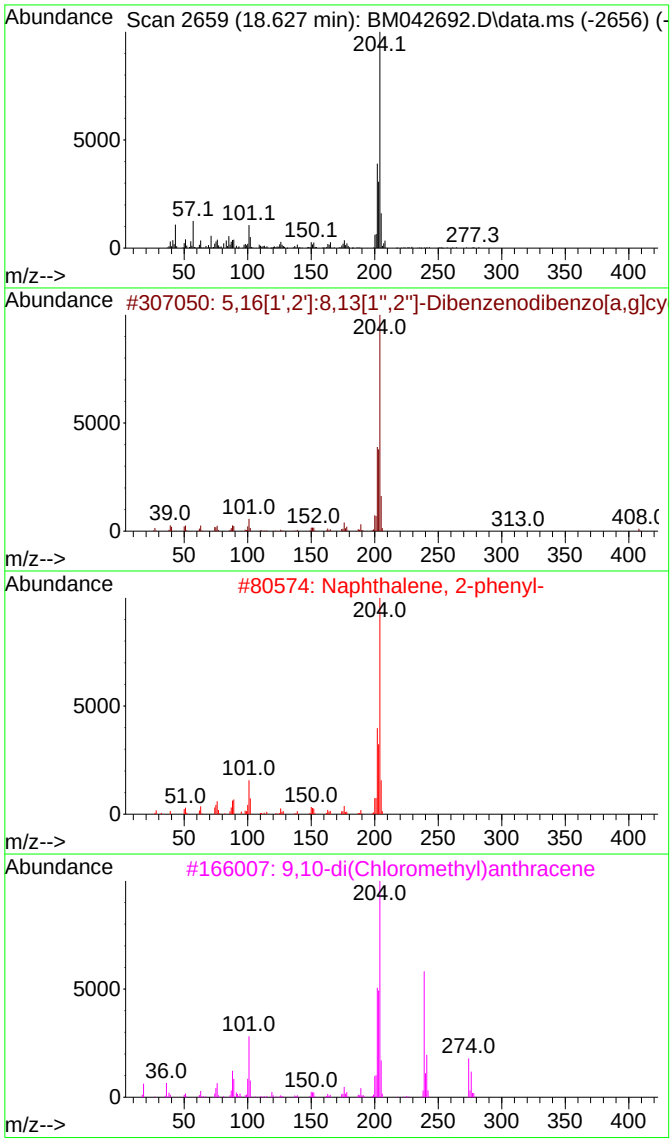
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM103023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

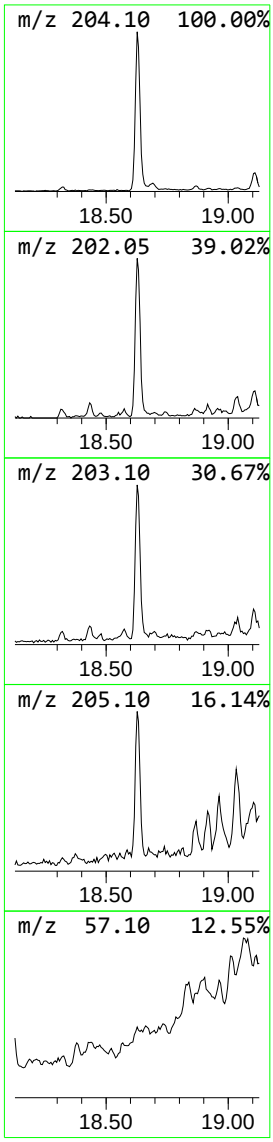
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 5,16[1',2']:8,13[1'',2'']-D... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.627	6.50 ng	261487	Phenanthrene-d10	17.256

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	91
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	86
3	9,10-di(Chloromethyl)anthracene	274	C16H12Cl2	010387-13-0	59
4	6-Cyanophenanthridine	204	C14H8N2	002176-28-5	49
5	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	49





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Sample : 05317-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM103023.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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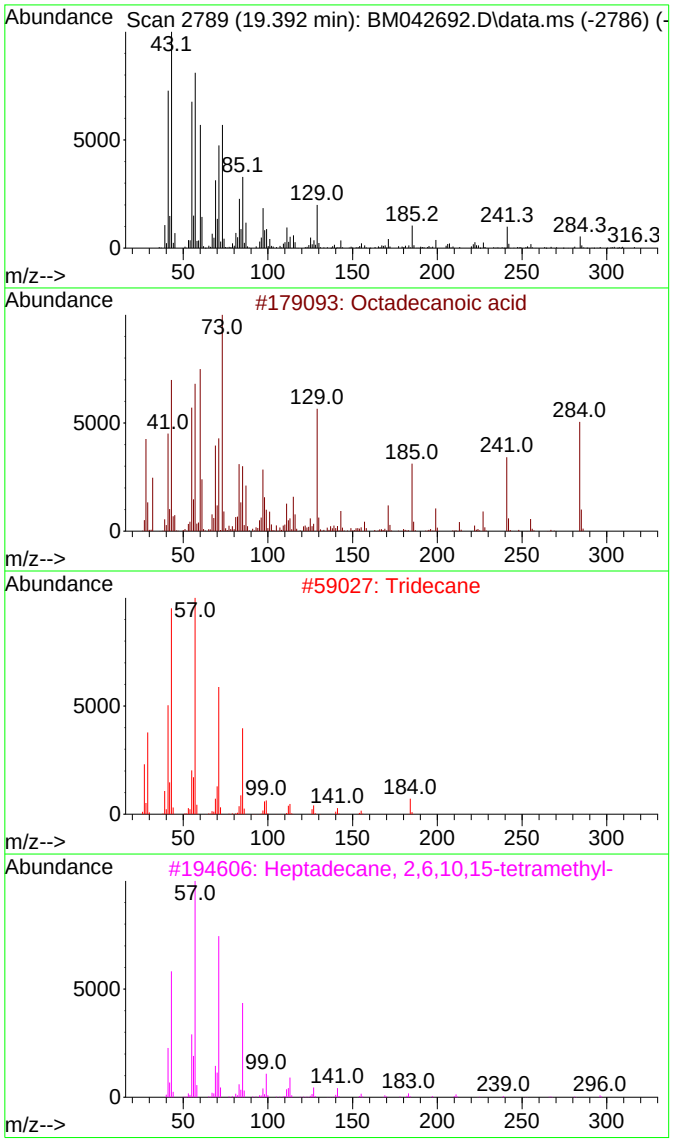
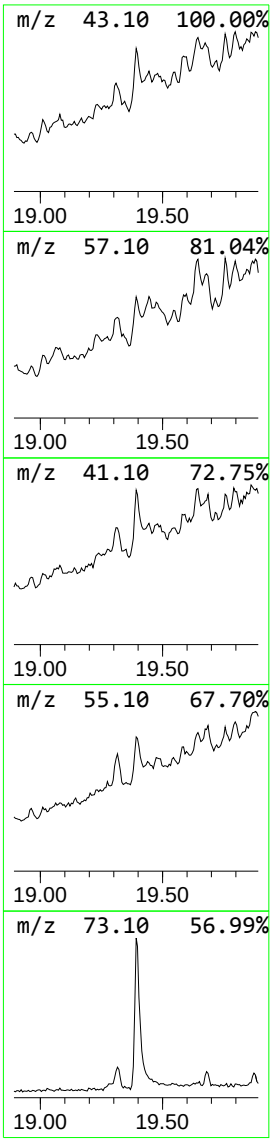
Peak Number 14 Octadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.392	9.43 ng	827029	Chrysene-d12	21.444

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	98
2	Tridecane	184	C13H28	000629-50-5	74
3	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	70
4	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	70
5	Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	46





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Operator : MA/JU
Sample : 05317-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
RB-21148

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM103023.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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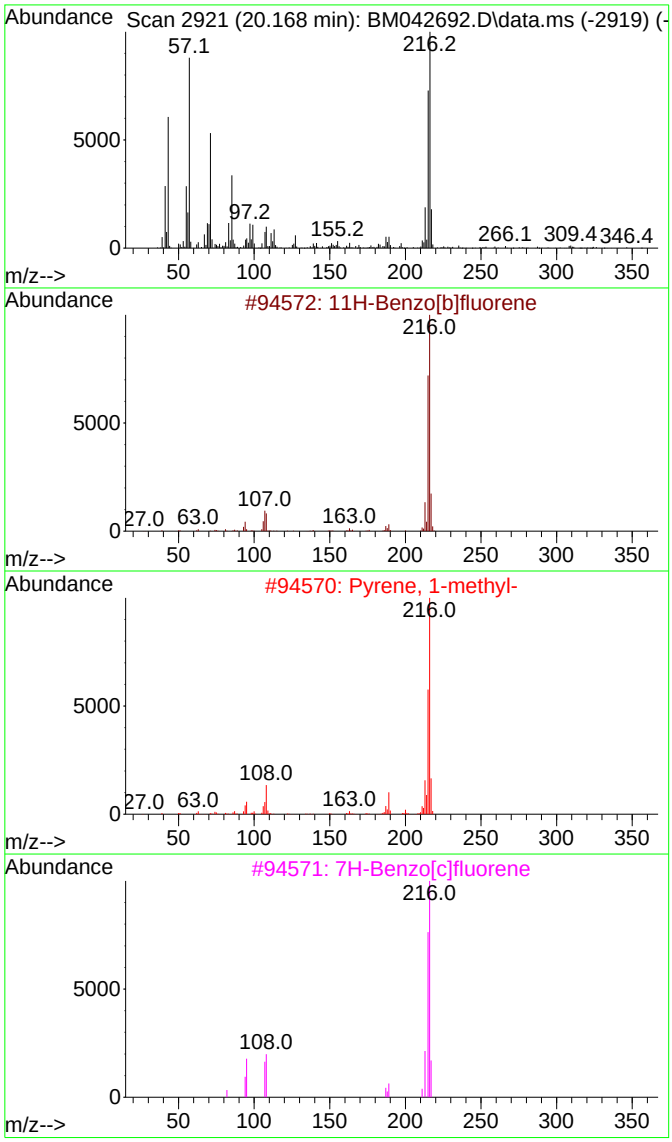
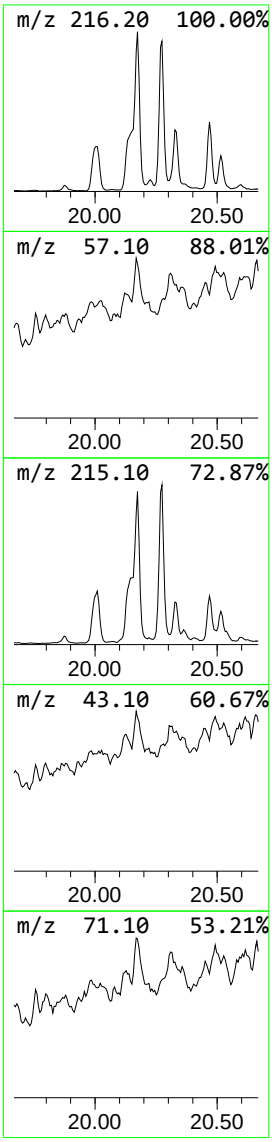
Peak Number 15 11H-Benzo[b]fluorene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.168	11.57 ng	1014820	Chrysene-d12	21.444

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	92
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	78
3	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	70
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	60
5	Pyrene, 4-methyl-	216	C17H12	003353-12-6	55





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Sample : 05317-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
RB-21148

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM103023.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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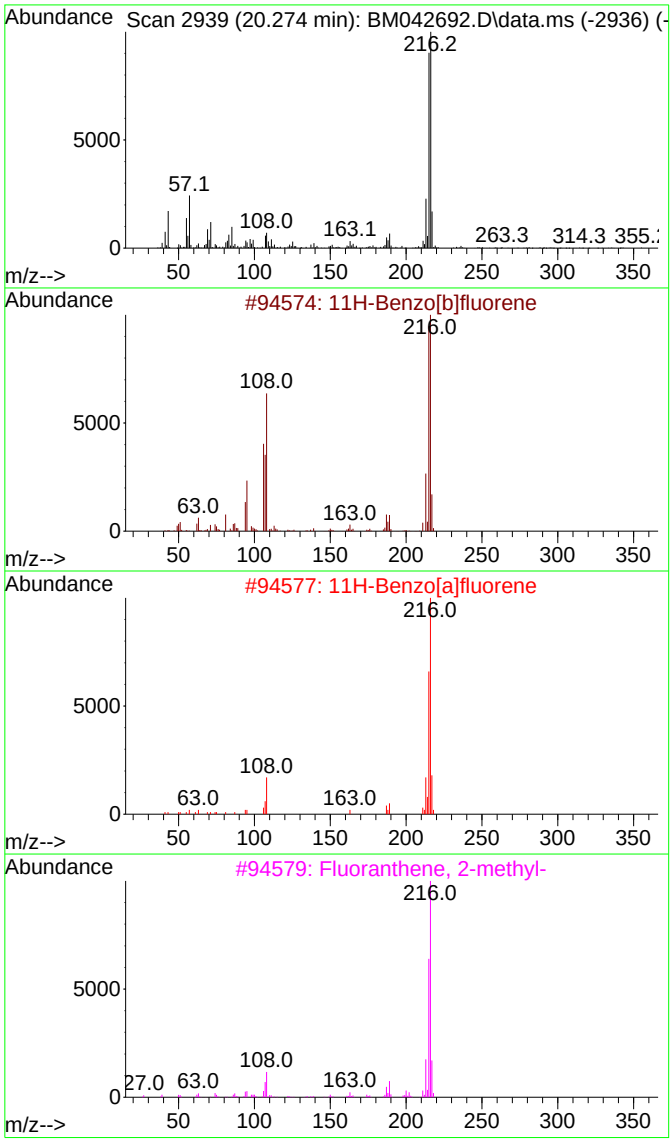
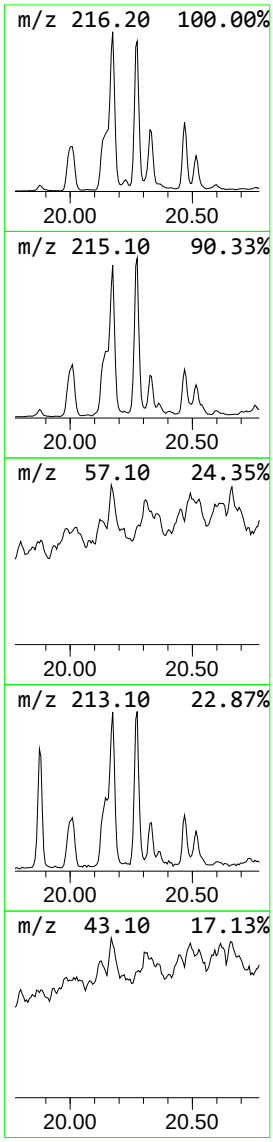
Peak Number 16 11H-Benzo[a]fluorene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.274	6.46 ng	567152	Chrysene-d12	21.444

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	80
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	78
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	74





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Sample : 05317-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
RB-21148

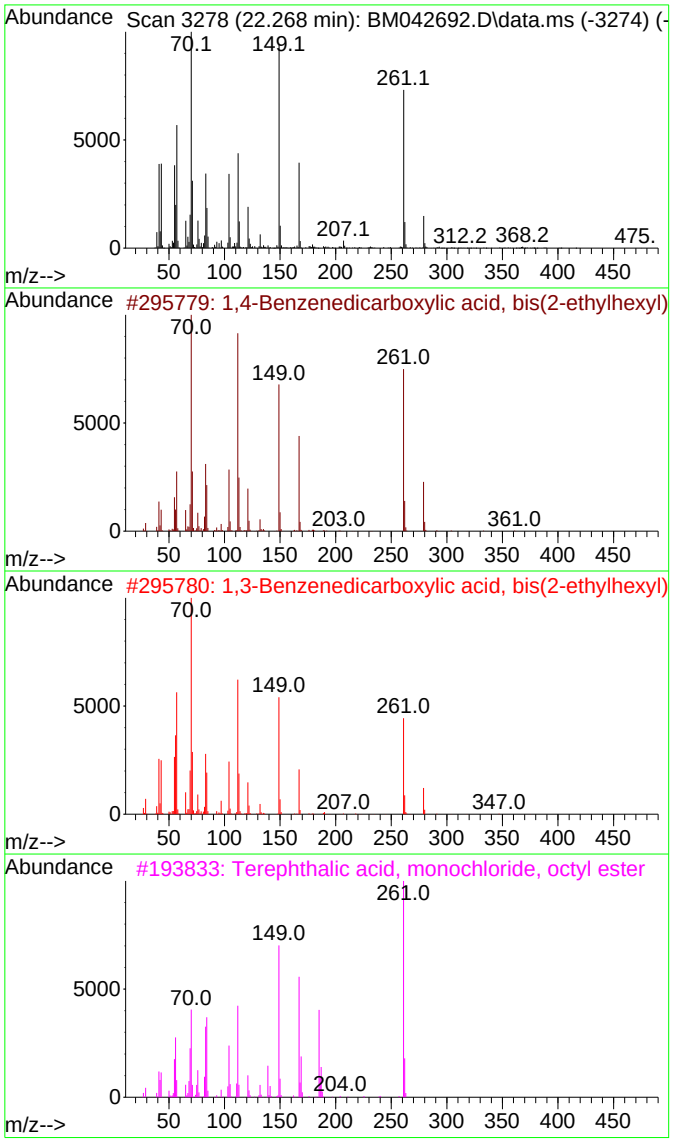
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM103023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

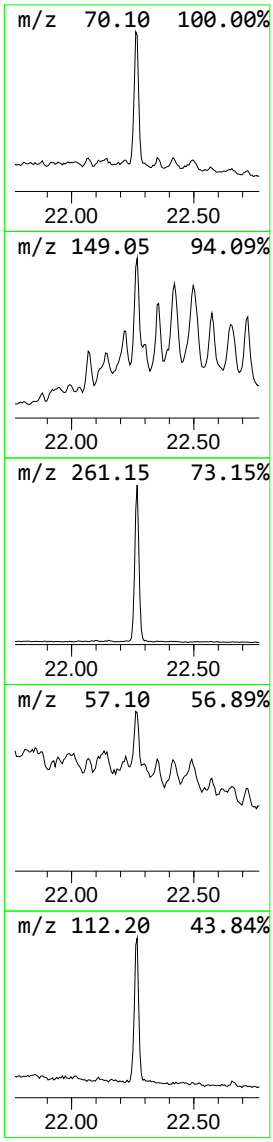
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 1,4-Benzenedicarboxylic aci... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.268	14.94 ng	1311110	Chrysene-d12	21.444

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4-Benzenedicarboxylic acid, bi...	390	C24H38O4	006422-86-2	58
2	1,3-Benzenedicarboxylic acid, bi...	390	C24H38O4	000137-89-3	53
3	Terephthalic acid, monochloride,...	296	C16H21ClO3	1000324-22-9	38
4	Isophthalic acid, octyl 3-pentyl...	348	C21H32O4	1000344-00-4	38
5	2-(Heptyloxycarbonyl)benzoic acid	264	C15H20O4	024539-58-0	27





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Operator : MA/JU
Sample : 05317-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
RB-21148

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM103023.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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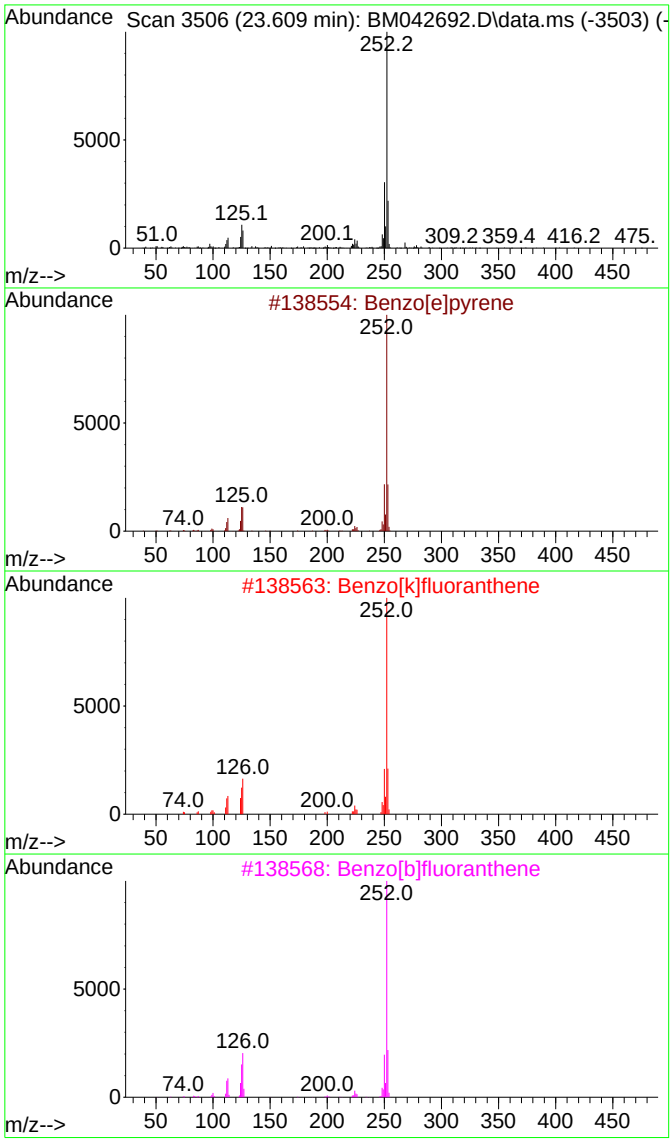
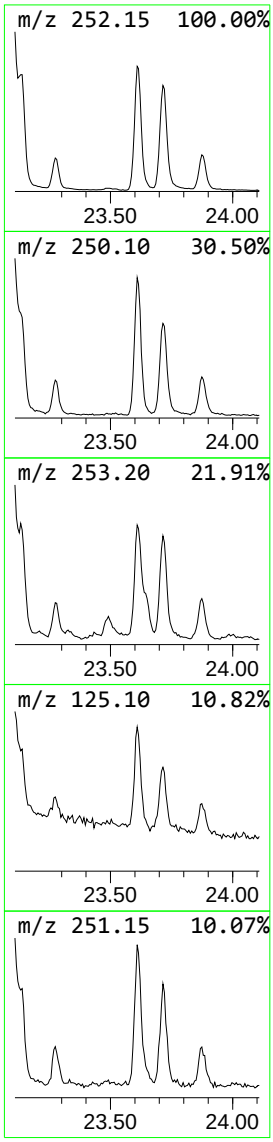
Peak Number 18 Benzo[e]pyrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.609	31.03 ng	747931	Perylene-d12	23.821

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	96
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	95
3	Benzo[b]fluoranthene	252	C20H12	000205-99-2	93
4	Benzo[a]pyrene	252	C20H12	000050-32-8	93
5	Perylene	252	C20H12	000198-55-0	90





Tentatively Identified Compound (LSC) summary

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Data File : BM042692.D
Acq On : 10 Nov 2023 15:34
Operator : MA/JU
Sample : 05317-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
RB-21148

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM103023.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
Naphthalene, 2,...	13.816	2.1	ng	74366	3	14.498	690729	20.0
Nordiphenamid	15.704	2.3	ng	79220	3	14.498	690729	20.0
Dibenzofuran, 4...	15.833	3.0	ng	105409	3	14.498	690729	20.0
9H-Fluorene, 2-...	16.545	4.5	ng	179818	4	17.256	804336	20.0
2-Dodecene, 2-m...	16.745	3.0	ng	121324	4	17.256	804336	20.0
unknown16.974	16.974	2.3	ng	93599	4	17.256	804336	20.0
Dibenzothiophene	17.074	6.7	ng	268735	4	17.256	804336	20.0
9,10-ethenoanth...	17.762	2.8	ng	113964	4	17.256	804336	20.0
n-Hexadecanoic ...	18.115	29.7	ng	1195020	4	17.256	804336	20.0
Phenanthrene, 1...	18.174	8.6	ng	344196	4	17.256	804336	20.0
1H-Cyclopropa[1...	18.256	4.0	ng	159641	4	17.256	804336	20.0
4H-Cyclopenta[d...	18.327	19.8	ng	797957	4	17.256	804336	20.0
5,16[1',2']:8,1...	18.627	6.5	ng	261487	4	17.256	804336	20.0
Octadecanoic acid	19.392	9.4	ng	827029	5	21.444	1754680	20.0
11H-Benzo[b]flu...	20.168	11.6	ng	1014820	5	21.444	1754680	20.0
11H-Benzo[a]flu...	20.274	6.5	ng	567152	5	21.444	1754680	20.0
1,4-Benzenedica...	22.268	14.9	ng	1311110	5	21.444	1754680	20.0
Benzo[e]pyrene	23.609	31.0	ng	747931	6	23.821	482123	20.0