LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060221\
Data File : BP005668.D
Acq On : 02 Jun 2021 16:40
Operator : CG/JU
Sample : M2580-16
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 18-B6(0-6)

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_P\Methods\8270E-BP052721.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP005668.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.111	3	4	10	rVB	1504302	1408465	12.80%	1.075%
2	3.158	10	12	21	rVB	152304	172713	1.57%	0.132%
3	5.081	332	339	347	rBV2	134511	203847	1.85%	0.156%
4	5.546	412	418	427	rBV	3745227	5471683	49.74%	4.176%
5	7.152	681	691	706	rBV	3618609	5798477	52.71%	4.426%
6	7.987	827	833	842	rBV	1127227	1751114	15.92%	1.337%
7	9.152	1023	1031	1039	rBV	2236778	3715179	33.78%	2.836%
8	10.575	1266	1273	1279	rBV	87779	153016	1.39%	0.117%
9	10.793	1303	1310	1316	rBV	1306551	2266498	20.61%	1.730%
10	10.846	1316	1319	1334	rVB	165100	259663	2.36%	0.198%
11	12.446	1586	1591	1597	rVB	84864	141561	1.29%	0.108%
12	12.663	1623	1628	1635	rBV	74279	120523	1.10%	0.092%
13	13.240	1718	1726	1742	rBV	5996762	8821158	80.19%	6.733%
14	13.934	1837	1844	1850	rBV2	93475	206674	1.88%	0.158%
15	14.063	1860	1866	1871	rBV	504373	699466	6.36%	0.534%
16	14.334	1906	1912	1919	rBV	172923	283764	2.58%	0.217%
17	14.610	1950	1959	1965	rBV	1746826	2697803	24.53%	2.059%
18	14.675	1965	1970	1977	rVB	306523	487656	4.43%	0.372%
19	15.004	2021	2026	2033	rBV	194334	294904	2.68%	0.225%
20	15.169	2049	2054	2059	rBV2	84622	196001	1.78%	0.150%
21	15.651	2131	2136	2147	rVB	313522	472001	4.29%	0.360%
22	15.945	2182	2186	2195	rVB3	92744	192323	1.75%	0.147%
23	16.040	2198	2202	2205	rBV	96954	145483	1.32%	0.111%
24	16.093	2205	2211	2220	rVV	4688527	6745699	61.33%	5.149%
25	16.340	2246	2253	2258	rVB	355478	562611	5.11%	0.429%
26	16.434	2264	2269	2273	rBV	801361	1038136	9.44%	0.792%
27	16.492	2274	2279	2285	rVV2	505244	1020794	9.28%	0.779%
28	16.551	2285	2289	2293	rVV2	597899	781264	7.10%	0.596%
29	16.598	2293	2297	2301	rVB	337585	410871	3.74%	0.314%
30	16.669	2302	2309	2312	rVV	251528	506040	4.60%	0.386%
31	16.698	2312	2314	2318	rVB2	258997	297811	2.71%	0.227%
32	16.751	2318	2323	2330	rVB3	600797	1061838	9.65%	0.810%
33	16.816	2330	2334	2338	rBV	656873	914973	8.32%	0.698%
34	16.892	2343	2347	2351	rVB2	379940	497353	4.52%	0.380%
35	17.004	2363	2366	2374	rVB3	121820	210099	1.91%	0.160%
36	17.169	2391	2394	2402	rVB	180967	287538	2.61%	0.219%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060221\
Data File : BP005668.D
Acq On : 02 Jun 2021 16:40
Operator : CG/JU
Sample : M2580-16
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 18-B6(0-6)

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_P\Methods\8270E-BP052721.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	17.351	2420	2425	2429	rBV	1966551	2960286	26.91%	2.259%
38	17.392	2429	2432	2439	rVV	3294393	4683213	42.58%	3.575%
39	17.487	2443	2448	2453	rVV	858122	1219659	11.09%	0.931%
40	17.545	2454	2458	2463	rVB2	97854	160610	1.46%	0.123%
41	17.751	2489	2493	2498	rVB	322786	418674	3.81%	0.320%
42	18.228	2568	2574	2577	rBV2	632277	1276228	11.60%	0.974%
43	18.263	2577	2580	2584	rVB	626645	811056	7.37%	0.619%
44	18.339	2589	2593	2598	rVB	254180	329246	2.99%	0.251%
45	18.404	2598	2604	2607	rBV3	783577	1313385	11.94%	1.002%
46	18.692	2650	2653	2656	rBV	339327	399781	3.63%	0.305%
47	18.734	2657	2660	2667	rVB	301346	411693	3.74%	0.314%
48	19.098	2718	2722	2728	rBV2	268172	512332	4.66%	0.391%
49	19.234	2742	2745	2748	rBV	227657	280019	2.55%	0.214%
50	19.351	2760	2765	2770	rBV	6695413	8776787	79.79%	6.699%
51	19.451	2779	2782	2785	rVB2	252406	270881	2.46%	0.207%
52	19.675	2815	2820	2821	rBV	1140205	1484196	13.49%	1.133%
53	19.704	2821	2825	2832	rVB	6429859	8751761	79.56%	6.680%
54	19.898	2852	2858	2862	rBV	8875350	10999738	100.00%	8.396%
55	20.010	2874	2877	2878	rBV	299136	348860	3.17%	0.266%
56	20.181	2903	2906	2911	rVB2	882825	1267875	11.53%	0.968%
57	20.281	2920	2923	2926	rVB	497185	533685	4.85%	0.407%
58	21.410	3110	3115	3120	rBV2	4928717	9811972	89.20%	7.489%
59	21.457	3120	3123	3134	rVB	3317999	5041607	45.83%	3.848%
60	23.122	3401	3406	3411	rBV	2719210	6194698	56.32%	4.728%
61	23.657	3492	3497	3506	rVB	1889197	4151299	37.74%	3.169%
62	23.763	3509	3515	3522	rVB	2742147	5288106	48.07%	4.036%
63	23.863	3528	3532	3539	rVB2	1530730	3024518	27.50%	2.308%

Sum of corrected areas: 131017164

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060221\
Data File : BP005668.D
Acq On : 02 Jun 2021 16:40
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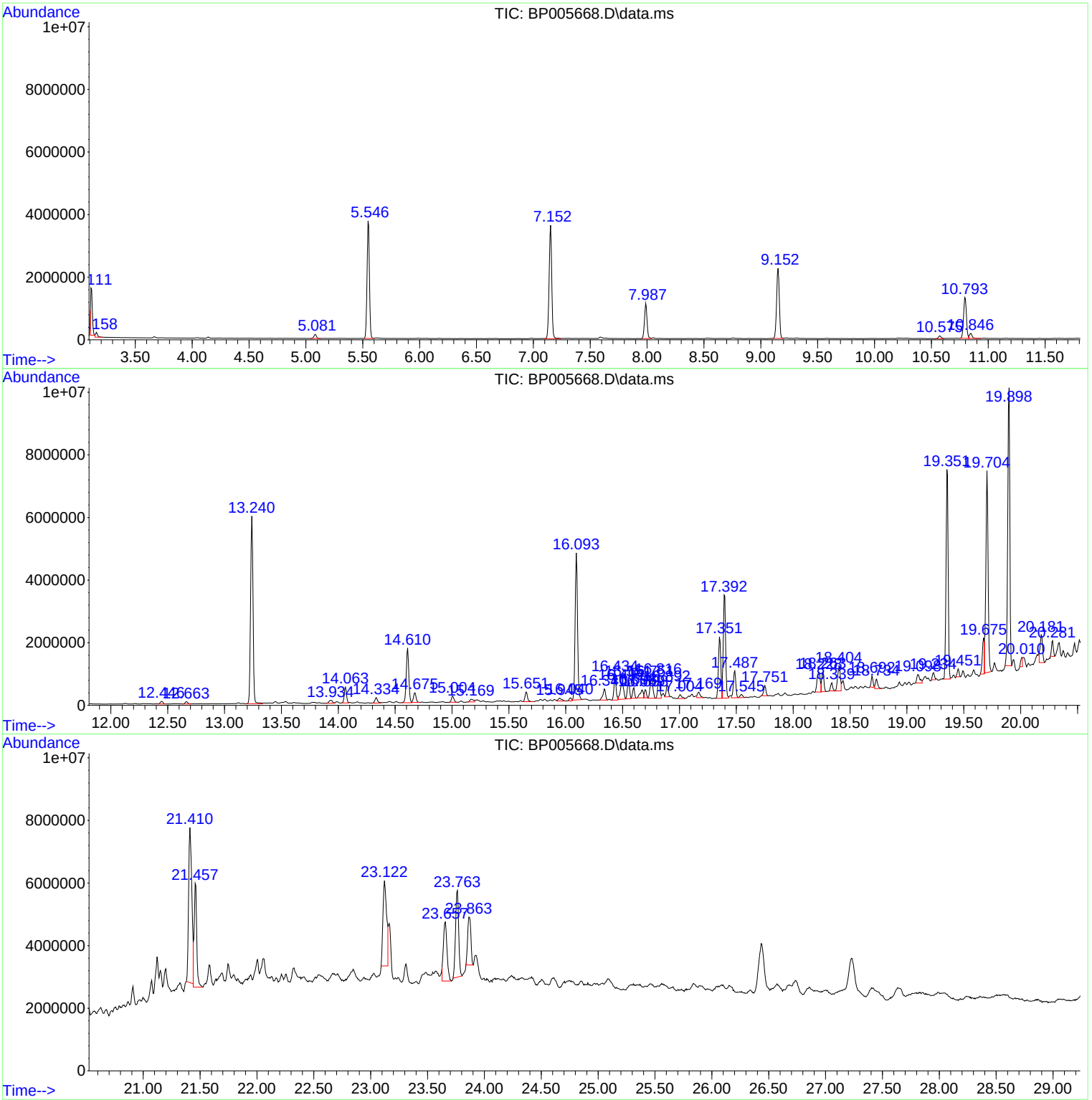
Sample : M2580-16
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
18-B6(0-6)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060221\
Data File : BP005668.D
Acq On : 02 Jun 2021 16:40
Operator : CG/JU
Sample : M2580-16
Misc :
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Instrument :
BNA_P
ClientSampleId :
18-B6(0-6)

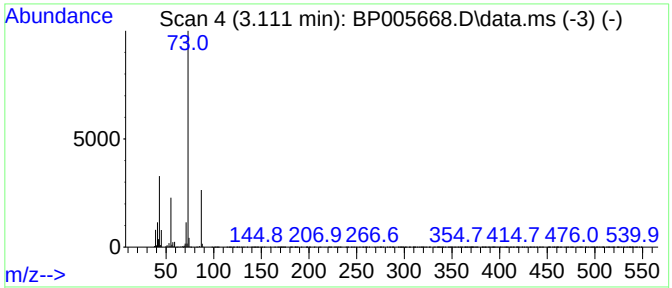
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

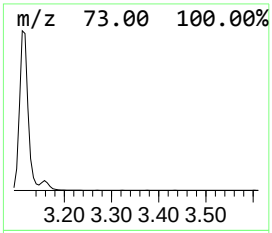
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

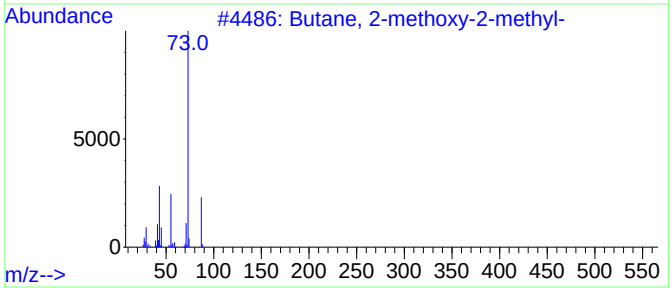
****
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 2

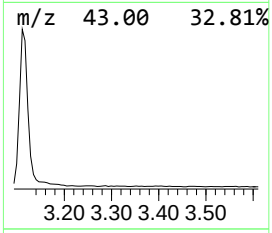
R.T.	EstConc	Area	Relative to ISTD	R.T.
3.111	16.09 ng	1408470	1,4-Dichlorobenzene-d4	7.987

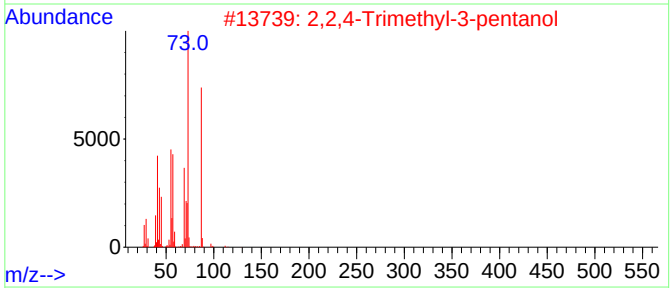
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
4	N-Ethylformamide	73	C3H7NO	000627-45-2	9
5	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9

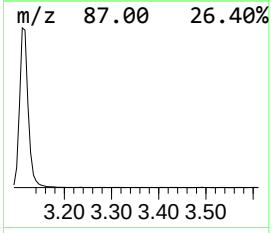


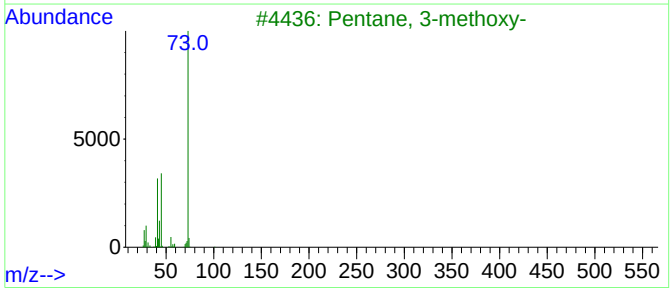


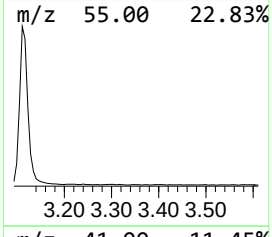


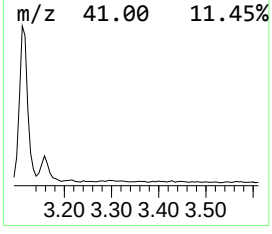












Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060221\
Data File : BP005668.D
Acq On : 02 Jun 2021 16:40
Operator : CG/JU
Sample : M2580-16
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
18-B6(0-6)

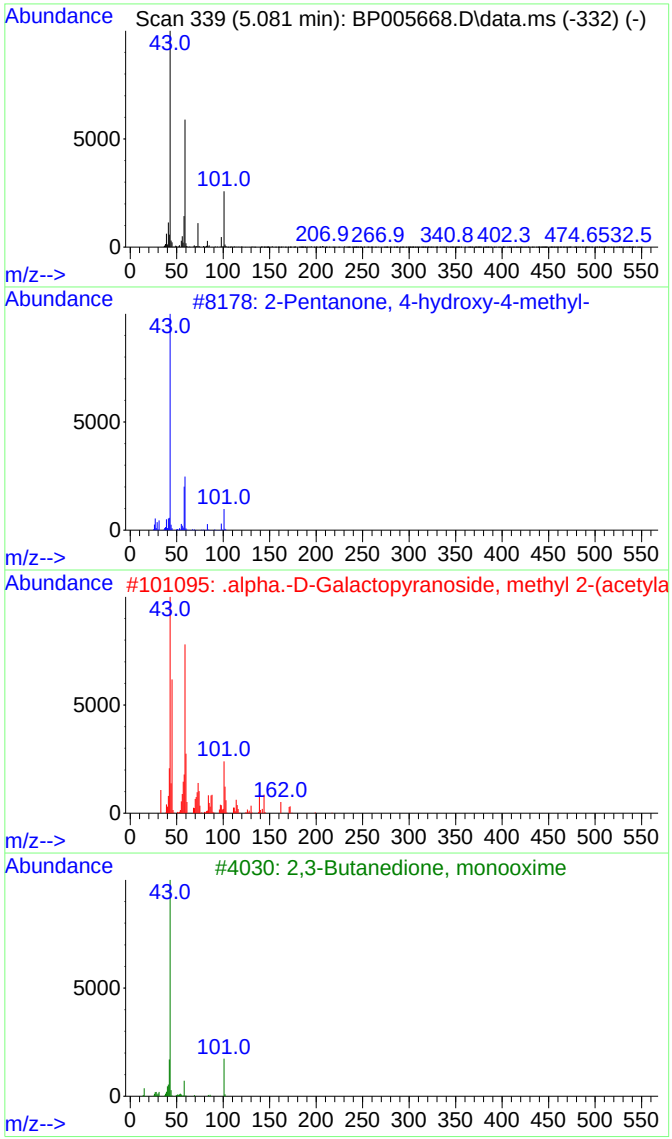
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

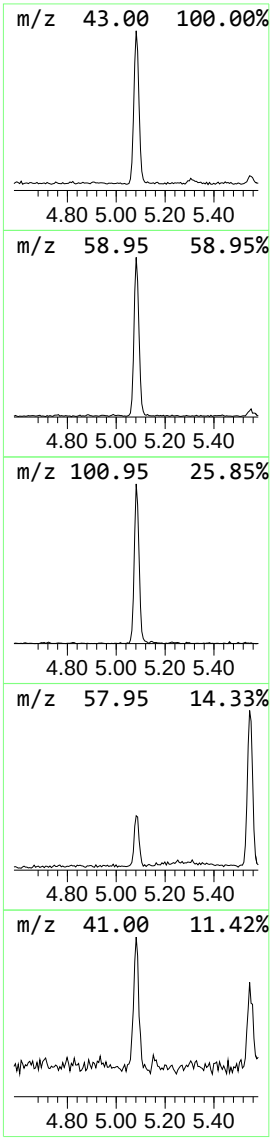
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.081	2.33 ng	203847	1,4-Dichlorobenzene-d4	7.987

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	53
2	.alpha.-D-Galactopyranoside, met...	249	C10H19NO6	017296-07-0	39
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	35
4	Silane, trimethyl-	74	C3H10Si	000993-07-7	32
5	4-Ethyl-3-octanol	158	C10H22O	019781-26-1	23





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060221\
Data File : BP005668.D
Acq On : 02 Jun 2021 16:40
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Instrument :
BNA_P
ClientSampleId :
18-B6(0-6)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

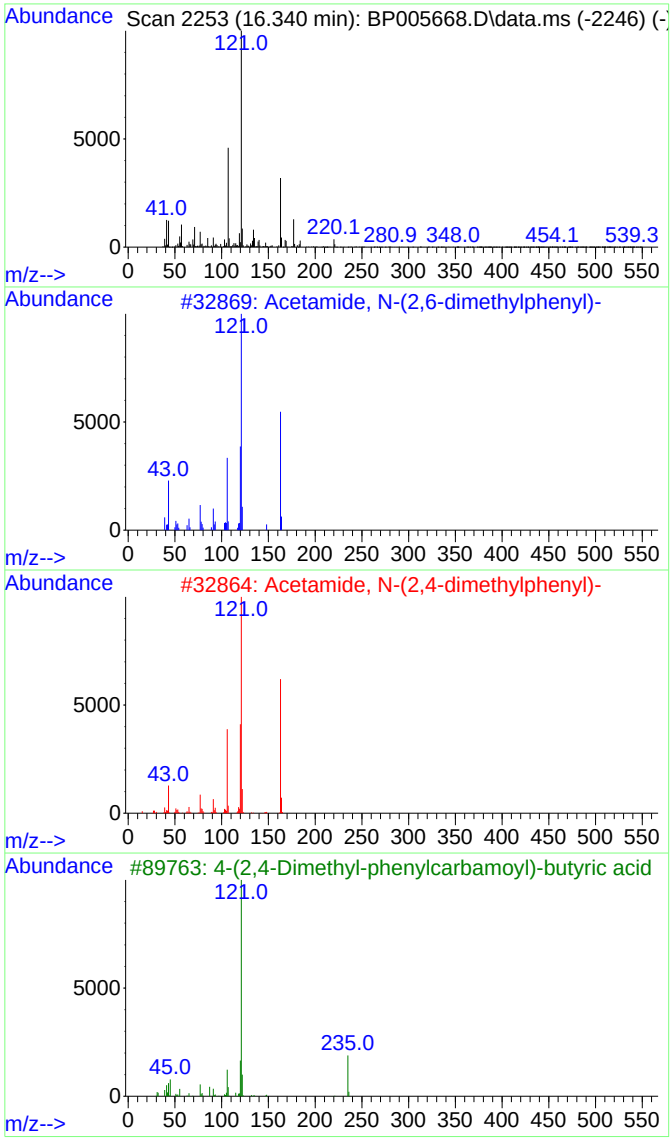
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

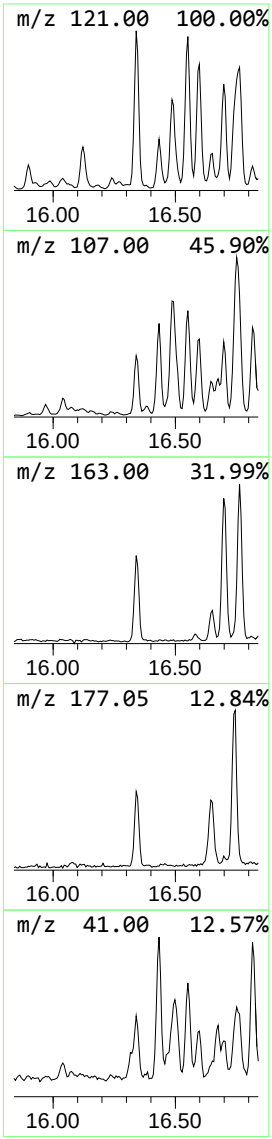
****

Peak Number 4 unknown16.34 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.340	3.80 ng	562611	Phenanthrene-d10	17.351

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetamide, N-(2,6-dimethylphenyl)-	163	C10H13NO	002198-53-0	49
2	Acetamide, N-(2,4-dimethylphenyl)-	163	C10H13NO	002050-43-3	49
3	4-(2,4-Dimethyl-phenylcarbamoyl)...	235	C13H17NO3	1000317-38-5	38
4	3-Allyloxy-6-(4-methoxy-benzylox...	420	C23H32O7	1000362-92-4	38
5	Anisole, o-octyl-	220	C15H24O	020056-59-1	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060221\
Data File : BP005668.D
Acq On : 02 Jun 2021 16:40
Operator : CG/JU
Sample : M2580-16
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
18-B6(0-6)

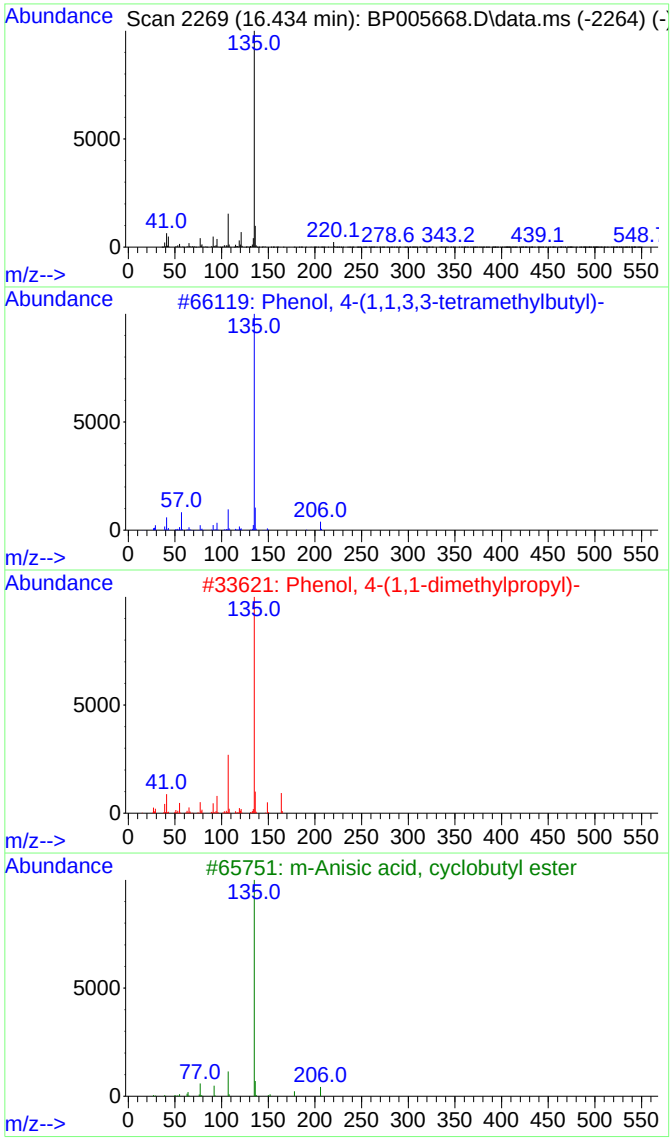
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

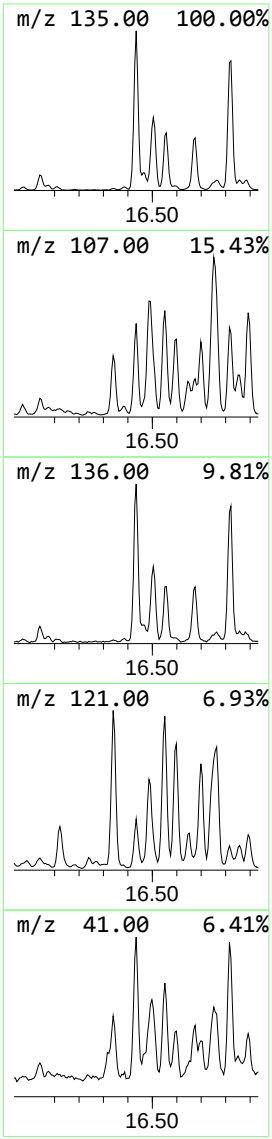
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Phenol, 4-(1,1,3,3-tetramet... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.434	7.01 ng	1038140	Phenanthrene-d10	17.351

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4-(1,1,3,3-tetramethylbu...	206	C14H22O	000140-66-9	78
2	Phenol, 4-(1,1-dimethylpropyl)-	164	C11H16O	000080-46-6	78
3	m-Anisic acid, cyclobutyl ester	206	C12H14O3	1000292-25-0	64
4	m-Anisic acid, 4-nitrophenyl ester	273	C14H11NO5	1000307-80-4	64
5	4-(1,1-Dimethylpropyl)phenyl ace...	206	C13H18O2	1000373-45-3	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060221\
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Sample : M2580-16
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
18-B6(0-6)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

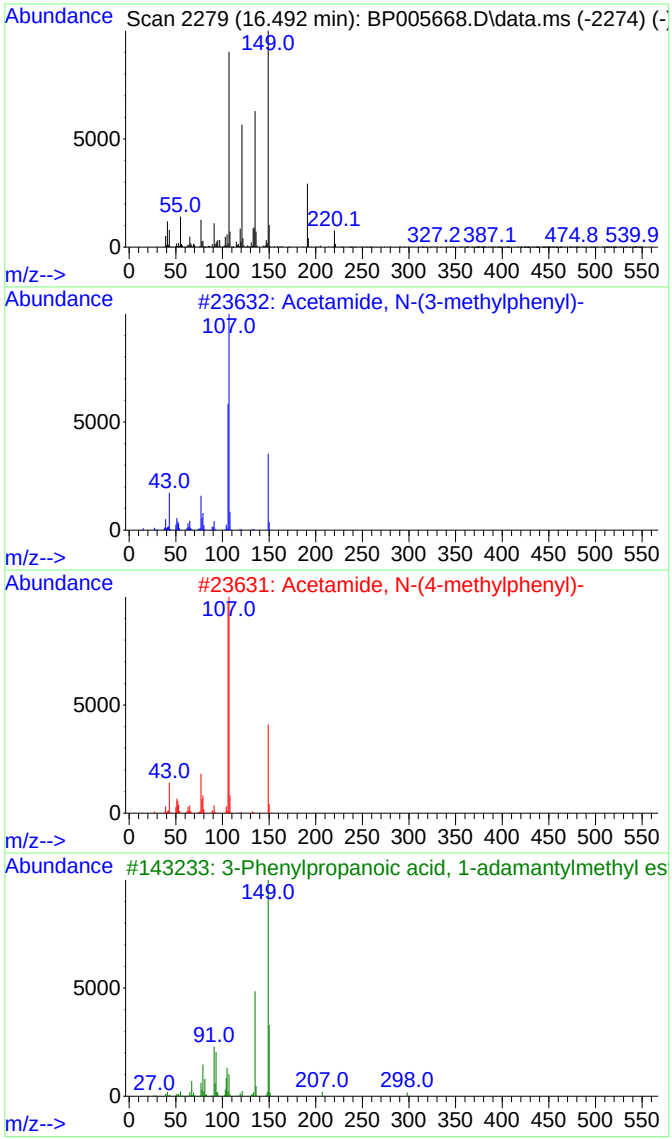
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

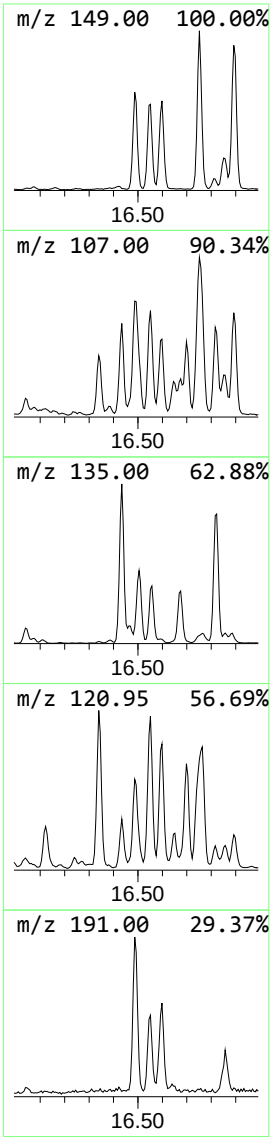
****

Peak Number 6 unknown16.49 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.493	6.90 ng	1020790	Phenanthrene-d10	17.351

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetamide, N-(3-methylphenyl)-	149	C9H11NO	000537-92-8	50
2	Acetamide, N-(4-methylphenyl)-	149	C9H11NO	000103-89-9	38
3	3-Phenylpropanoic acid, 1-adaman...	298	C20H26O2	1000282-93-6	38
4	Phenol, 4-(1,1-dimethylpropyl)-	164	C11H16O	000080-46-6	38
5	4-Ethoxyphenethyl alcohol	166	C10H14O2	022545-15-9	35





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060221\
Data File : BP005668.D
Acq On : 02 Jun 2021 16:40
Operator : CG/JU
Sample : M2580-16
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
18-B6(0-6)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

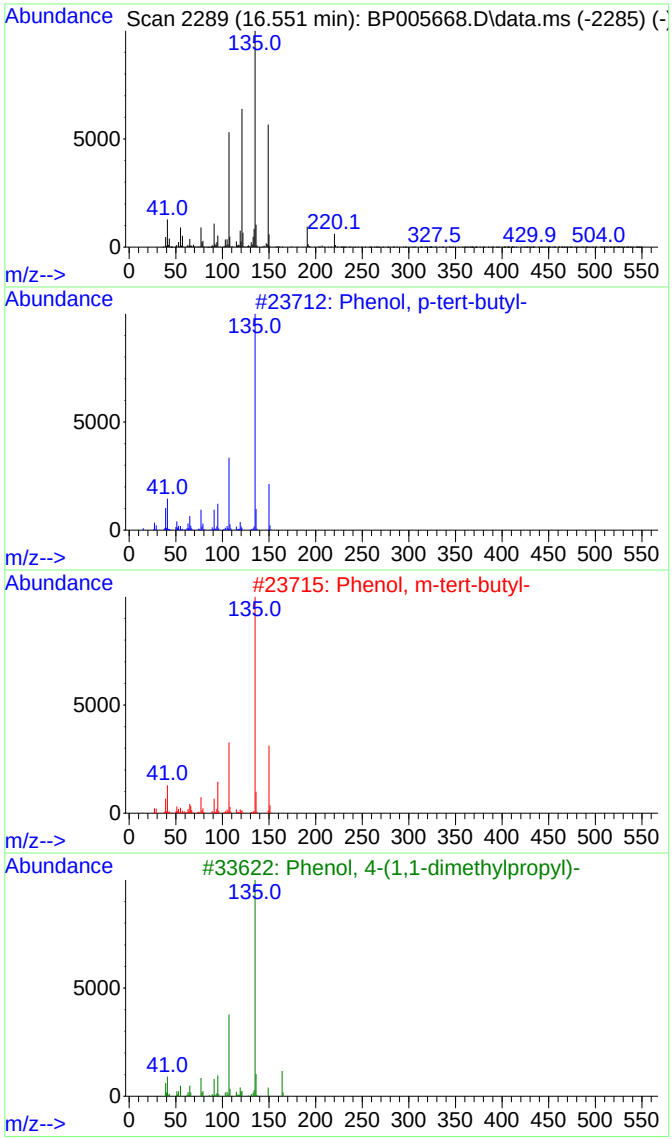
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

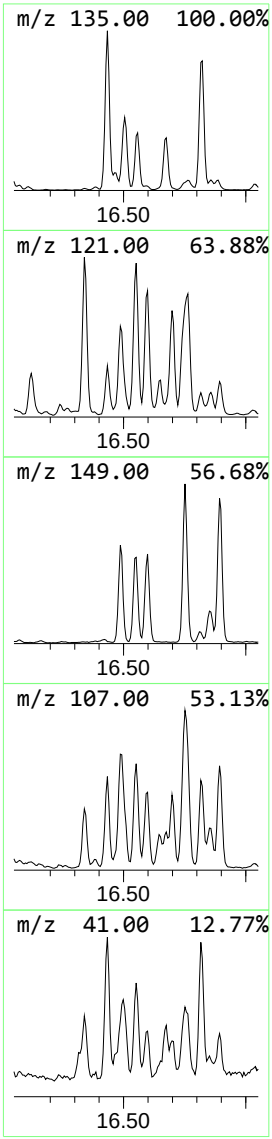
****

Peak Number 7 Phenol, p-tert-butyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.551	5.28 ng	781264	Phenanthrene-d10	17.351

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, p-tert-butyl-	150	C10H14O	000098-54-4	64
2	Phenol, m-tert-butyl-	150	C10H14O	000585-34-2	50
3	Phenol, 4-(1,1-dimethylpropyl)-	164	C11H16O	000080-46-6	50
4	Hexestrol, O-trifluoroacetyl-	366	C20H21F3O3	1000365-31-7	47
5	Hexestrol	270	C18H22O2	005635-50-7	47





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Operator : CG/JU
Sample : M2580-16
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
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ClientSampleId :
18-B6(0-6)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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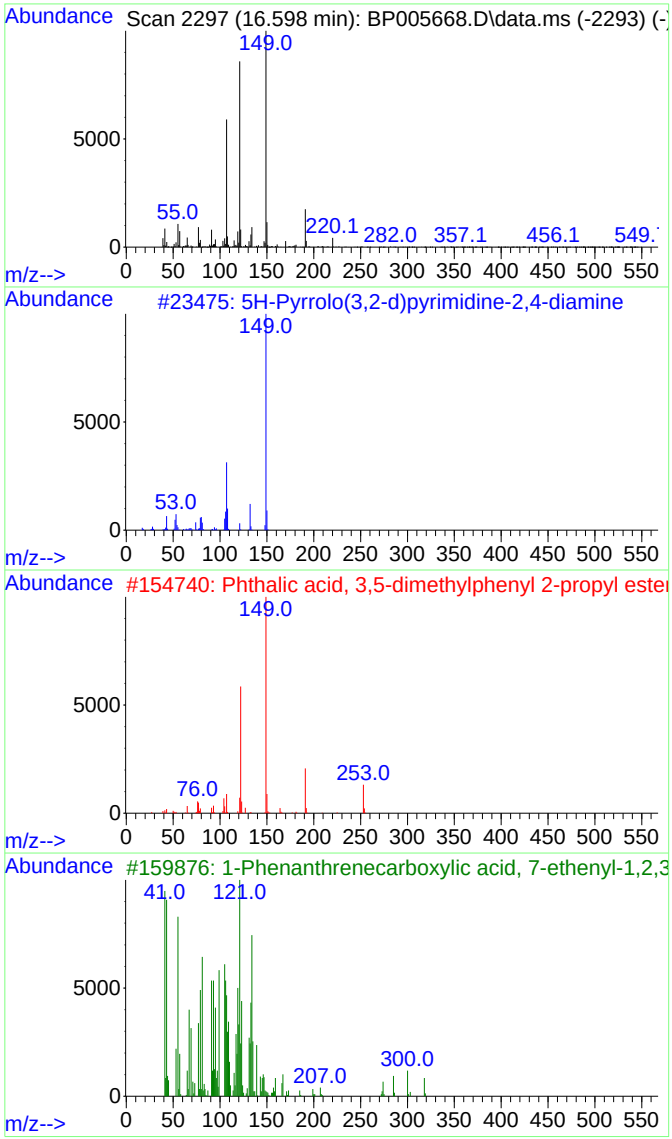
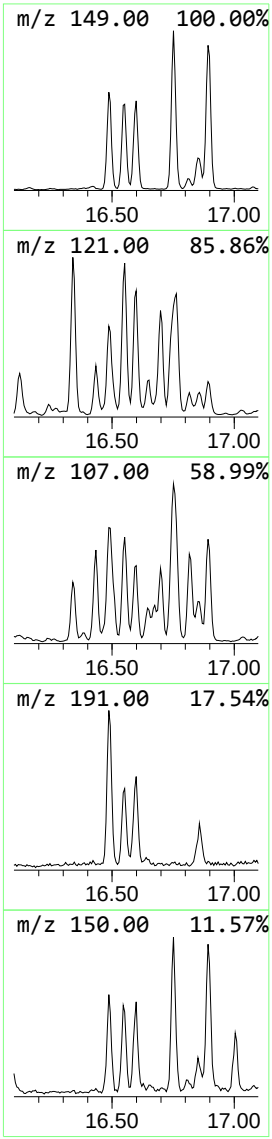
Peak Number 8 unknown16.59 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.598	2.78 ng	410871	Phenanthrene-d10	17.351

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5H-Pyrrolo(3,2-d)pyrimidine-2,4-...	149	C6H7N5	1000244-21-4	46
2	Phthalic acid, 3,5-dimethylpheny...	312	C19H20O4	1000315-56-9	35
3	1-Phenanthrenecarboxylic acid, 7...	318	C20H30O3	056051-66-2	30
4	1,2-Benzenedicarboxylic acid, bi...	250	C14H18O4	000605-45-8	30
5	Phenol, 4-(1,1-dimethylethyl)-2-...	164	C11H16O	000098-27-1	27





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

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

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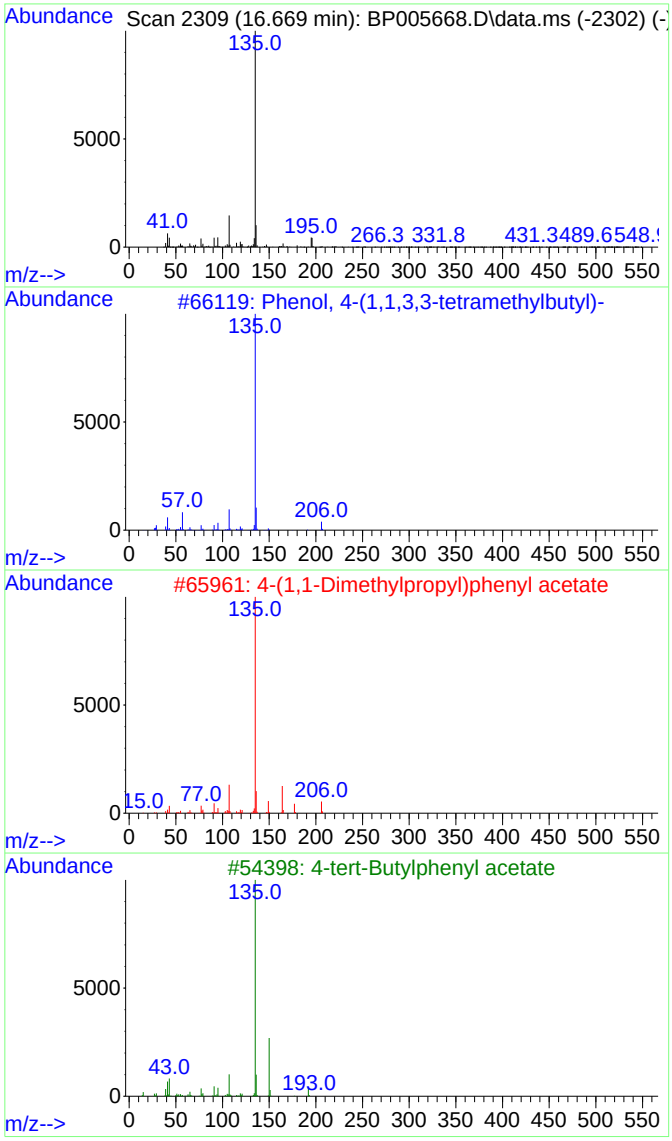
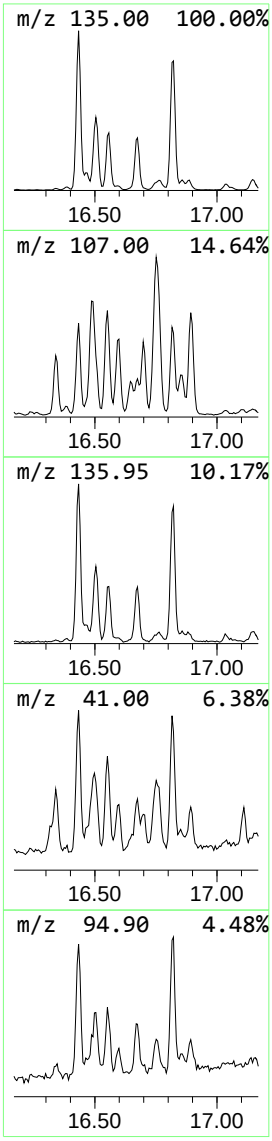
Peak Number 9 4-(1,1-Dimethylpropyl)pheny... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.669	3.42 ng	506040	Phenanthrene-d10	17.351

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4-(1,1,3,3-tetramethylbu...	206	C14H22O	000140-66-9	72
2	4-(1,1-Dimethylpropyl)phenyl ace...	206	C13H18O2	1000373-45-3	72
3	4-tert-Butylphenyl acetate	192	C12H16O2	003056-64-2	72
4	1-Adamantanecarboxylic acid, 3,5...	284	C19H24O2	1000307-66-1	64
5	3-Methoxybenzoic acid, 2,4,6-tri...	330	C14H9Cl3O3	1000325-55-6	64





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Misc :
ALS Vial : 6 Sample Multiplier: 1

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ClientSampleId : 18-B6(0-6)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052721.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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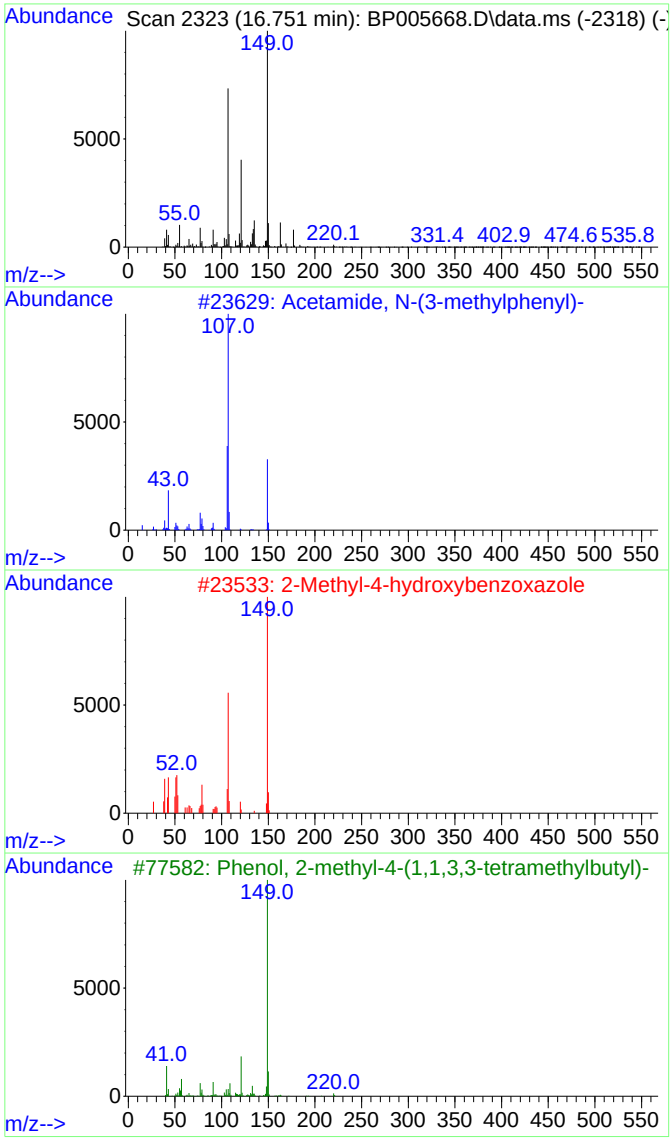
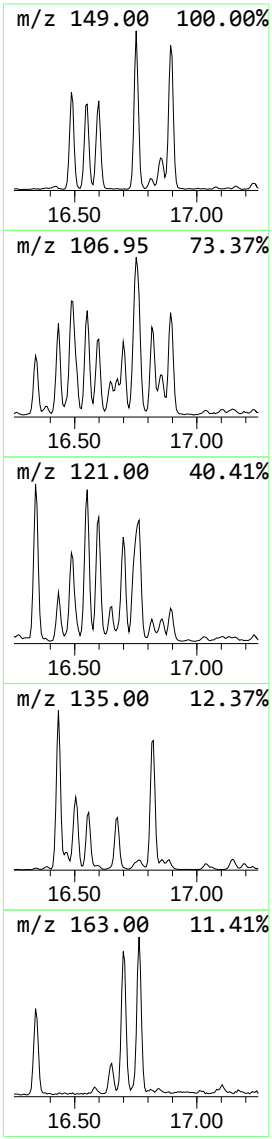
Peak Number 10 Acetamide, N-(3-methylphenyl)- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.751	7.17 ng	1061840	Phenanthrene-d10	17.351

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetamide, N-(3-methylphenyl)-	149	C9H11NO	000537-92-8	72
2	2-Methyl-4-hydroxybenzoxazole	149	C8H7NO2	051110-60-2	64
3	Phenol, 2-methyl-4-(1,1,3,3-tetr...	220	C15H24O	002219-84-3	38
4	Benzenemethanol, 4-(1,1-dimethyl...	164	C11H16O	000877-65-6	35
5	Phthalic acid, 3-methylphenyl pr...	298	C18H18O4	1000315-36-6	35





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Sample : M2580-16
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Instrument :
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ClientSampleId :
18-B6(0-6)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052721.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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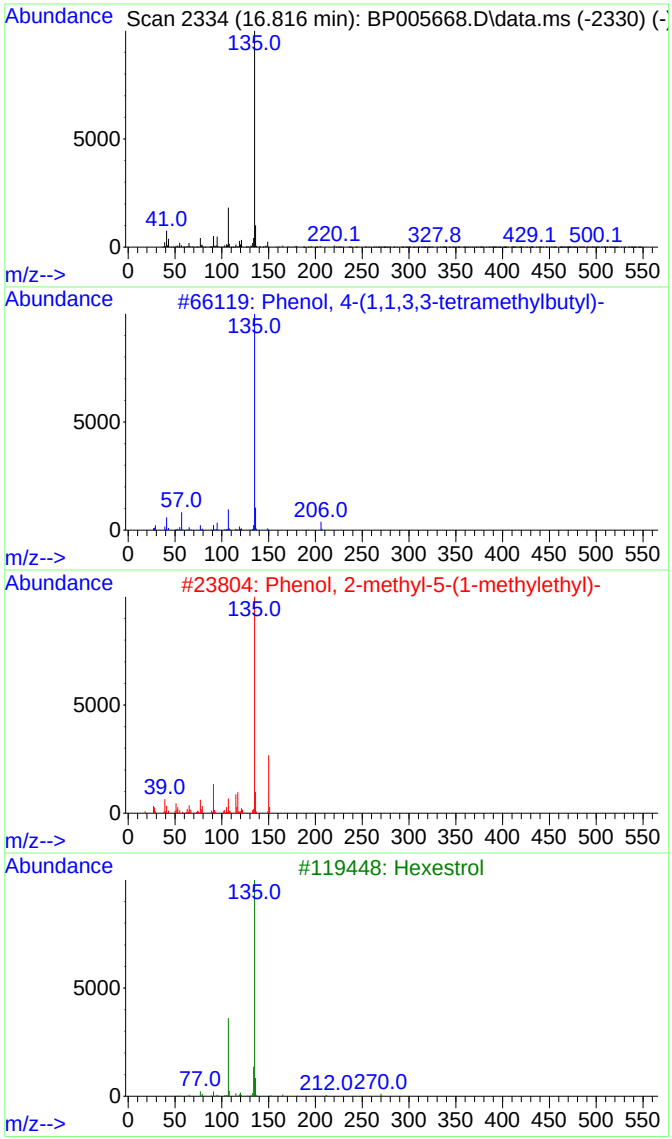
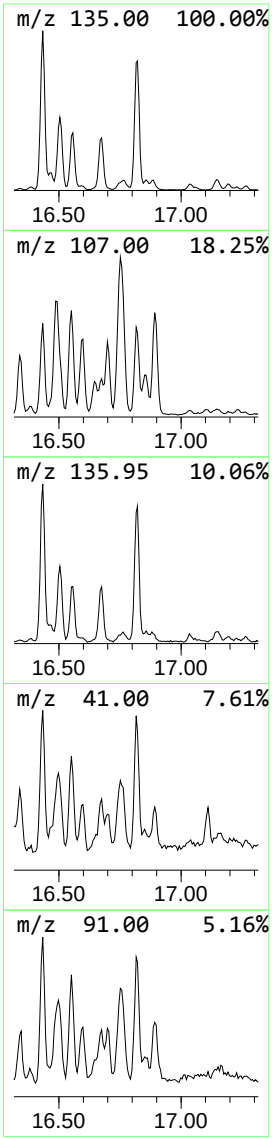
Peak Number 11 Phenol, 2-methyl-5-(1-methy... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.816	6.18 ng	914973	Phenanthrene-d10	17.351

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4-(1,1,3,3-tetramethylbu...	206	C14H22O	000140-66-9	78
2	Phenol, 2-methyl-5-(1-methylethyl)-	150	C10H14O	000499-75-2	72
3	Hexestrol	270	C18H22O2	000084-16-2	64
4	4-(1,1-Dimethylpropyl)phenyl ace...	206	C13H18O2	1000373-45-3	64
5	m-Anisic acid, 4-cyanophenyl ester	253	C15H11NO3	1000307-80-2	64





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Misc :
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Instrument : BNA_P
ClientSampleId : 18-B6(0-6)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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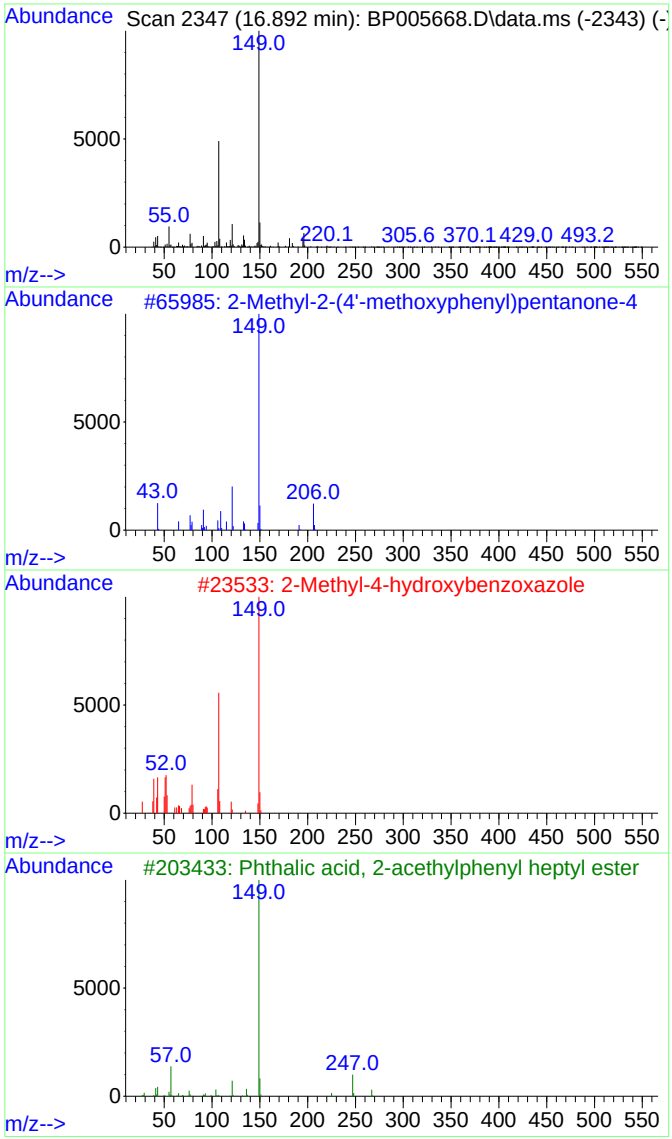
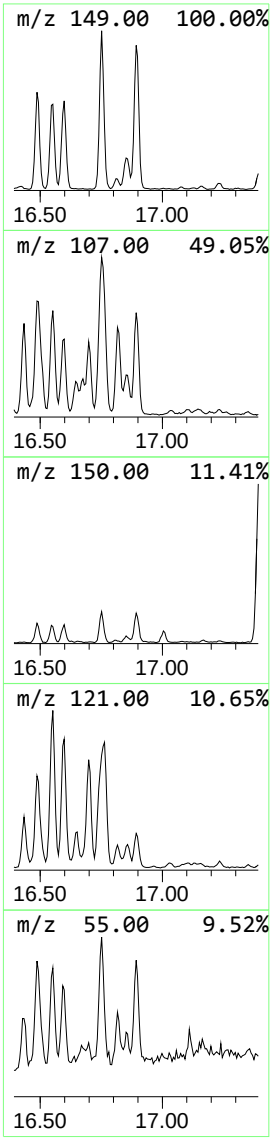
Peak Number 12 2-Methyl-2-(4'-methoxypheny... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.892	3.36 ng	497353	Phenanthrene-d10	17.351

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methyl-2-(4'-methoxyphenyl)pen...	206	C13H18O2	185700-49-6	50
2	2-Methyl-4-hydroxybenzoxazole	149	C8H7NO2	051110-60-2	50
3	Phthalic acid, 2-acethylphenyl h...	382	C23H26O5	1000315-81-8	47
4	2-t-Butyl-5-[hydroxy-(2,4,6-trim...	306	C18H26O4	092572-63-9	47
5	Phthalic acid, 2,7-dimethyloct-7...	370	C23H30O4	1000315-49-1	43





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Sample : M2580-16
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
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ClientSampleId :
18-B6(0-6)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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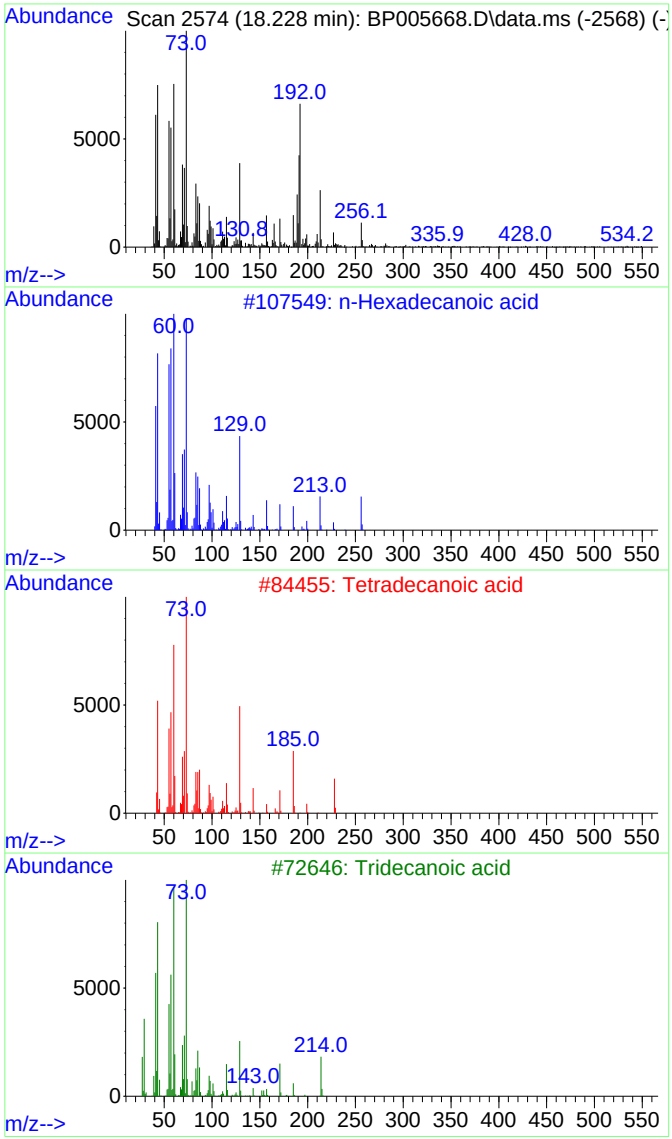
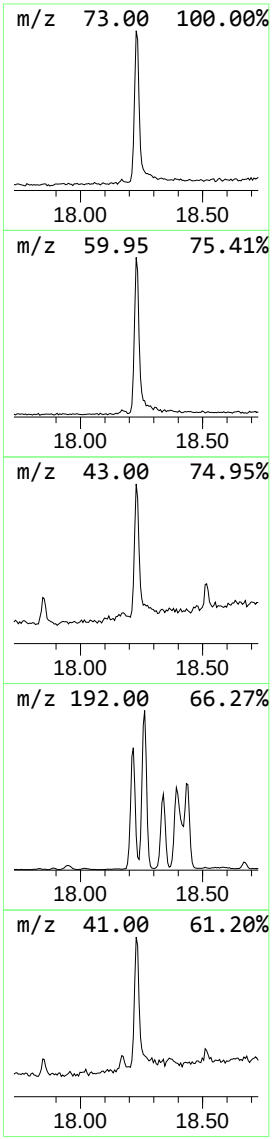
Peak Number 13 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.228	8.62 ng	1276230	Phenanthrene-d10	17.351

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	90
3	Tridecanoic acid	214	C13H26O2	000638-53-9	78
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	60
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	56





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Sample : M2580-16
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
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ClientSampleId :
18-B6(0-6)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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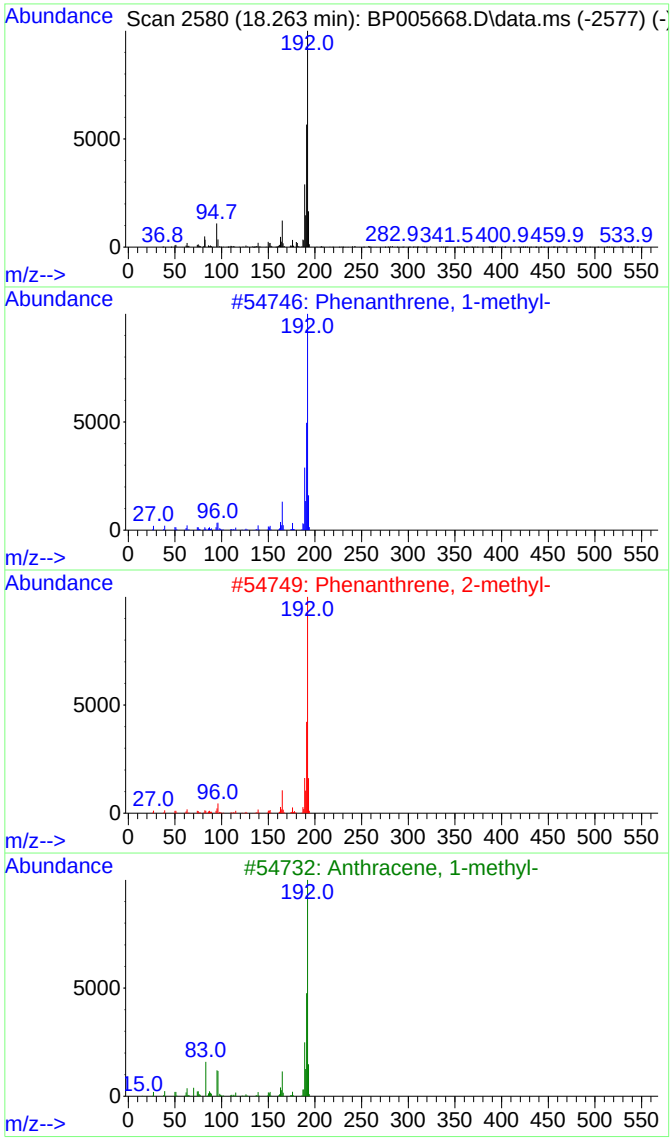
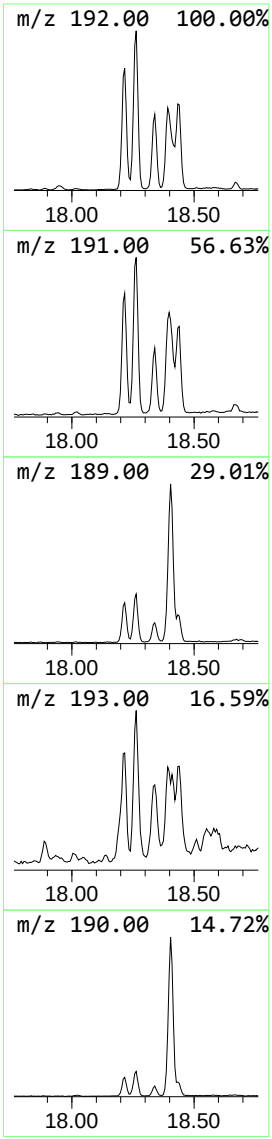
Peak Number 14 Phenanthrene, 1-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.263	5.48 ng	811056	Phenanthrene-d10	17.351

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
5	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	93





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Sample : M2580-16
Misc :
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Instrument :
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ClientSampleId :
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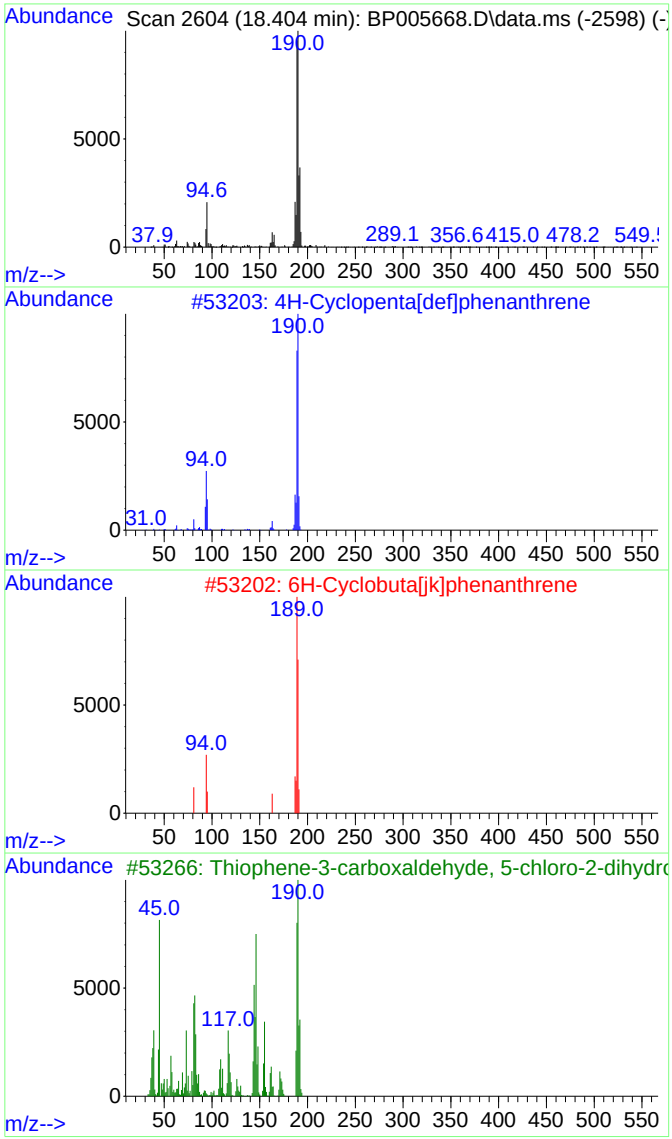
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

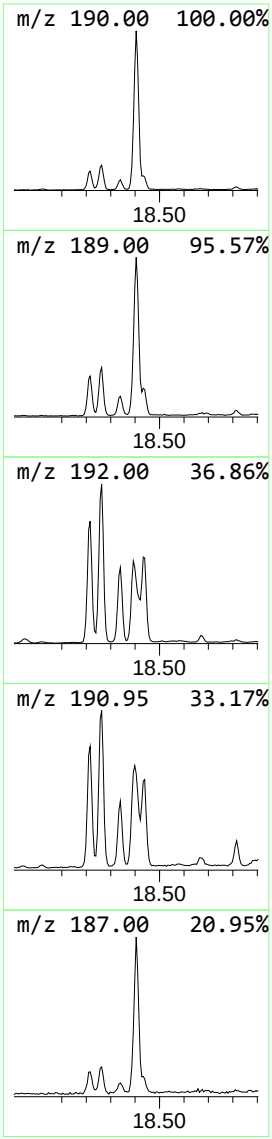
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 4H-Cyclopenta[def]phenanthrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.404	8.87 ng	1313390	Phenanthrene-d10	17.351

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	64
3	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	52
4	Methyl diselenide	190	C2H6Se2	007101-31-7	46
5	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	45





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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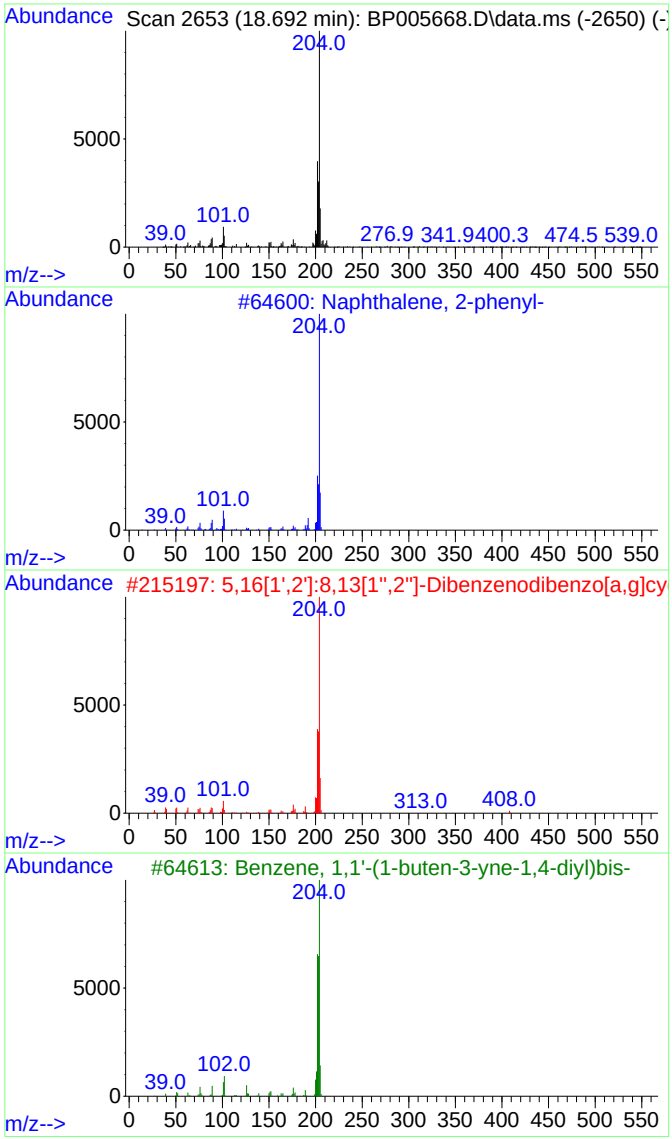
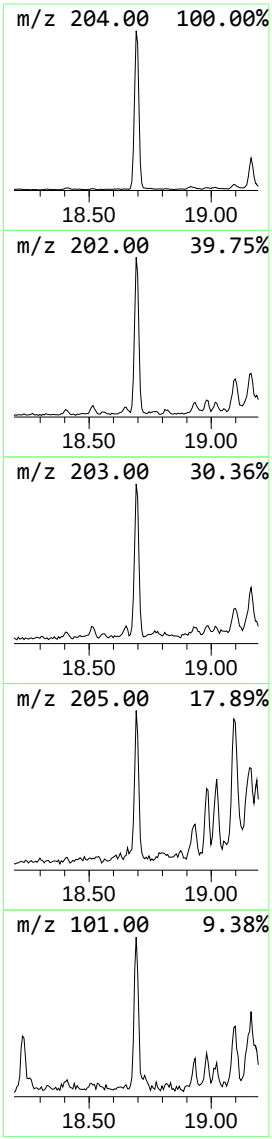
Peak Number 16 Naphthalene, 2-phenyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.692	2.70 ng	399781	Phenanthrene-d10	17.351

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	92
2	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	91
3	Benzene, 1,1'-(1-buten-3-yne-1,4...	204	C16H12	013141-45-2	55
4	9-Acridinecarbonitrile	204	C14H8N2	005326-19-2	49
5	[1,1'-Biphenyl]-2-ol, 5-chloro-	204	C12H9ClO	000607-12-5	47





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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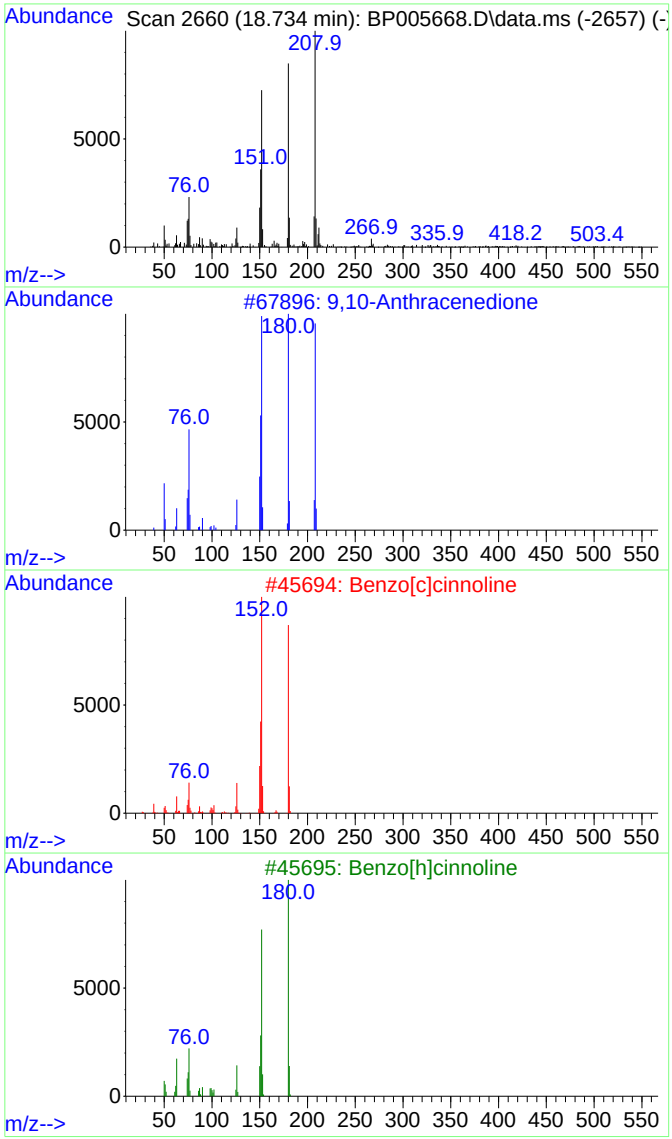
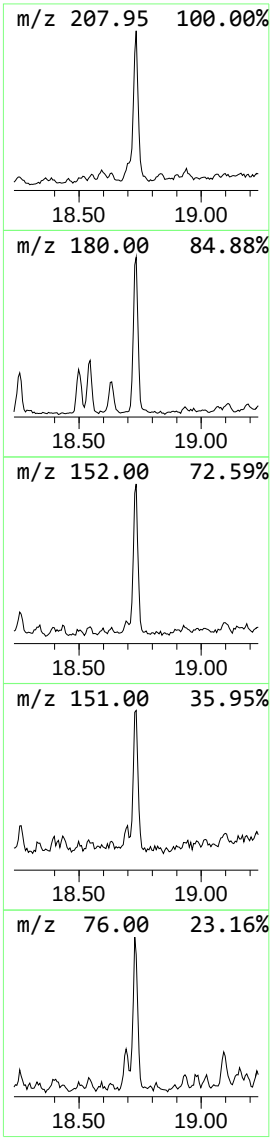
Peak Number 17 9,10-Anthracenedione Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.733	2.78 ng	411693	Phenanthrene-d10	17.351

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	97
2	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	78
3	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	64
4	9H-Fluoren-9-one	180	C13H8O	000486-25-9	55
5	1,4-Anthracenedione	208	C14H8O2	000635-12-1	53





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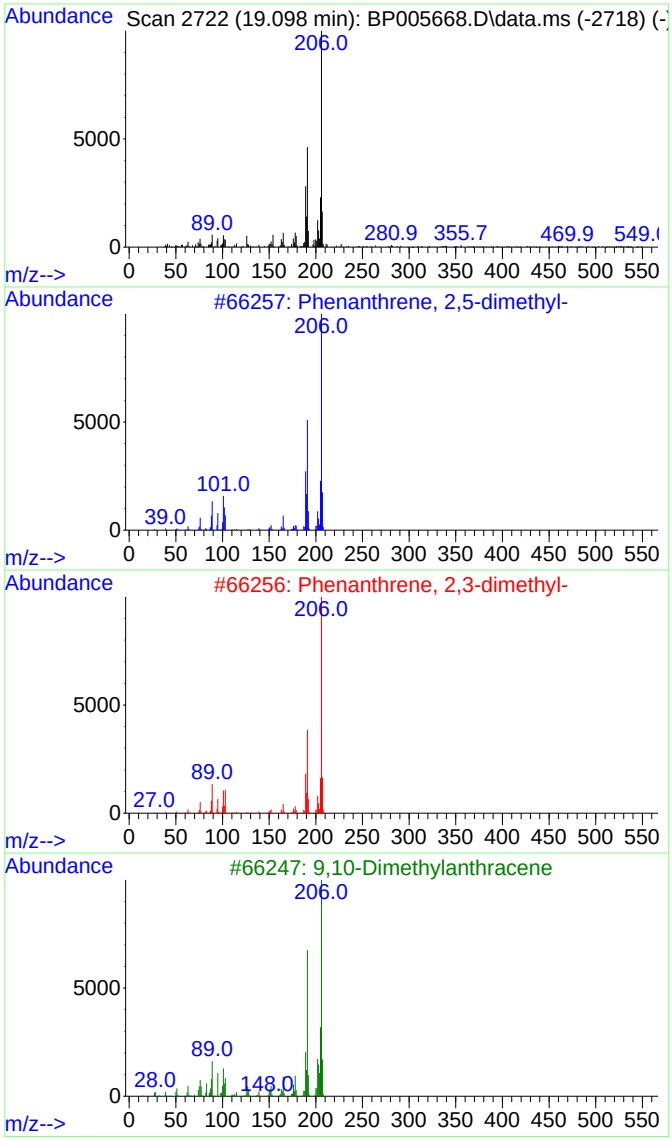
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

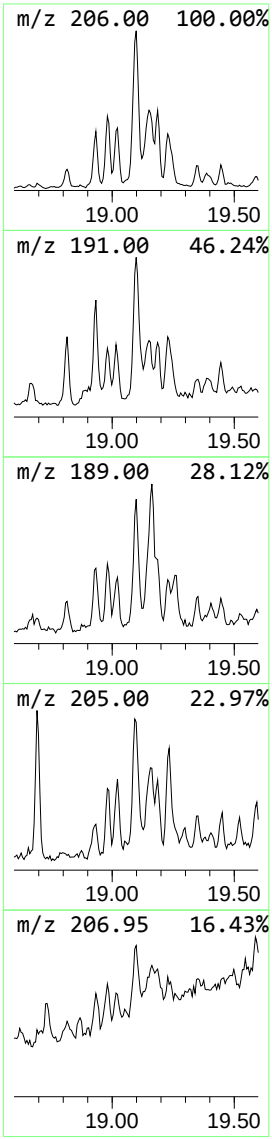
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 Phenanthrene, 2,5-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.098	3.46 ng	512332	Phenanthrene-d10	17.351

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	96
2	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	93
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
4	di-p-Tolylacetylene	206	C16H14	002789-88-0	90
5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	87





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Data File : BP005668.D
Acq On : 02 Jun 2021 16:40
Operator : CG/JU
Sample : M2580-16
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
18-B6(0-6)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052721.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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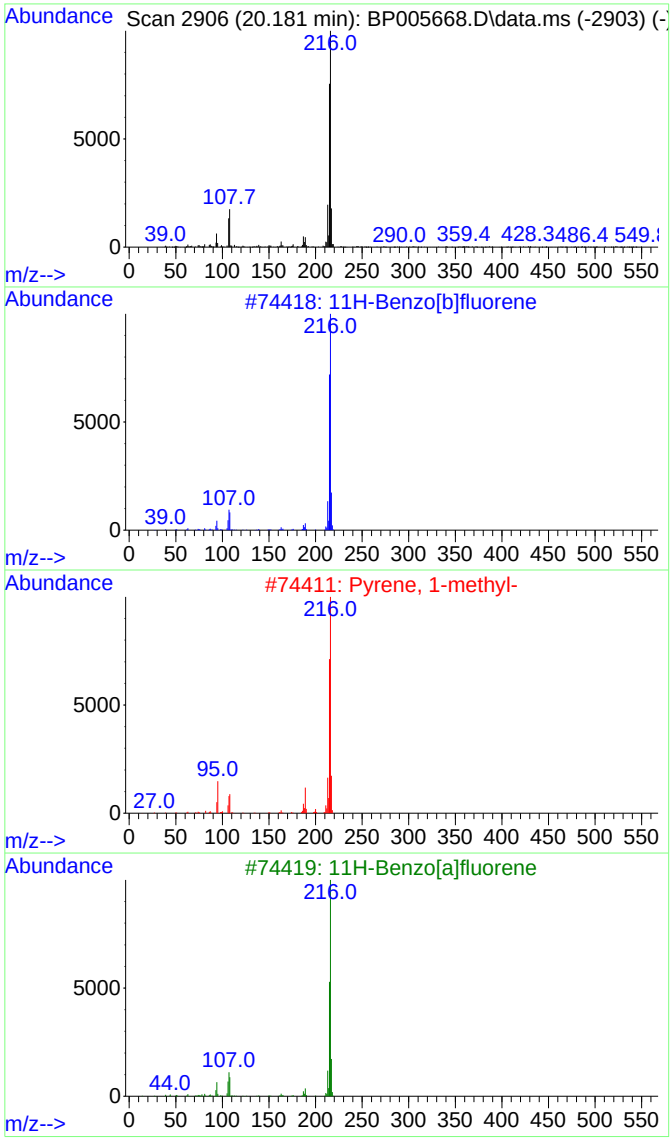
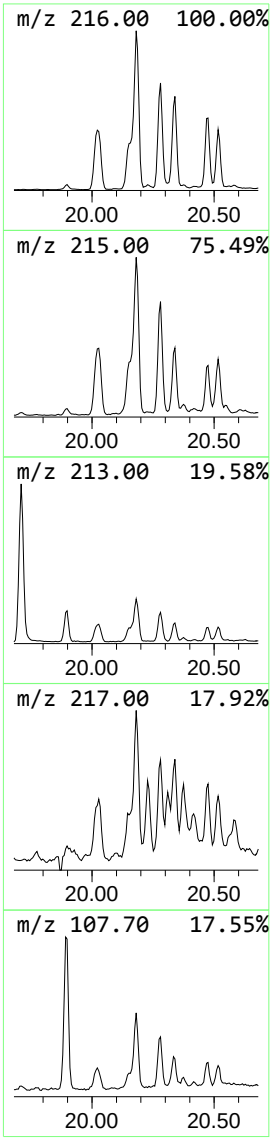
Peak Number 19 11H-Benzo[b]fluorene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.180	2.58 ng	1267880	Chrysene-d12	21.422

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	97
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
4	Pyrene, 2-methyl-	216	C17H12	003442-78-2	86
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	81





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060221\
Data File : BP005668.D
Acq On : 02 Jun 2021 16:40
Operator : CG/JU
Sample : M2580-16
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
18-B6(0-6)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052721.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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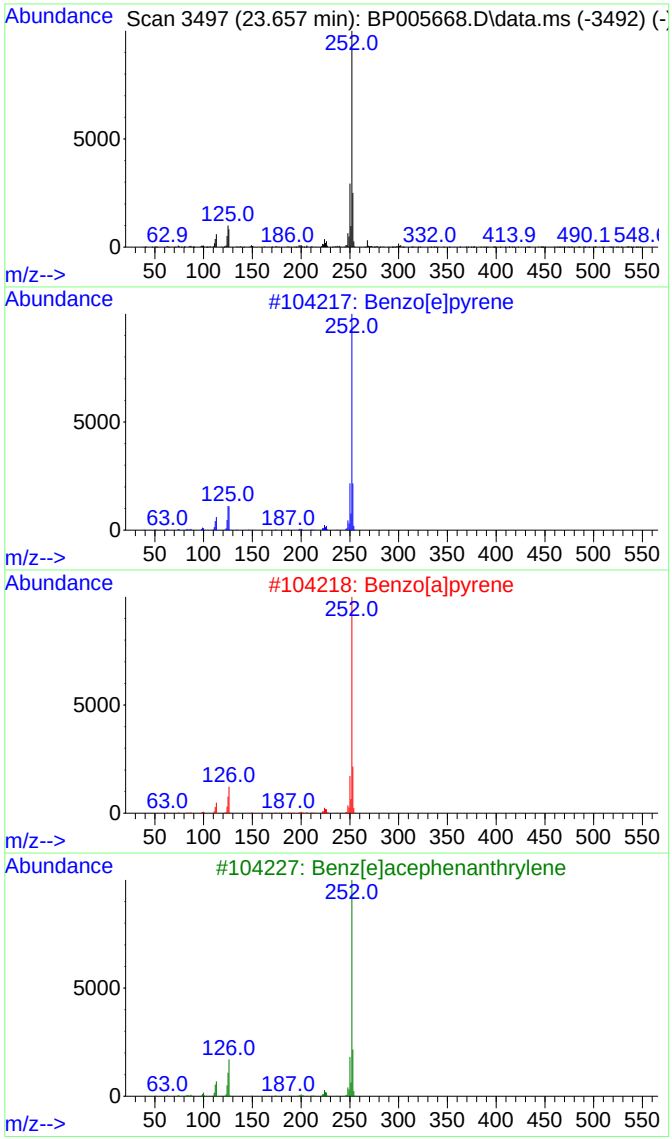
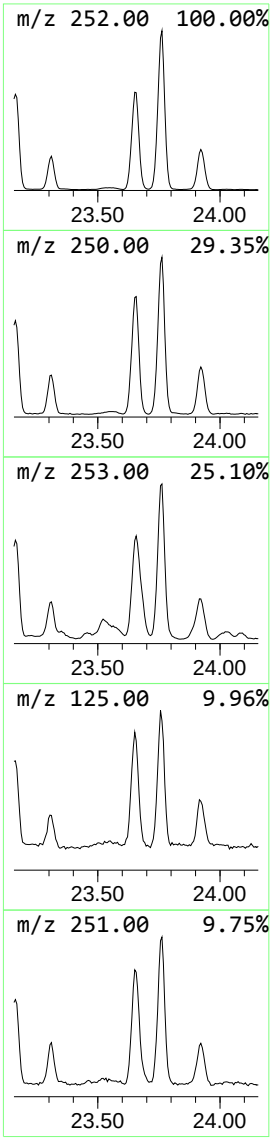
Peak Number 20 Benzo[e]pyrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.657	27.45 ng	4151300	Perylene-d12	23.869

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	96
2	Benzo[a]pyrene	252	C20H12	000050-32-8	93
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	93
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	90
5	Perylene	252	C20H12	000198-55-0	81





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060221\
Data File : BP005668.D
Acq On : 02 Jun 2021 16:40
Operator : CG/JU
Sample : M2580-16
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 18-B6(0-6)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052721.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-metho...	3.111	16.1	ng	1408470	1	7.987	1751110	20.0
2-Pentanone, 4-...	5.081	2.3	ng	203847	1	7.987	1751110	20.0
unknown16.34	16.340	3.8	ng	562611	4	17.351	2960290	20.0
Phenol, 4-(1,1,...	16.434	7.0	ng	1038140	4	17.351	2960290	20.0
unknown16.49	16.493	6.9	ng	1020790	4	17.351	2960290	20.0
Phenol, p-tert-...	16.551	5.3	ng	781264	4	17.351	2960290	20.0
unknown16.59	16.598	2.8	ng	410871	4	17.351	2960290	20.0
4-(1,1-Dimethyl...	16.669	3.4	ng	506040	4	17.351	2960290	20.0
Acetamide, N-(3...	16.751	7.2	ng	1061840	4	17.351	2960290	20.0
Phenol, 2-methy...	16.816	6.2	ng	914973	4	17.351	2960290	20.0
2-Methyl-2-(4'-...	16.892	3.4	ng	497353	4	17.351	2960290	20.0
n-Hexadecanoic ...	18.228	8.6	ng	1276230	4	17.351	2960290	20.0
Phenanthrene, 1...	18.263	5.5	ng	811056	4	17.351	2960290	20.0
4H-Cyclopenta[d...	18.404	8.9	ng	1313390	4	17.351	2960290	20.0
Naphthalene, 2-...	18.692	2.7	ng	399781	4	17.351	2960290	20.0
9,10-Anthracene...	18.733	2.8	ng	411693	4	17.351	2960290	20.0
Phenanthrene, 2...	19.098	3.5	ng	512332	4	17.351	2960290	20.0
11H-Benzo[b]flu...	20.180	2.6	ng	1267880	5	21.422	9811970	20.0
Benzo[e]pyrene	23.657	27.4	ng	4151300	6	23.869	3024520	20.0