LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021921\
Data File : BP004829.D
Acq On : 19 Feb 2021 19:14
Operator : CG/JU
Sample : M1439-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SP-142-150

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-BP020521.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP004829.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.899	286	291	299	rVB	44500	65051	2.97%	0.303%
2	5.358	362	369	377	rBV	885862	1234643	56.46%	5.751%
3	6.946	629	639	651	rBV	775726	1256339	57.45%	5.853%
4	7.763	771	778	786	rBV	199465	307156	14.05%	1.431%
5	8.922	967	975	986	rBV	482710	786371	35.96%	3.663%
6	10.557	1245	1253	1258	rBV	231179	383283	17.53%	1.785%
7	10.610	1258	1262	1270	rVB2	32480	54005	2.47%	0.252%
8	12.234	1526	1538	1545	rBV4	22954	61909	2.83%	0.288%
9	13.034	1665	1674	1682	rBV	998119	1486085	67.96%	6.923%
10	13.869	1807	1816	1825	rVB	46886	68232	3.12%	0.318%
11	14.134	1856	1861	1868	rBV	25647	39643	1.81%	0.185%
12	14.416	1901	1909	1915	rBV	313290	471574	21.56%	2.197%
13	14.475	1915	1919	1927	rVB	26458	42077	1.92%	0.196%
14	14.816	1972	1977	1986	rBV	21018	36911	1.69%	0.172%
15	15.463	2082	2087	2098	rVB2	31160	50305	2.30%	0.234%
16	15.651	2112	2119	2127	rBV	54907	90383	4.13%	0.421%
17	15.910	2156	2163	2171	rBV	899719	1278661	58.47%	5.957%
18	16.010	2175	2180	2188	rVB	37805	60117	2.75%	0.280%
19	16.822	2313	2318	2324	rVB	31542	49502	2.26%	0.231%
20	16.987	2342	2346	2355	rVB2	26674	43080	1.97%	0.201%
21	17.169	2370	2377	2381	rBV	378536	571740	26.15%	2.663%
22	17.210	2381	2384	2391	rVV	473405	611389	27.96%	2.848%
23	17.304	2391	2400	2405	rVV	100655	161868	7.40%	0.754%
24	17.363	2405	2410	2415	rVB5	11825	22486	1.03%	0.105%
25	17.575	2437	2446	2453	rBV2	55306	106529	4.87%	0.496%
26	17.751	2472	2476	2483	rVB5	14688	26382	1.21%	0.123%
27	18.039	2520	2525	2527	rBV	62440	88428	4.04%	0.412%
28	18.063	2527	2529	2531	rVV2	77299	96486	4.41%	0.449%
29	18.086	2531	2533	2538	rVB	92902	104806	4.79%	0.488%
30	18.163	2543	2546	2551	rVV	33667	46732	2.14%	0.218%
31	18.228	2551	2557	2561	rVV2	87141	161176	7.37%	0.751%
32	18.263	2561	2563	2567	rVB	47151	52849	2.42%	0.246%
33	18.345	2572	2577	2580	rBV7	13635	22473	1.03%	0.105%
34	18.528	2604	2608	2611	rBV2	51512	77530	3.55%	0.361%
35	18.563	2611	2614	2619	rVB	52819	70886	3.24%	0.330%
36	18.763	2644	2648	2652	rVB	29834	38304	1.75%	0.178%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021921\
Data File : BP004829.D
Acq On : 19 Feb 2021 19:14
Operator : CG/JU
Sample : M1439-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SP-142-150

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-BP020521.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	18.810	2652	2656	2659	rBV	17644	23633	1.08%	0.110%
38	18.933	2672	2677	2681	rBV3	51859	83417	3.81%	0.389%
39	19.063	2695	2699	2706	rVB	54195	80386	3.68%	0.374%
40	19.186	2714	2720	2725	rBV	884972	1133193	51.82%	5.279%
41	19.245	2727	2730	2733	rVV5	19520	22786	1.04%	0.106%
42	19.281	2733	2736	2741	rVV2	22363	29479	1.35%	0.137%
43	19.328	2741	2744	2748	rVB2	31032	38758	1.77%	0.181%
44	19.422	2757	2760	2769	rVB3	40034	60871	2.78%	0.284%
45	19.504	2770	2774	2775	rBV	128290	142857	6.53%	0.665%
46	19.533	2775	2779	2787	rVB	690878	1011659	46.26%	4.713%
47	19.604	2787	2791	2796	rBV2	34456	56495	2.58%	0.263%
48	19.733	2803	2813	2818	rBV	1718073	2186771	100.00%	10.187%
49	19.769	2818	2819	2824	rVB	52490	49474	2.26%	0.230%
50	19.857	2828	2834	2840	rBV4	47521	123457	5.65%	0.575%
51	19.939	2845	2848	2851	rVV2	42290	48733	2.23%	0.227%
52	19.980	2851	2855	2857	rVV4	43400	69711	3.19%	0.325%
53	20.016	2858	2861	2868	rVB3	91622	170621	7.80%	0.795%
54	20.116	2875	2878	2881	rBV	47649	50823	2.32%	0.237%
55	20.169	2885	2887	2891	rVB	67650	83591	3.82%	0.389%
56	20.310	2908	2911	2914	rVB	38648	41238	1.89%	0.192%
57	20.351	2915	2918	2922	rVB2	39770	51287	2.35%	0.239%
58	20.745	2981	2985	2991	rVB	114325	158059	7.23%	0.736%
59	20.910	3007	3013	3016	rBV2	82716	152697	6.98%	0.711%
60	20.963	3016	3022	3030	rVV5	207955	445757	20.38%	2.077%
61	21.033	3031	3034	3038	rVB2	94812	117695	5.38%	0.548%
62	21.251	3065	3071	3075	rBV3	758238	1461317	66.83%	6.807%
63	21.292	3075	3078	3088	rVB	436955	561008	25.65%	2.613%
64	21.410	3095	3098	3103	rVB	49932	70762	3.24%	0.330%
65	21.651	3136	3139	3145	rVB7	76040	96056	4.39%	0.447%
66	22.769	3326	3329	3335	rVB4	107646	153494	7.02%	0.715%
67	22.863	3339	3345	3351	rBV	356466	886186	40.52%	4.128%
68	23.363	3426	3430	3440	rVB	206729	398009	18.20%	1.854%
69	23.463	3441	3447	3455	rVB	308744	582195	26.62%	2.712%
70	23.563	3458	3464	3469	rBV2	357393	698701	31.95%	3.255%

Sum of corrected areas: 21466567

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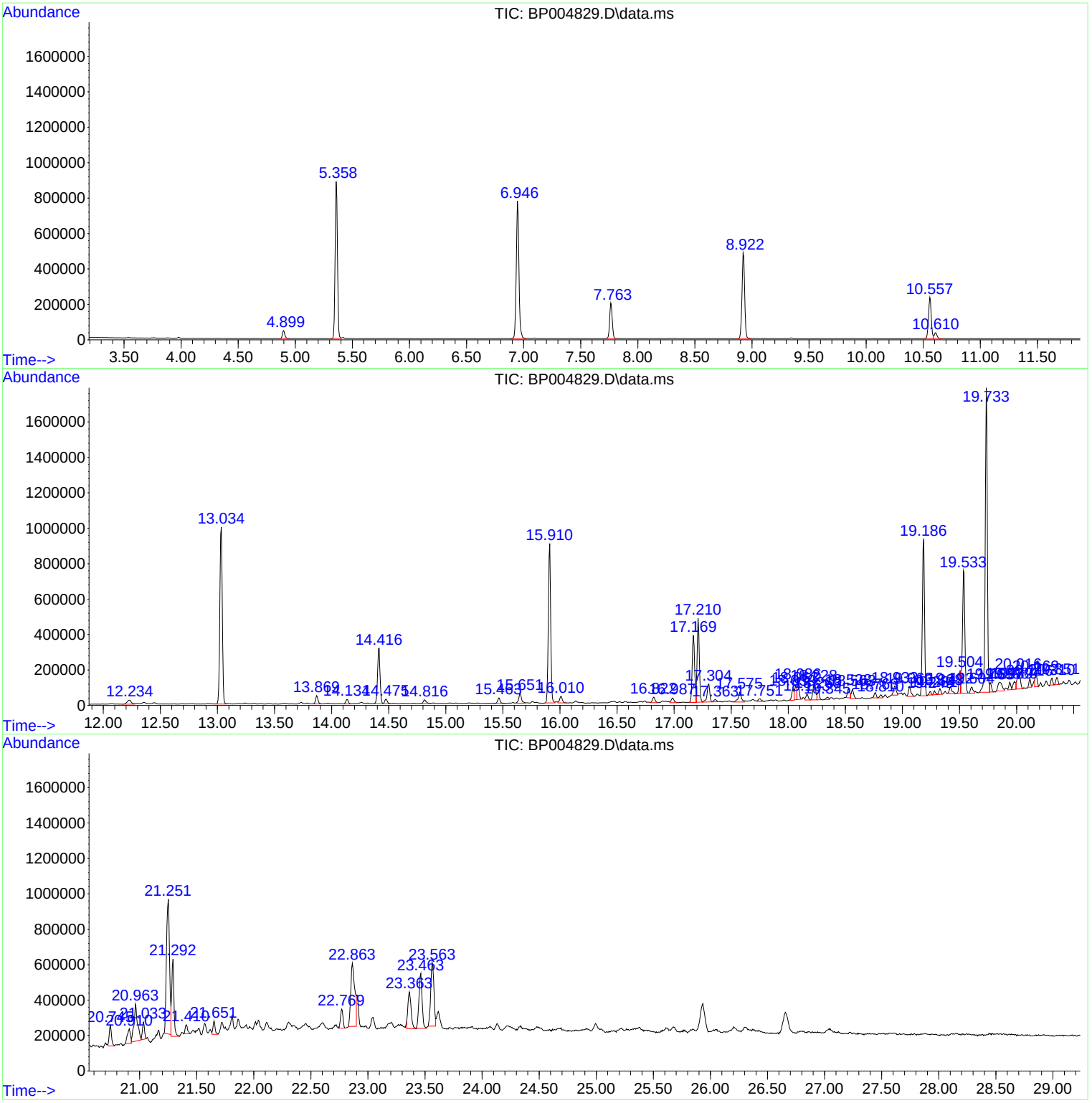
Acq On : 19 Feb 2021 19:14
Operator : CG/JU
Sample : M1439-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SP-142-150

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020521.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\BP021921\
Data File : BP004829.D
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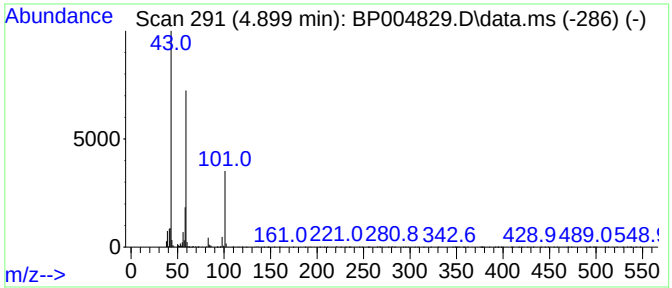
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

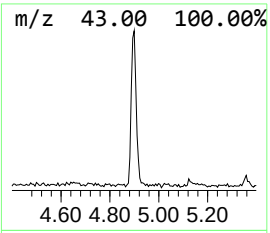
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

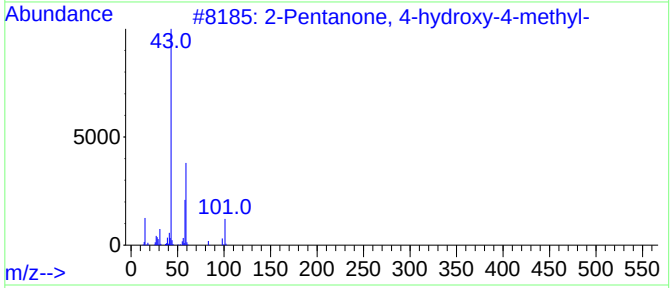
****
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

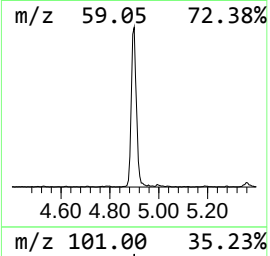
R.T.	EstConc	Area	Relative to ISTD	R.T.
4.899	4.24 ng	65051	1,4-Dichlorobenzene-d4	7.763

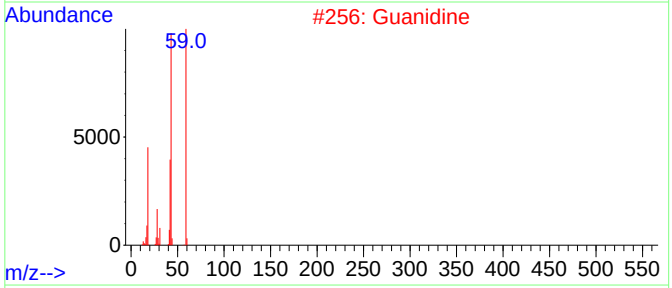
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Guanidine	59	CH5N3	000113-00-8	43
3	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	38
4	Hydrazine, 1,1-bis(1-methylethyl)-	116	C6H16N2	000921-14-2	38
5	Propane, 1,1-dipropoxy-	160	C9H20O2	004744-11-0	38

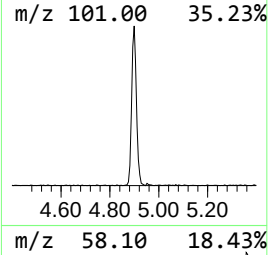


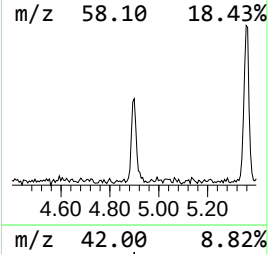


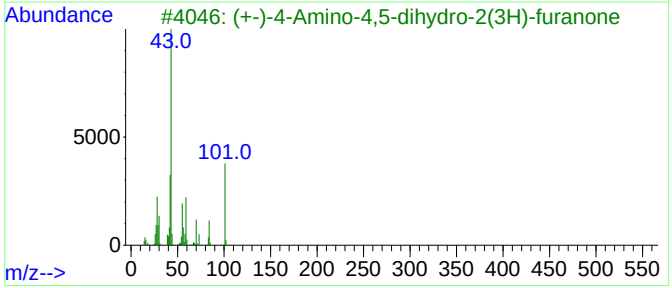


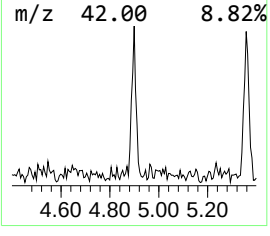












Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021921\
Data File : BP004829.D
Acq On : 19 Feb 2021 19:14
Operator : CG/JU
Sample : M1439-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SP-142-150

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

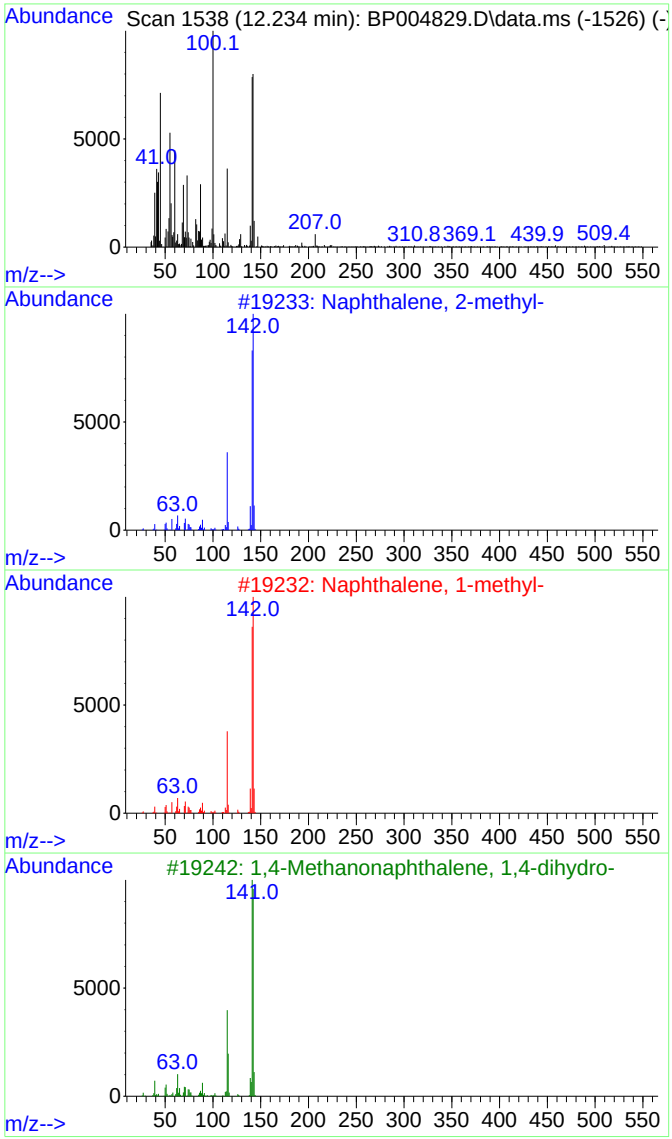
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

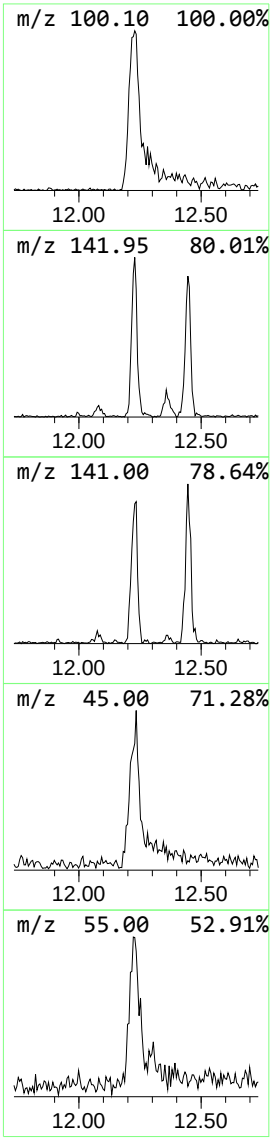
****

Peak Number 2 unknown12.234 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.234	3.23 ng	61909	Naphthalene-d8	10.557

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	41
2	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	41
3	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	38
4	.alpha.-[Di-n-butylaminomethyl]-...	460	C25H30Cl2N2O2	025840-34-0	11
5	Isopropylimidazole-2-thione	142	C6H10N2S	056659-00-8	11





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021921\
Data File : BP004829.D
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ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SP-142-150

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

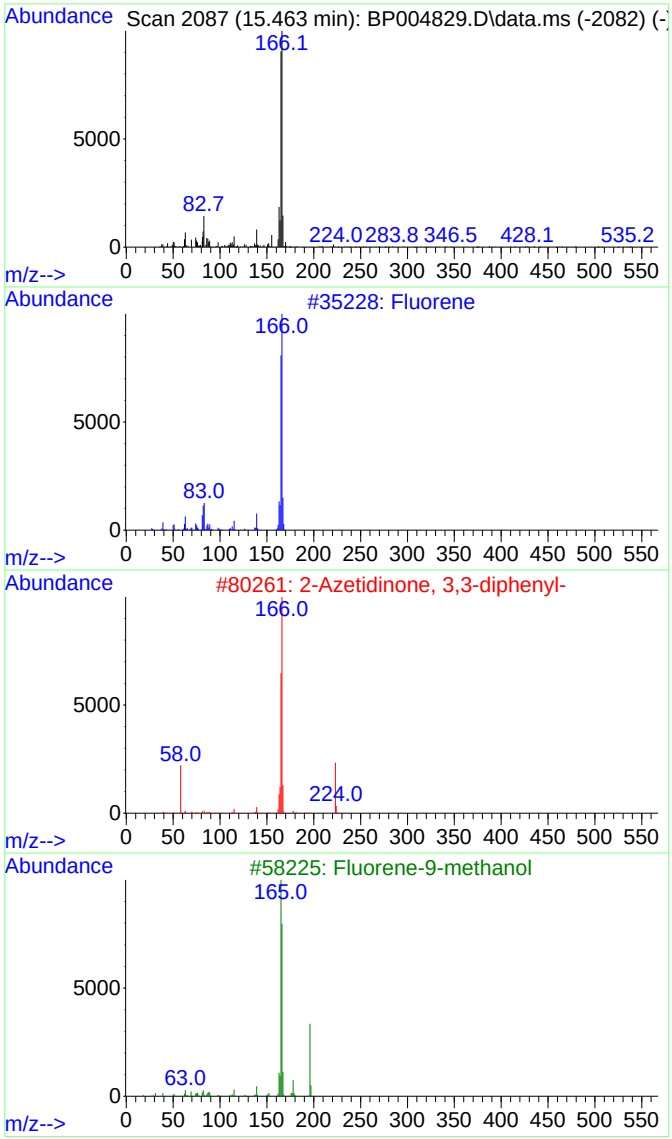
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

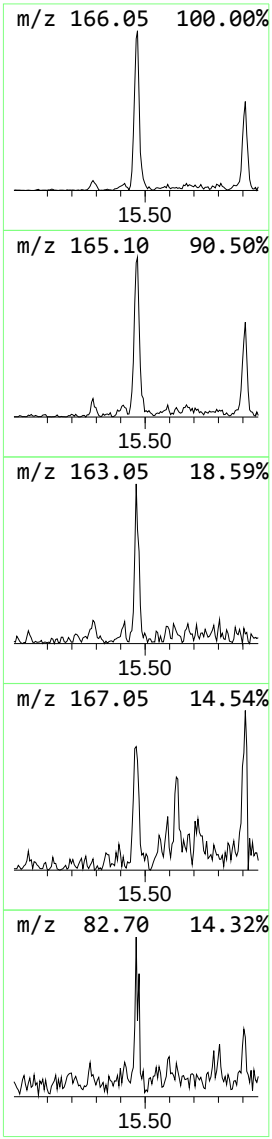
****

Peak Number 3 2-Azetidinone, 3,3-diphenyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.463	2.13 ng	50305	Acenaphthene-d10	14.416

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluorene	166	C13H10	000086-73-7	94
2	2-Azetidinone, 3,3-diphenyl-	223	C15H13NO	015826-12-7	83
3	Fluorene-9-methanol	196	C14H12O	024324-17-2	83
4	1,3-Benzodioxole-5-carboxylic acid	166	C8H6O4	000094-53-1	64
5	9H-Fluorene, 9-bromo-	244	C13H9Br	001940-57-4	46





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021921\
Data File : BP004829.D
Acq On : 19 Feb 2021 19:14
Operator : CG/JU
Sample : M1439-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SP-142-150

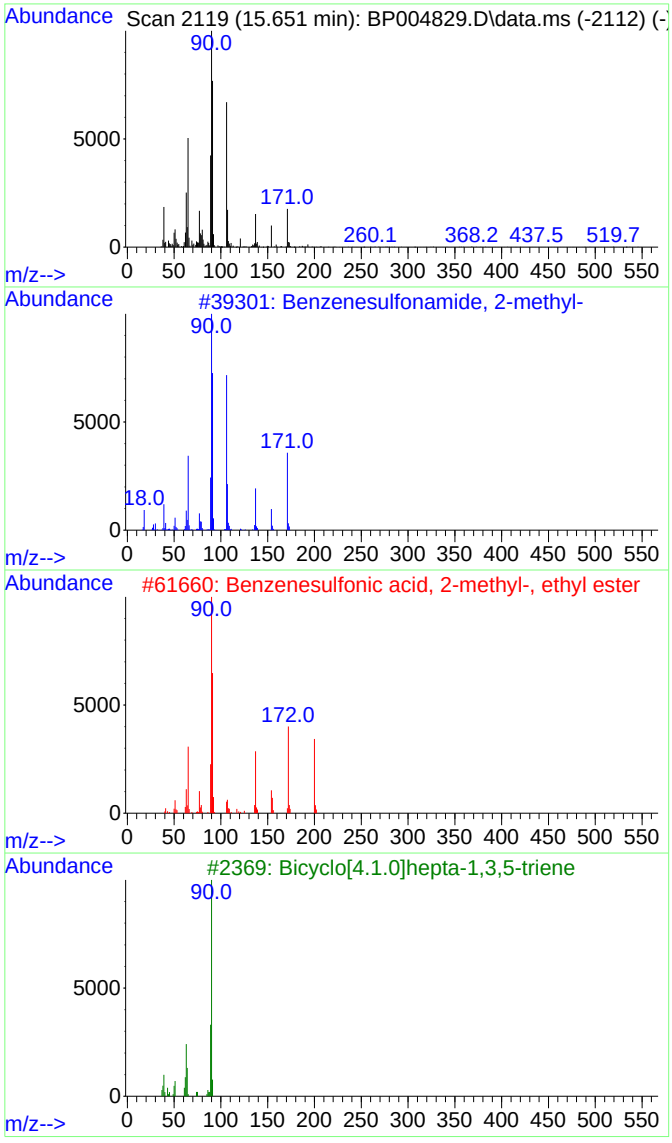
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

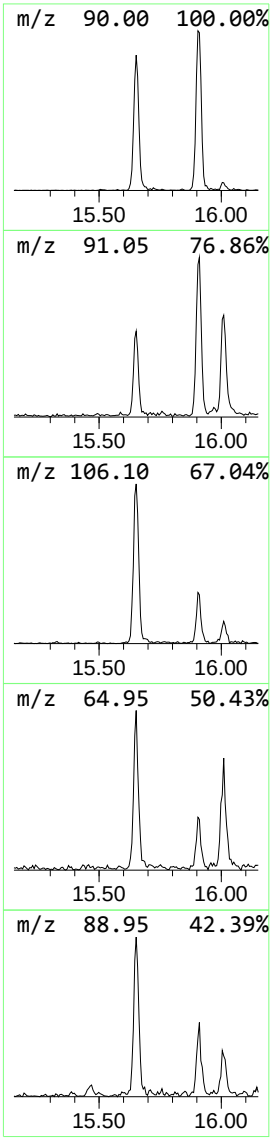
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Benzenesulfonamide, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.651	3.83 ng	90383	Acenaphthene-d10	14.416

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenesulfonamide, 2-methyl-	171	C7H9NO2S	000088-19-7	96
2	Benzenesulfonic acid, 2-methyl-,...	200	C9H12O3S	059222-96-7	56
3	Bicyclo[4.1.0]hepta-1,3,5-triene	90	C7H6	004646-69-9	43
4	2,4-Octadiyne	106	C8H10	002809-71-4	38
5	4-(2-Aminoethyl)benzenesulfonamide	200	C8H12N2O2S	035303-76-5	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021921\
Data File : BP004829.D
Acq On : 19 Feb 2021 19:14
Operator : CG/JU
Sample : M1439-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SP-142-150

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

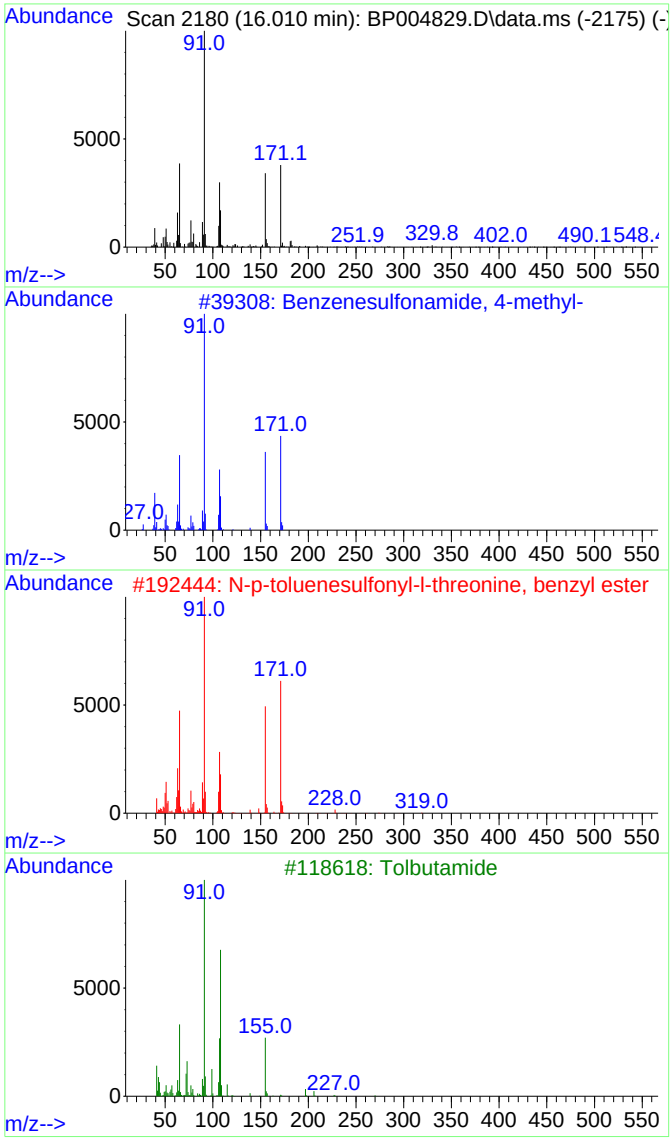
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

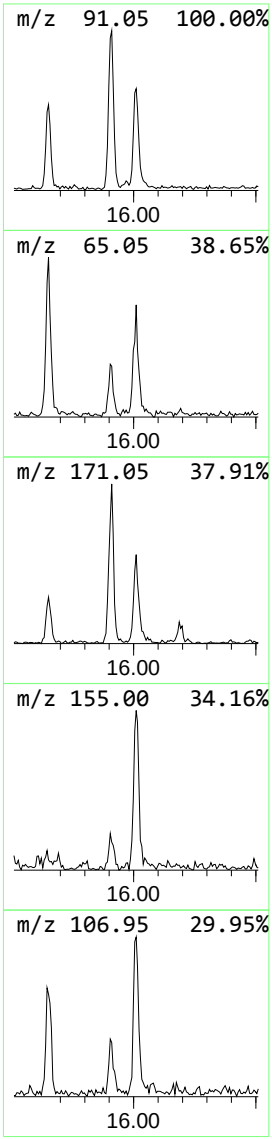
****

Peak Number 5 Benzenesulfonamide, 4-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.010	2.10 ng	60117	Phenanthrene-d10	17.169

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenesulfonamide, 4-methyl-	171	C7H9NO2S	000070-55-3	95
2	N-p-toluenesulfonyl-l-threonine,...	363	C18H21NO5S	1000130-34-4	83
3	Tolbutamide	270	C12H18N2O3S	000064-77-7	72
4	4-Toluenesulfonylmethyl isocyanide	195	C9H9NO2S	036635-61-7	59
5	O,N-Bis(p-toluenesulfonyl)tyrosine	489	C23H23NO7S2	013504-90-0	59





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021921\
Data File : BP004829.D
Acq On : 19 Feb 2021 19:14
Operator : CG/JU
Sample : M1439-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SP-142-150

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

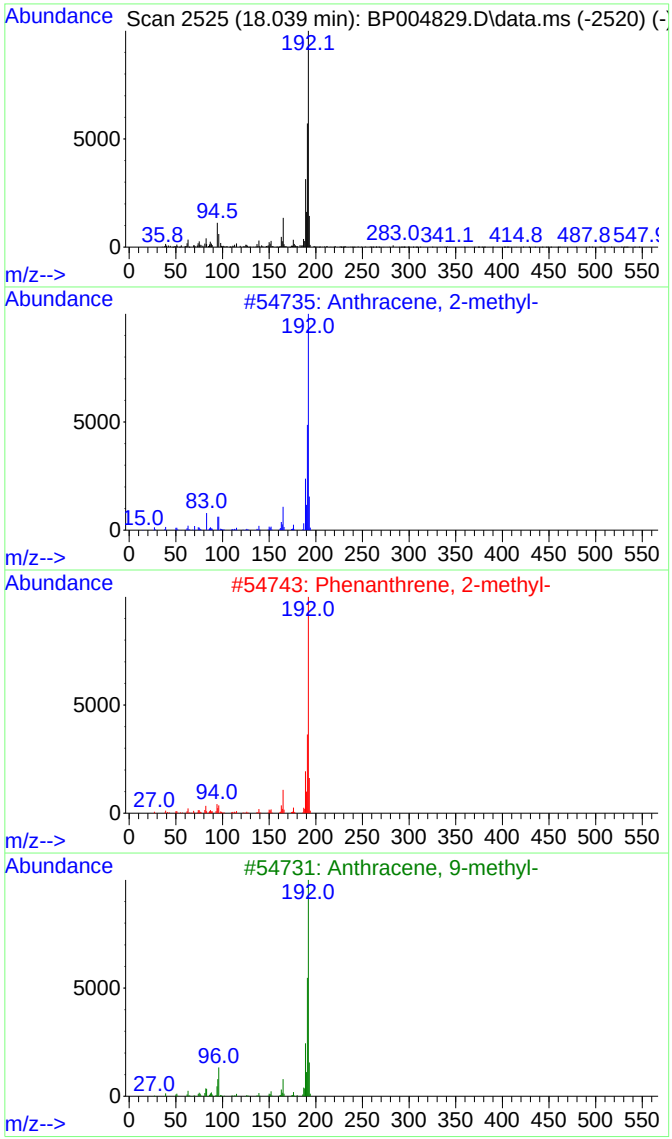
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

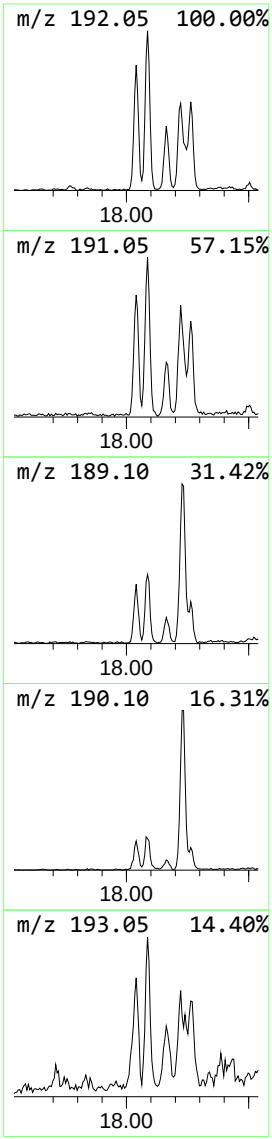
****

Peak Number 6 Anthracene, 2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.039	3.09 ng	88428	Phenanthrene-d10	17.169

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	94
4	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	93
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93





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Operator : CG/JU
Sample : M1439-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SP-142-150

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020521.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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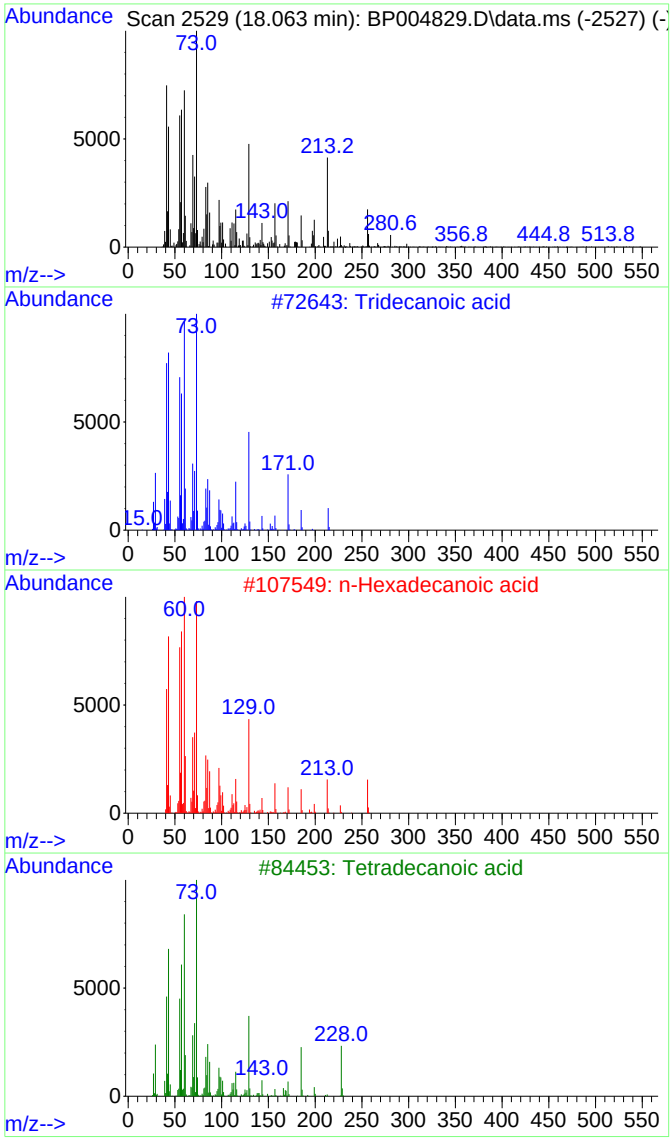
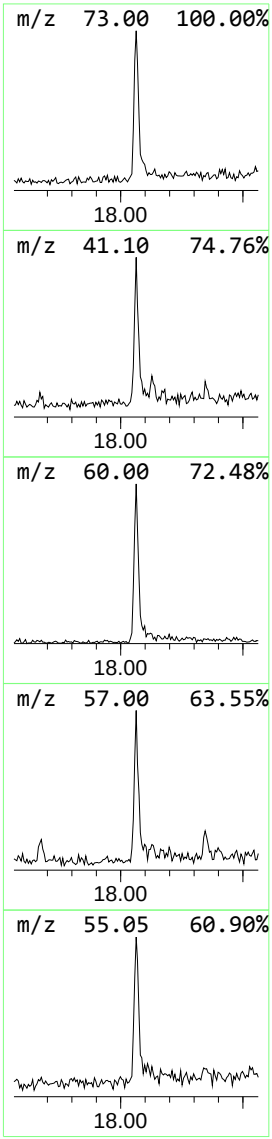
Peak Number 7 Tridecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.063	3.38 ng	96486	Phenanthrene-d10	17.169

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecanoic acid	214	C13H26O2	000638-53-9	95
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	91
4	n-Decanoic acid	172	C10H20O2	000334-48-5	62
5	l-(+)-Ascorbic acid 2,6-dihexade...	652	C38H68O8	028474-90-0	53





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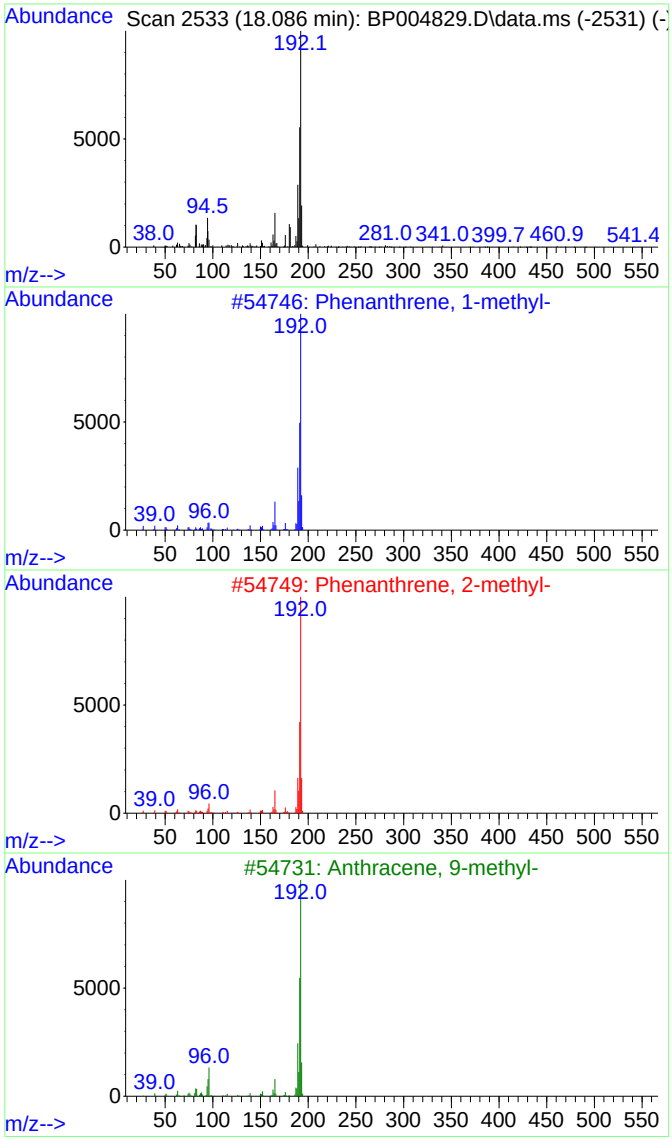
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

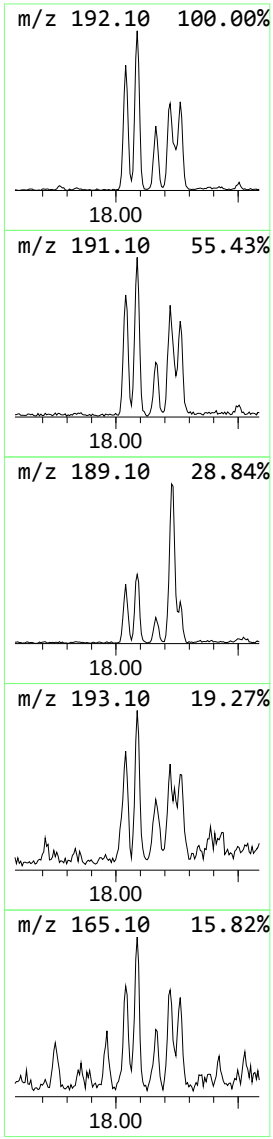
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Phenanthrene, 1-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.087	3.67 ng	104806	Phenanthrene-d10	17.169

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	92
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	86
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	70
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	70
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	70





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Instrument : BNA_P
ClientSampleId : SP-142-150

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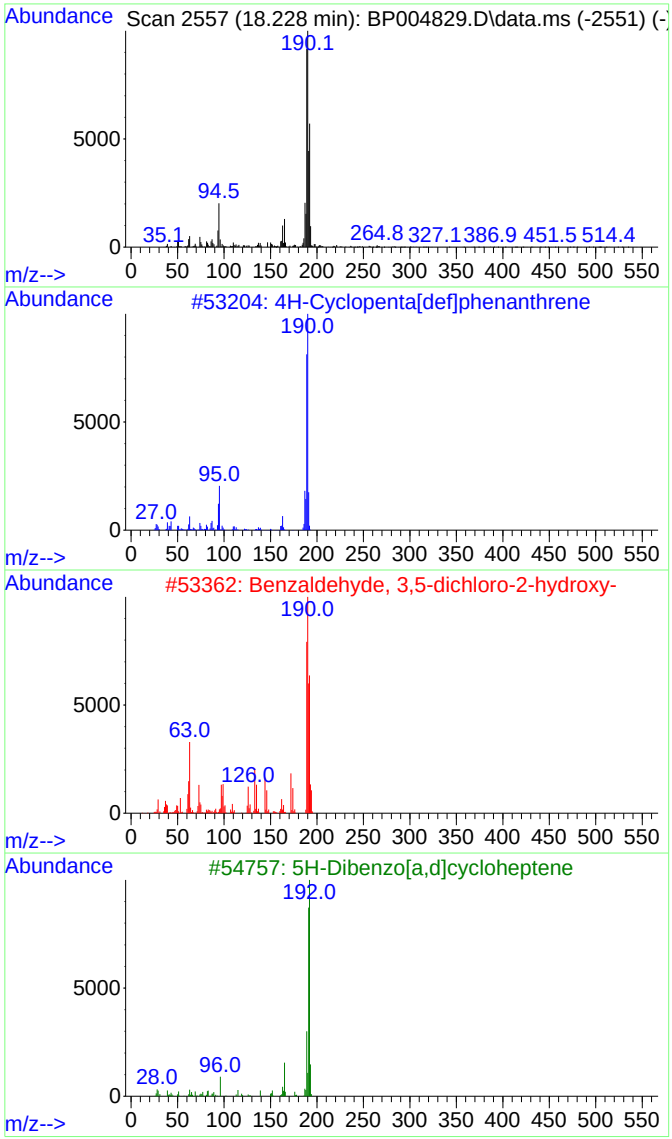
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

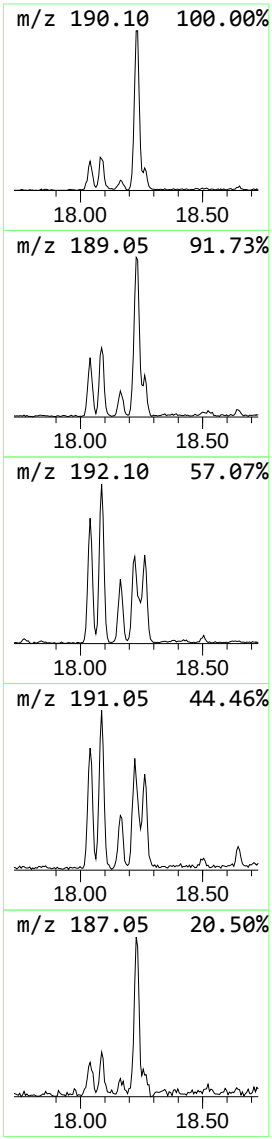
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 4H-Cyclopenta[def]phenanthrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.228	5.64 ng	161176	Phenanthrene-d10	17.169

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	90
2	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	50
3	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	25
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	25
5	Propyne, 1,3-diphenyl-	192	C15H12	004980-70-5	20





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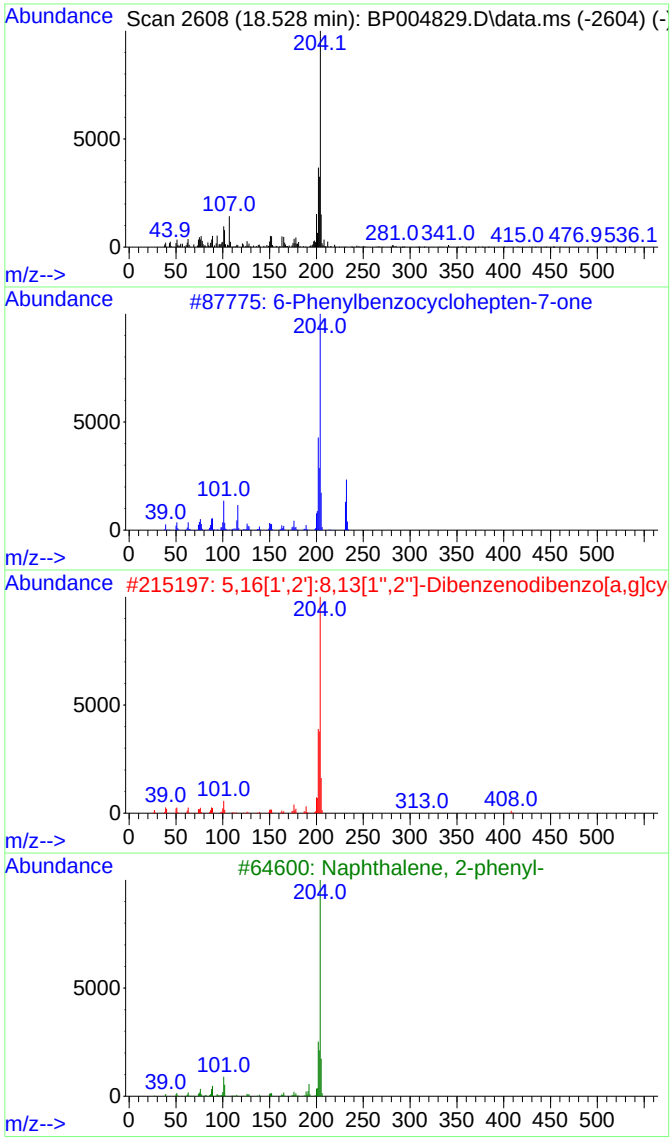
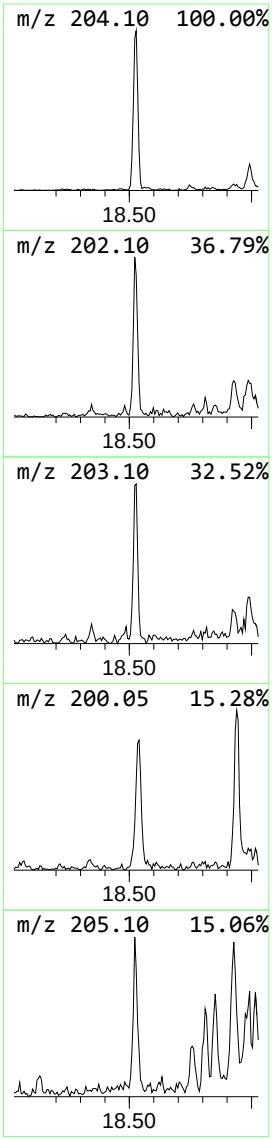
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 6-Phenylbenzocyclohepten-7-one Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.528	2.71 ng	77530	Phenanthrene-d10	17.169

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6-Phenylbenzocyclohepten-7-one	232	C17H12O	093327-56-1	80
2	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	80
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	70
4	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	58
5	6-Cyanophenanthridine	204	C14H8N2	002176-28-5	55





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ClientSampleId : SP-142-150

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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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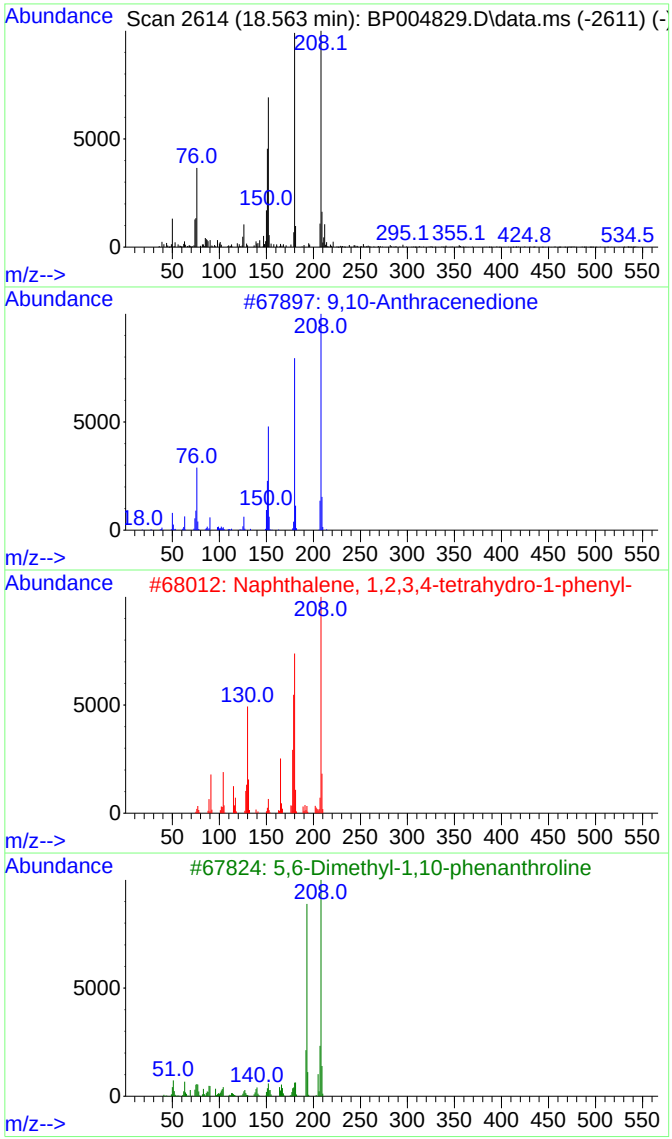
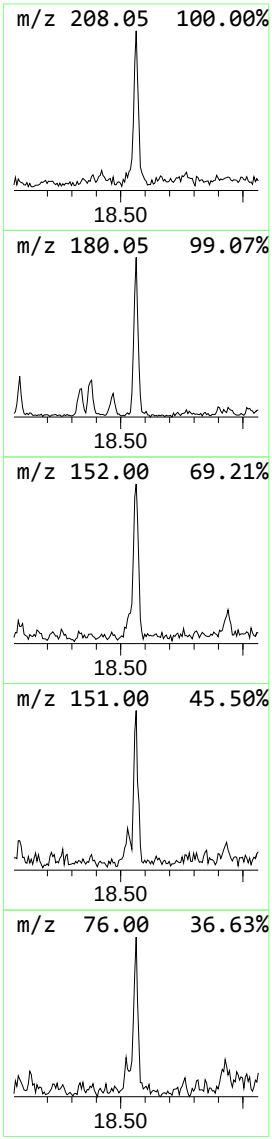
Peak Number 11 9,10-Anthracenedione Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.563	2.48 ng	70886	Phenanthrene-d10	17.169

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	87
2	Naphthalene, 1,2,3,4-tetrahydro-...	208	C16H16	003018-20-0	49
3	5,6-Dimethyl-1,10-phenanthroline	208	C14H12N2	003002-81-1	47
4	1H-Phenalen-1-one	180	C13H8O	000548-39-0	46
5	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	43





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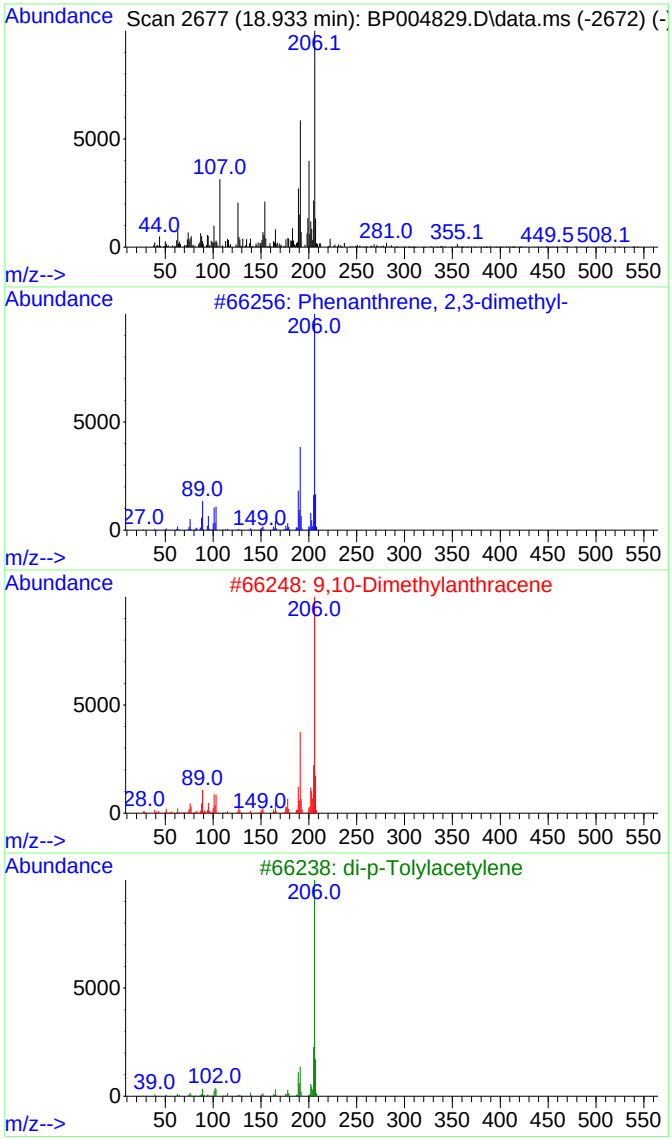
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

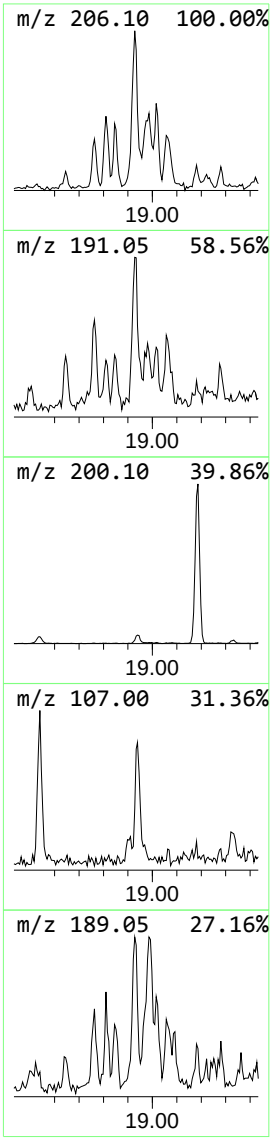
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Phenanthrene, 2,3-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.933	2.92 ng	83417	Phenanthrene-d10	17.169

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	70
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	70
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	70
4	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	60
5	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	55





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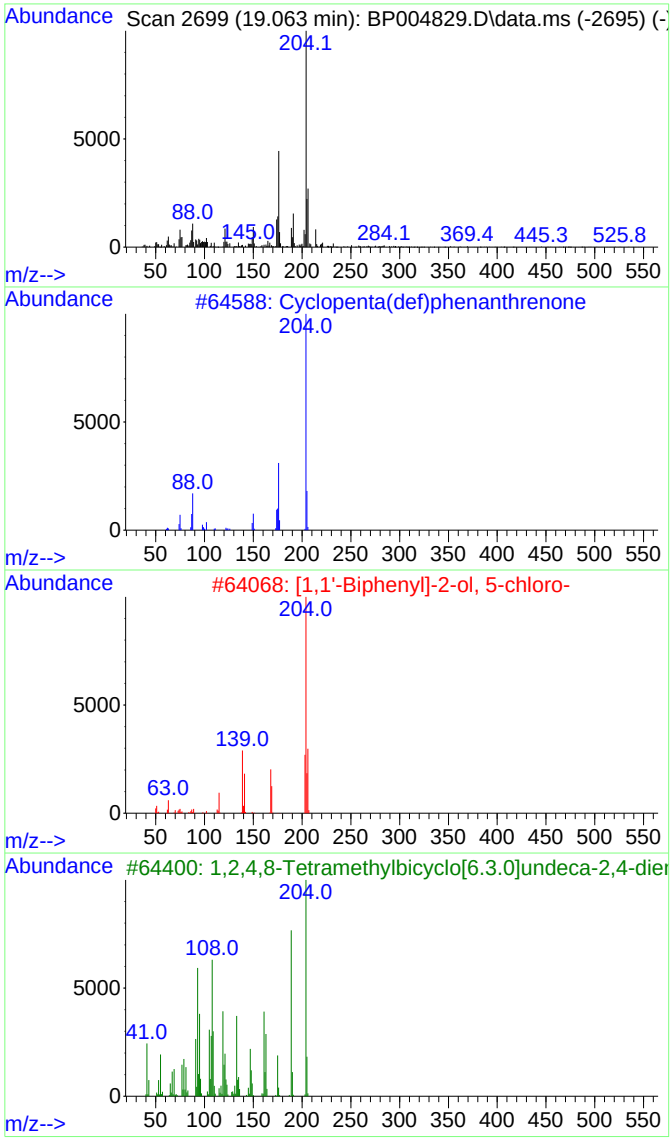
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

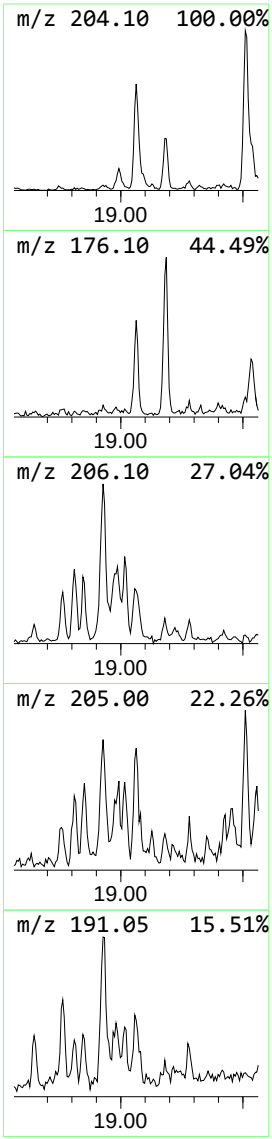
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Cyclopenta(def)phenanthrenone Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.063	2.81 ng	80386	Phenanthrene-d10	17.169

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	90
2	[1,1'-Biphenyl]-2-ol, 5-chloro-	204	C12H9ClO	000607-12-5	43
3	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	43
4	5H-Dibenzo[a,d]cycloheptene, 5-m...	204	C16H12	002975-79-3	43
5	[1,1'-Biphenyl]-4-ol, 4'-chloro-	204	C12H9ClO	028034-99-3	38





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ALS Vial : 16 Sample Multiplier: 1

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ClientSampleId :
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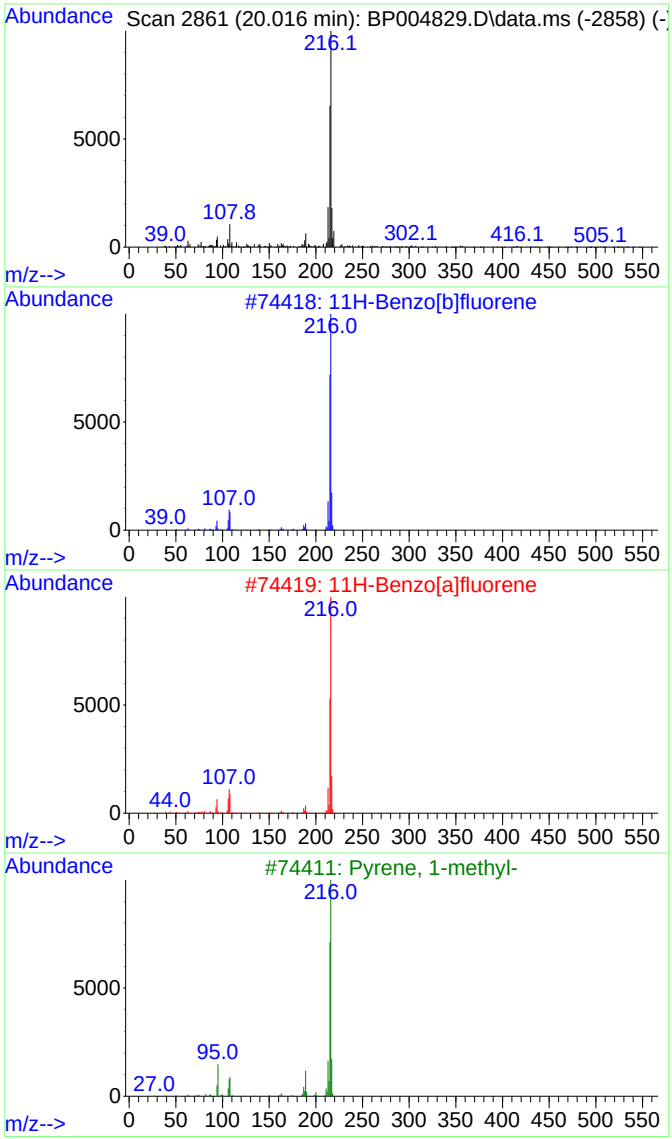
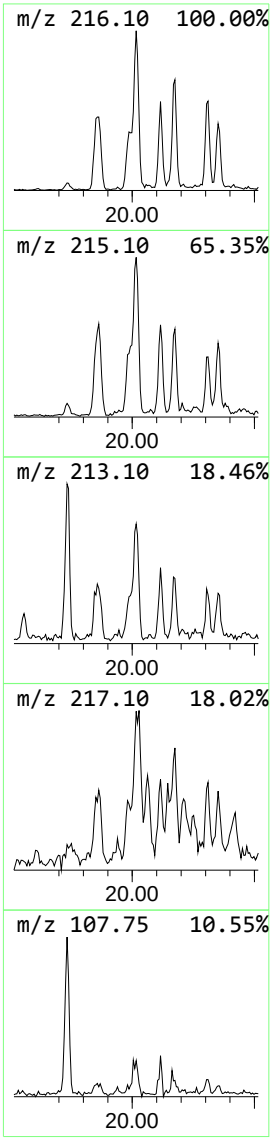
****

Peak Number 14 11H-Benzo[b]fluorene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.016	2.34 ng	170621	Chrysene-d12	21.257

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	86
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	83
5	Pyrene, 4-methyl-	216	C17H12	003353-12-6	72





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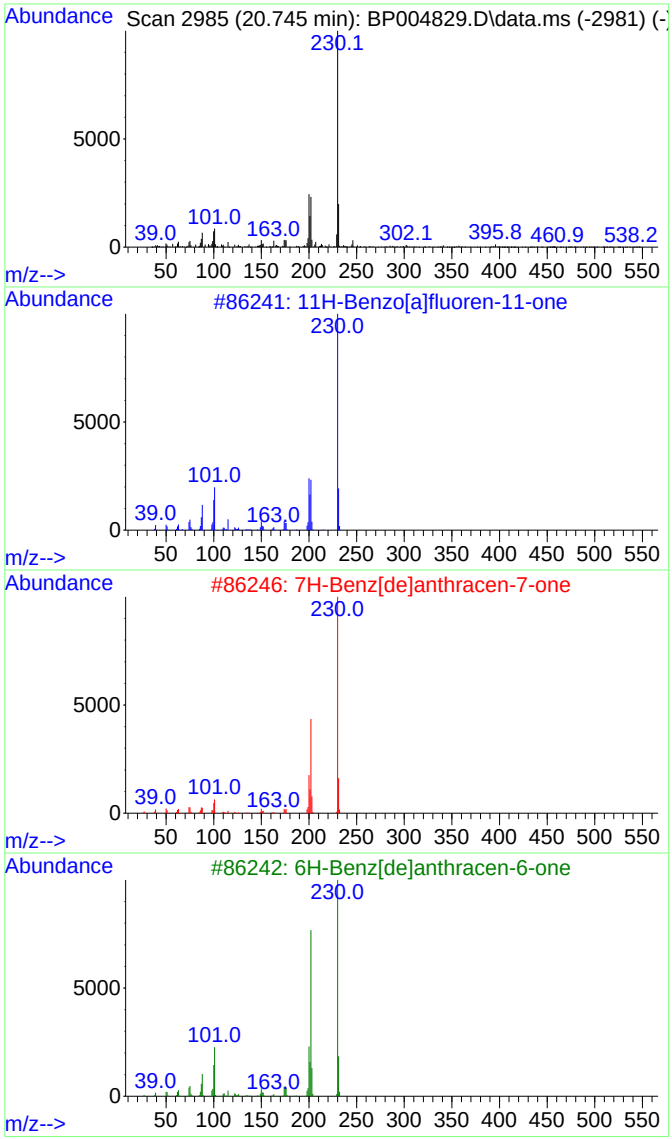
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

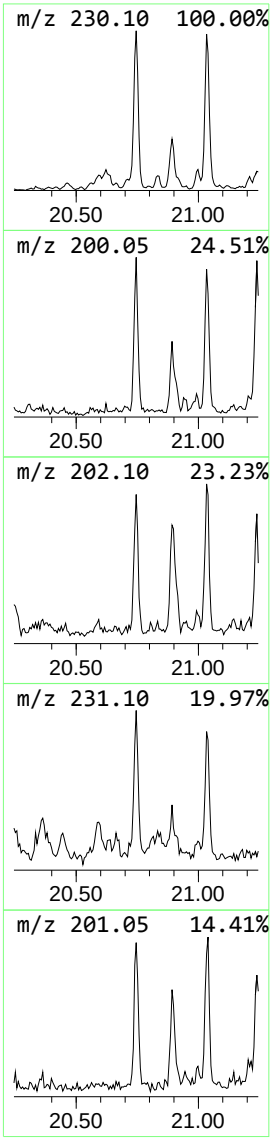
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 11H-Benzo[a]fluoren-11-one Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.745	2.16 ng	158059	Chrysene-d12	21.257

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	93
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	81
3	6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	72
4	4-Pyrenecarbaldehyde	230	C17H10O	022245-51-8	64
5	1-Pyrenecarboxaldehyde	230	C17H10O	003029-19-4	56





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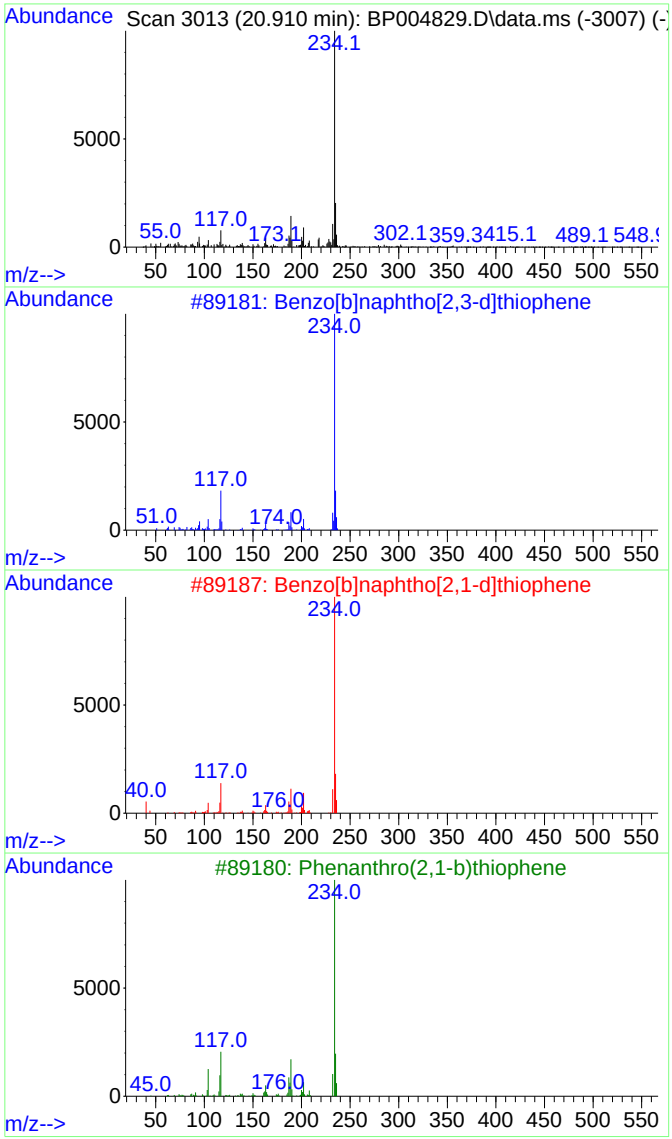
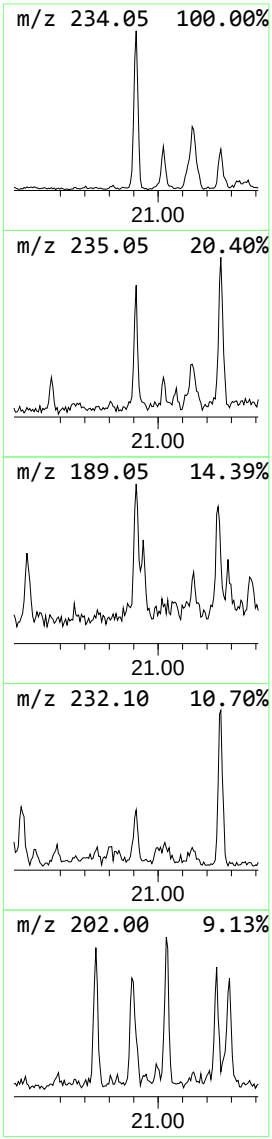
****
Peak Number 16 Benzo[b]naphtho[2,3-d]thiop... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.910	2.09 ng	152697	Chrysene-d12	21.257

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	95
2	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	95
3	Phenanthro(2,1-b)thiophene	234	C16H10S	000219-25-0	94
4	Anthra(1,2-b)thiophene	234	C16H10S	000227-86-1	93
5	Anthra(2,3-b)thiophene	234	C16H10S	022108-55-0	93





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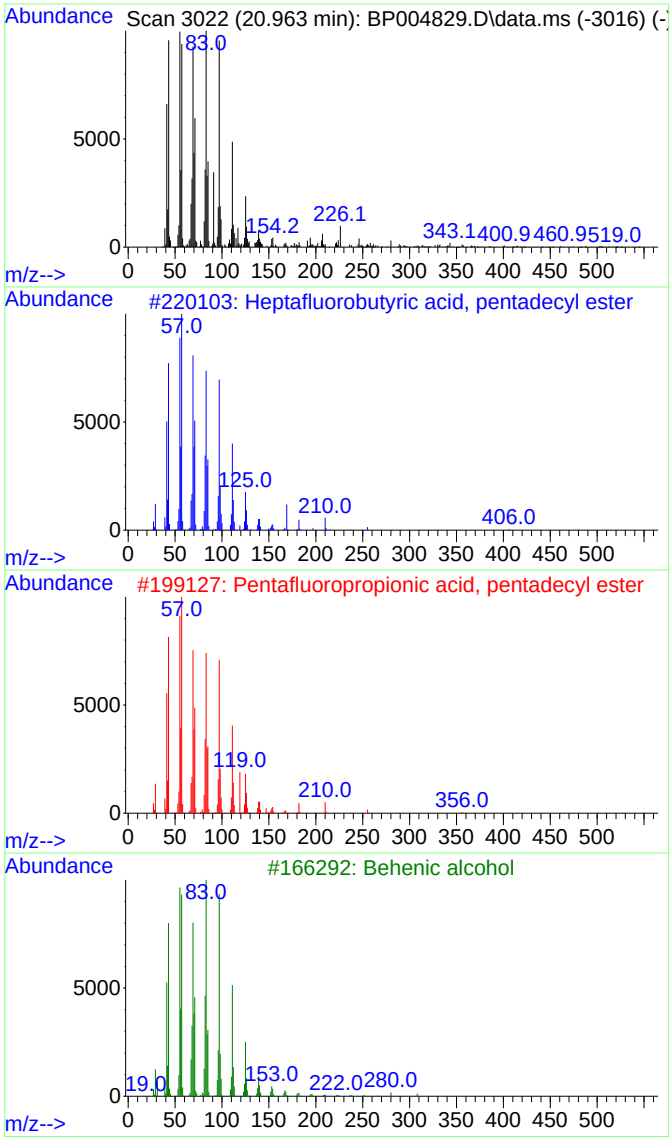
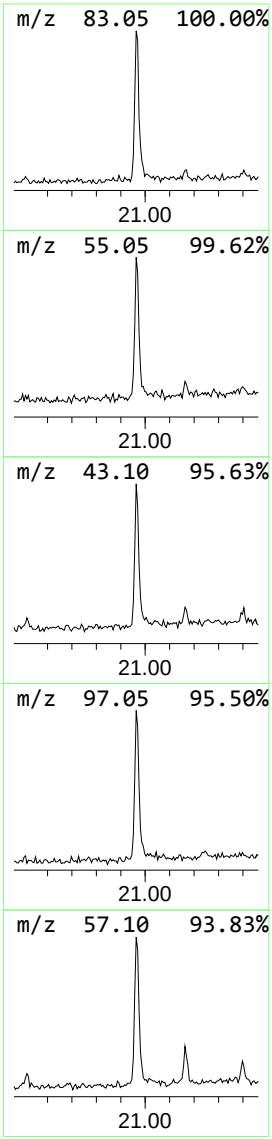
****
Peak Number 17 Heptafluorobutyric acid, pe... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.963	6.10 ng	445757	Chrysene-d12	21.257

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	94
2	Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	94
3	Behenic alcohol	326	C22H46O	000661-19-8	93
4	Nonadecyl trifluoroacetate	380	C21H39F3O2	1000351-76-3	91
5	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	91





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Acq On : 19 Feb 2021 19:14
Operator : CG/JU
Sample : M1439-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SP-142-150

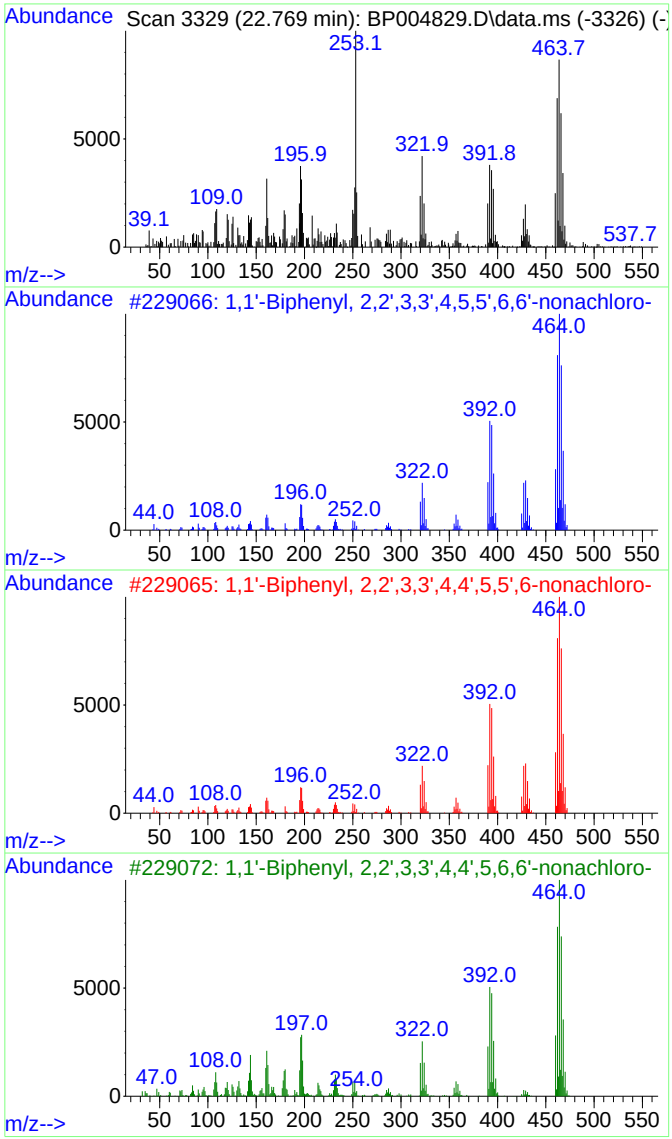
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

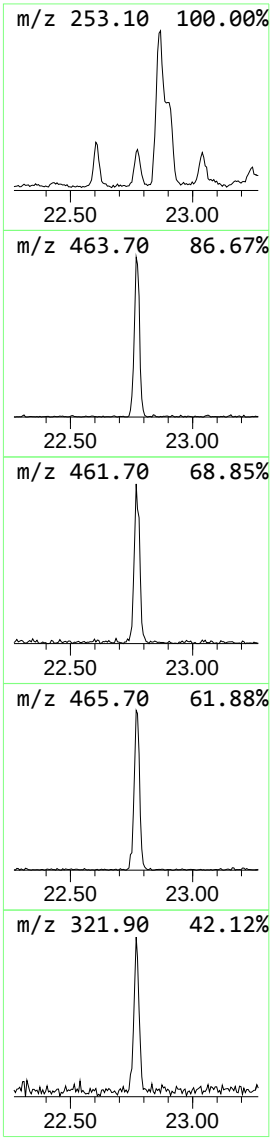
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 1,1'-Biphenyl, 2,2',3,3',4,... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.769	4.39 ng	153494	Perylene-d12	23.563

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,3',4,5,5',...	460	C12HCl9	052663-77-1	99
2	1,1'-Biphenyl, 2,2',3,3',4,4',5,...	460	C12HCl9	040186-72-9	99
3	1,1'-Biphenyl, 2,2',3,3',4,4',5,...	460	C12HCl9	052663-79-3	93
4	2,7-Bis-nonyloxy-fluoren-9-one	464	C31H44O3	303735-03-7	9
5	Pentaphenylphosphole	464	C34H25P	001181-62-0	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021921\
Data File : BP004829.D
Acq On : 19 Feb 2021 19:14
Operator : CG/JU
Sample : M1439-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SP-142-150

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

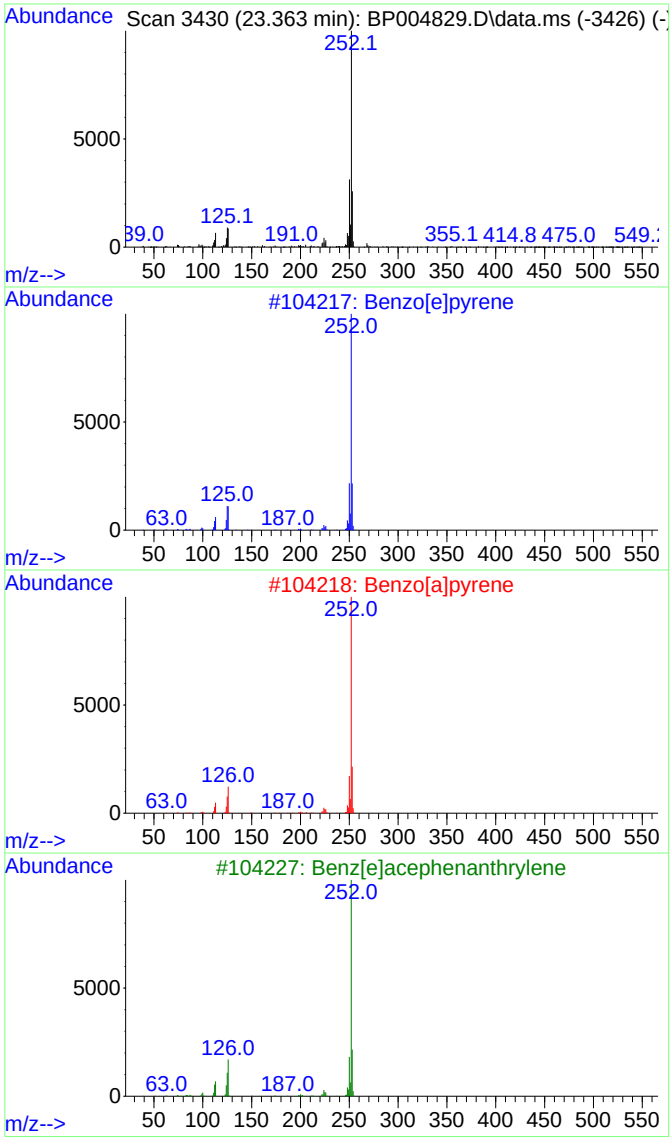
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

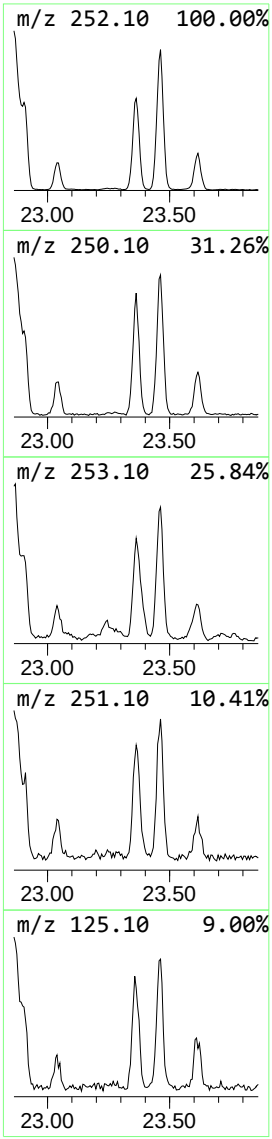
****

Peak Number 19 Benzo[e]pyrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.363	11.39 ng	398009	Perylene-d12	23.563

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	90
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	90
4	Perylene	252	C20H12	000198-55-0	89
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	76





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021921\
Data File : BP004829.D
Acq On : 19 Feb 2021 19:14
Operator : CG/JU
Sample : M1439-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SP-142-150

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020521.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
2-Pentanone, 4-...	4.899	4.2	ng	65051	1	7.763	307156	20.0
unknown12.234	12.234	3.2	ng	61909	2	10.557	383283	20.0
2-Azetidinone, ...	15.463	2.1	ng	50305	3	14.416	471574	20.0
Benzenesulfonam...	15.651	3.8	ng	90383	3	14.416	471574	20.0
Benzenesulfonam...	16.010	2.1	ng	60117	4	17.169	571740	20.0
Anthracene, 2-m...	18.039	3.1	ng	88428	4	17.169	571740	20.0
Tridecanoic acid	18.063	3.4	ng	96486	4	17.169	571740	20.0
Phenanthrene, 1...	18.087	3.7	ng	104806	4	17.169	571740	20.0
4H-Cyclopenta[d...	18.228	5.6	ng	161176	4	17.169	571740	20.0
6-Phenylbenzocy...	18.528	2.7	ng	77530	4	17.169	571740	20.0
9,10-Anthracene...	18.563	2.5	ng	70886	4	17.169	571740	20.0
Phenanthrene, 2...	18.933	2.9	ng	83417	4	17.169	571740	20.0
Cyclopenta(def)...	19.063	2.8	ng	80386	4	17.169	571740	20.0
11H-Benzo[b]flu...	20.016	2.3	ng	170621	5	21.257	1461320	20.0
11H-Benzo[a]flu...	20.745	2.2	ng	158059	5	21.257	1461320	20.0
Benzo[b]naphtho...	20.910	2.1	ng	152697	5	21.257	1461320	20.0
Heptafluorobuty...	20.963	6.1	ng	445757	5	21.257	1461320	20.0
1,1'-Biphenyl, ...	22.769	4.4	ng	153494	6	23.563	698701	20.0
Benzo[e]pyrene	23.363	11.4	ng	398009	6	23.563	698701	20.0