LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060221\
Data File : BP005676.D
Acq On : 02 Jun 2021 21:12
Operator : CG/JU
Sample : M2573-01 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : OR-02-060121

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: BP005676.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.117	3	5	11	rVB	486379	579819	4.42%	0.419%
2	5.552	412	419	427	rBV	987388	1443221	10.99%	1.042%
3	7.152	683	691	699	rBV	941437	1489461	11.35%	1.076%
4	7.993	826	834	842	rBV	1250992	1979483	15.08%	1.430%
5	9.152	1025	1031	1041	rVB	535848	879668	6.70%	0.635%
6	10.575	1268	1273	1284	rBV	86905	161825	1.23%	0.117%
7	10.799	1301	1311	1316	rBV	1562083	2661711	20.28%	1.923%
8	10.852	1316	1320	1327	rVB	663937	1107297	8.44%	0.800%
9	12.451	1584	1592	1598	rVB	574911	901213	6.87%	0.651%
10	12.669	1619	1629	1639	rVB	524686	870227	6.63%	0.629%
11	13.240	1720	1726	1734	rBV	1528382	2181859	16.62%	1.576%
12	13.451	1756	1762	1768	rVB2	149555	252167	1.92%	0.182%
13	13.793	1811	1820	1827	rBV3	252915	674587	5.14%	0.487%
14	13.940	1838	1845	1850	rBV	468132	830970	6.33%	0.600%
15	13.993	1850	1854	1860	rVB	306343	429948	3.28%	0.311%
16	14.175	1876	1885	1888	rBV	225753	373778	2.85%	0.270%
17	14.340	1905	1913	1919	rBV	782541	1223914	9.32%	0.884%
18	14.616	1950	1960	1965	rBV	2061342	3277050	24.96%	2.367%
19	14.675	1965	1970	1978	rVV	962069	1456119	11.09%	1.052%
20	14.822	1990	1995	2003	rVB2	84126	210466	1.60%	0.152%
21	15.010	2021	2027	2034	rVB	1067865	1561918	11.90%	1.128%
22	15.087	2034	2040	2045	rVB	182217	262311	2.00%	0.189%
23	15.228	2057	2064	2069	rBV3	171883	343111	2.61%	0.248%
24	15.281	2069	2073	2077	rVB	131827	174332	1.33%	0.126%
25	15.398	2085	2093	2096	rBV3	121355	263288	2.01%	0.190%
26	15.481	2103	2107	2112	rVB	91334	142411	1.08%	0.103%
27	15.657	2131	2137	2149	rVB2	1971356	2992793	22.80%	2.162%
28	15.781	2155	2158	2161	rVV3	129278	175520	1.34%	0.127%
29	15.822	2161	2165	2169	rVB3	158041	216886	1.65%	0.157%
30	15.869	2169	2173	2176	rBV3	105246	148503	1.13%	0.107%
31	15.951	2182	2187	2198	rVB	376714	585667	4.46%	0.423%
32	16.098	2203	2212	2219	rBV2	1477904	2369137	18.05%	1.711%
33	16.334	2246	2252	2258	rVB5	159488	302670	2.31%	0.219%
34	16.663	2300	2308	2312	rBV2	370531	669334	5.10%	0.483%
35	16.710	2312	2316	2322	rVB	205787	294241	2.24%	0.213%
36	16.810	2329	2333	2339	rVB	202061	277128	2.11%	0.200%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060221\
Data File : BP005676.D
Acq On : 02 Jun 2021 21:12
Operator : CG/JU
Sample : M2573-01 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : OR-02-060121

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	16.892	2339	2347	2350	rBV3	156963	308986	2.35%	0.223%
38	16.928	2350	2353	2357	rVB2	139424	188813	1.44%	0.136%
39	17.016	2364	2368	2374	rVB4	111859	194306	1.48%	0.140%
40	17.087	2376	2380	2387	rVV3	186879	389091	2.96%	0.281%
41	17.175	2390	2395	2405	rVB	657575	1012719	7.71%	0.732%
42	17.357	2420	2426	2429	rBV	2123505	3161054	24.08%	2.283%
43	17.404	2429	2434	2440	rVV	8782237	12623597	96.16%	9.119%
44	17.492	2440	2449	2454	rVV	2675551	3749109	28.56%	2.708%
45	17.545	2454	2458	2464	rVV3	236982	419238	3.19%	0.303%
46	17.757	2489	2494	2499	rBV	631106	814583	6.21%	0.588%
47	17.875	2511	2514	2517	rVB	128596	137796	1.05%	0.100%
48	17.934	2521	2524	2532	rVB2	232881	351181	2.68%	0.254%
49	18.075	2544	2548	2556	rVB	173959	317548	2.42%	0.229%
50	18.222	2568	2573	2576	rBV	1051744	1412605	10.76%	1.020%
51	18.263	2576	2580	2587	rVB	1413997	2046353	15.59%	1.478%
52	18.345	2589	2594	2599	rBV	670332	915970	6.98%	0.662%
53	18.410	2599	2605	2609	rBV3	1931193	3335291	25.41%	2.409%
54	18.439	2609	2610	2615	rVB	662290	632011	4.81%	0.457%
55	18.698	2650	2654	2658	rBV	717491	871546	6.64%	0.630%
56	18.739	2658	2661	2666	rVB2	251835	347801	2.65%	0.251%
57	18.933	2692	2694	2698	rVB	166868	172889	1.32%	0.125%
58	18.986	2700	2703	2705	rVV	246700	282890	2.15%	0.204%
59	19.022	2706	2709	2713	rVB2	241735	291748	2.22%	0.211%
60	19.098	2718	2722	2727	rBV	568121	1007579	7.68%	0.728%
61	19.233	2742	2745	2753	rBV2	270634	584386	4.45%	0.422%
62	19.357	2761	2766	2772	rBV	9559925	13127151	100.00%	9.482%
63	19.451	2779	2782	2786	rVB	255270	283591	2.16%	0.205%
64	19.504	2786	2791	2794	rBV	506549	734127	5.59%	0.530%
65	19.592	2803	2806	2809	rBV	298421	321372	2.45%	0.232%
66	19.680	2816	2821	2822	rBV	1437091	1932062	14.72%	1.396%
67	19.710	2822	2826	2833	rVV	7818522	10884762	82.92%	7.862%
68	19.775	2834	2837	2844	rVB3	435382	658224	5.01%	0.475%
69	19.898	2851	2858	2862	rBV2	2038613	2914329	22.20%	2.105%
70	19.939	2862	2865	2870	rVB	319690	451717	3.44%	0.326%
71	20.016	2874	2878	2879	rBV	524535	647240	4.93%	0.468%
72	20.186	2903	2907	2912	rVB	1824399	2398865	18.27%	1.733%
73	20.286	2920	2924	2927	rBV	1480146	1850309	14.10%	1.337%
74	20.339	2931	2933	2937	rVB	679766	808052	6.16%	0.584%
75	20.480	2954	2957	2960	rBV	353717	443940	3.38%	0.321%
76	20.522	2962	2964	2968	rVB	375690	422077	3.22%	0.305%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060221\
Data File : BP005676.D
Acq On : 02 Jun 2021 21:12
Operator : CG/JU
Sample : M2573-01 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : OR-02-060121

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

77	21.080	3056	3059	3062	rBV	586184	715058	5.45%	0.517%
78	21.116	3062	3065	3068	rVV2	658651	770543	5.87%	0.557%
79	21.416	3111	3116	3121	rBV2	5156685	9991217	76.11%	7.217%
80	21.463	3121	3124	3135	rVB	3497313	5024990	38.28%	3.630%
81	23.133	3402	3408	3413	rBV	2422981	6084938	46.35%	4.395%
82	23.769	3511	3516	3525	rVB	2812373	5591913	42.60%	4.039%
83	23.880	3530	3535	3540	rVB	1679525	3049394	23.23%	2.203%

Sum of corrected areas: 138438994

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060221\
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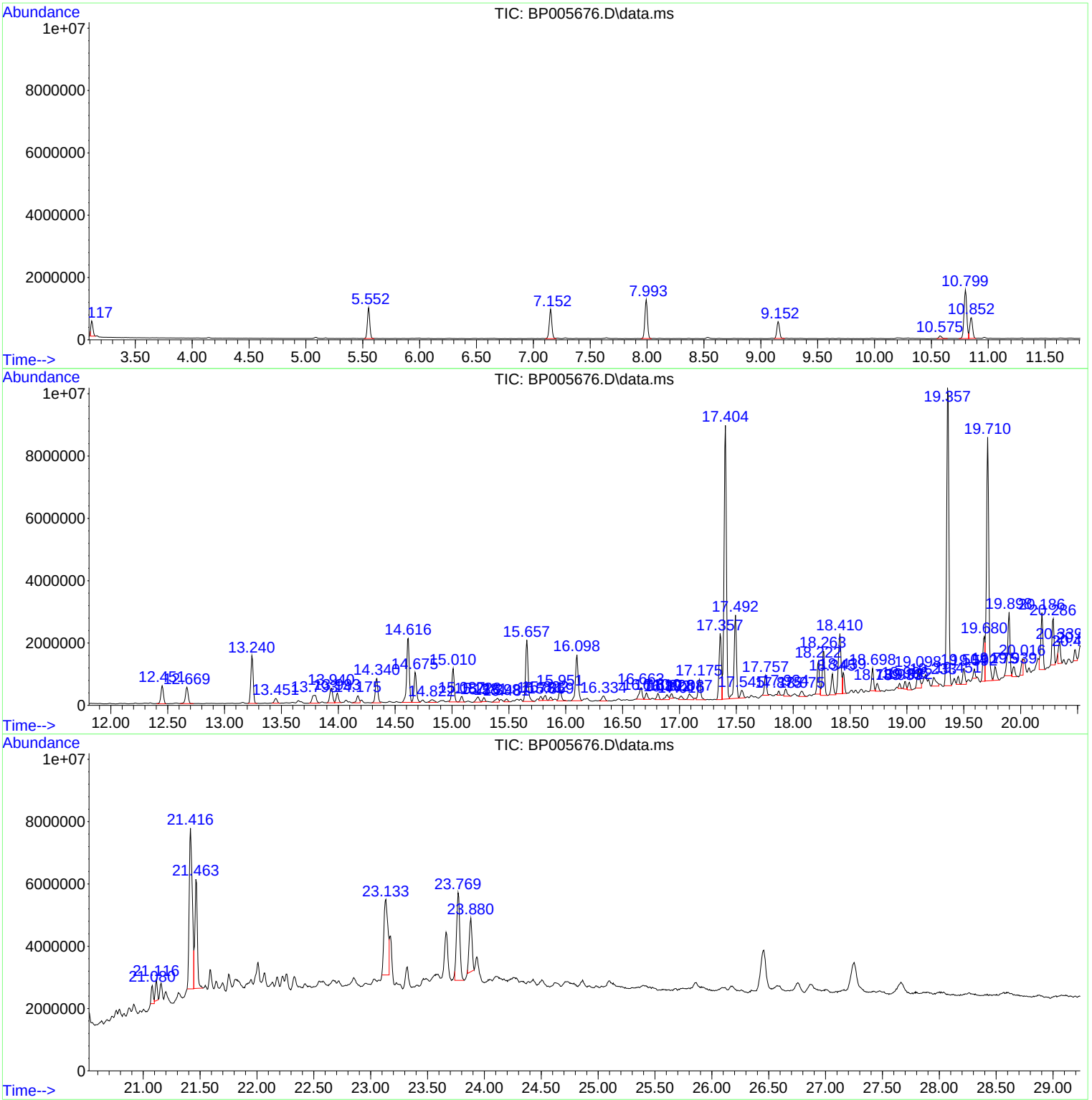
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OR-02-060121

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 : BP005676.D
Acq On : 02 Jun 2021 21:12
Operator : CG/JU
Sample : M2573-01 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OR-02-060121

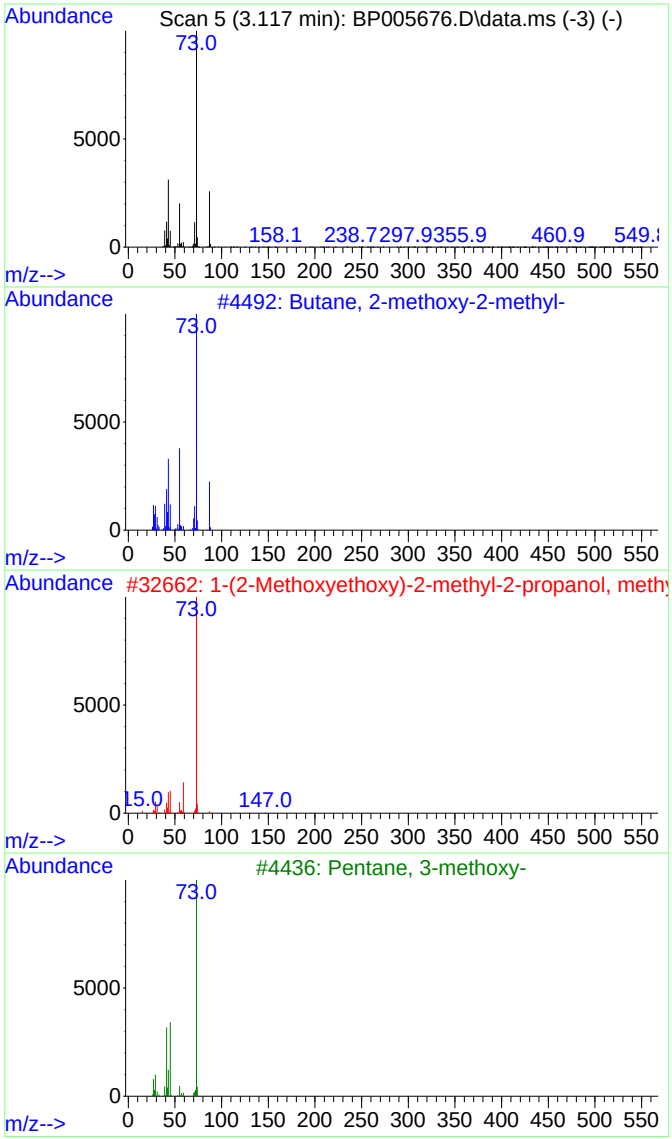
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

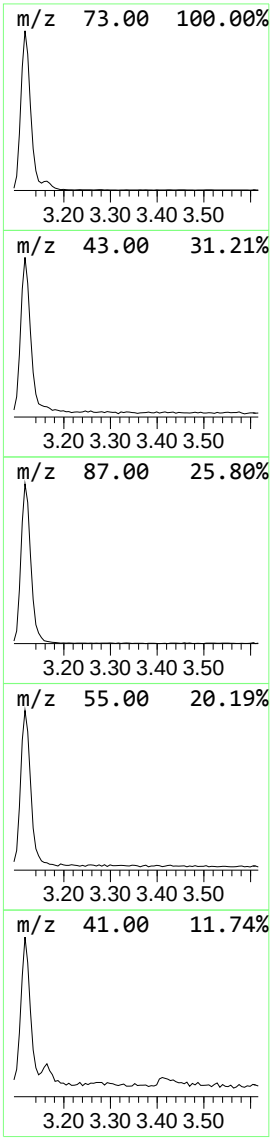
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.117	5.86 ng	579819	1,4-Dichlorobenzene-d4	7.993

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	1-(2-Methoxyethoxy)-2-methyl-2-p...	162	C8H18O3	1000364-24-4	25
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
4	Silane, tetramethyl-	88	C4H12Si	000075-76-3	17
5	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060221\
Data File : BP005676.D
Acq On : 02 Jun 2021 21:12
Operator : CG/JU
Sample : M2573-01 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OR-02-060121

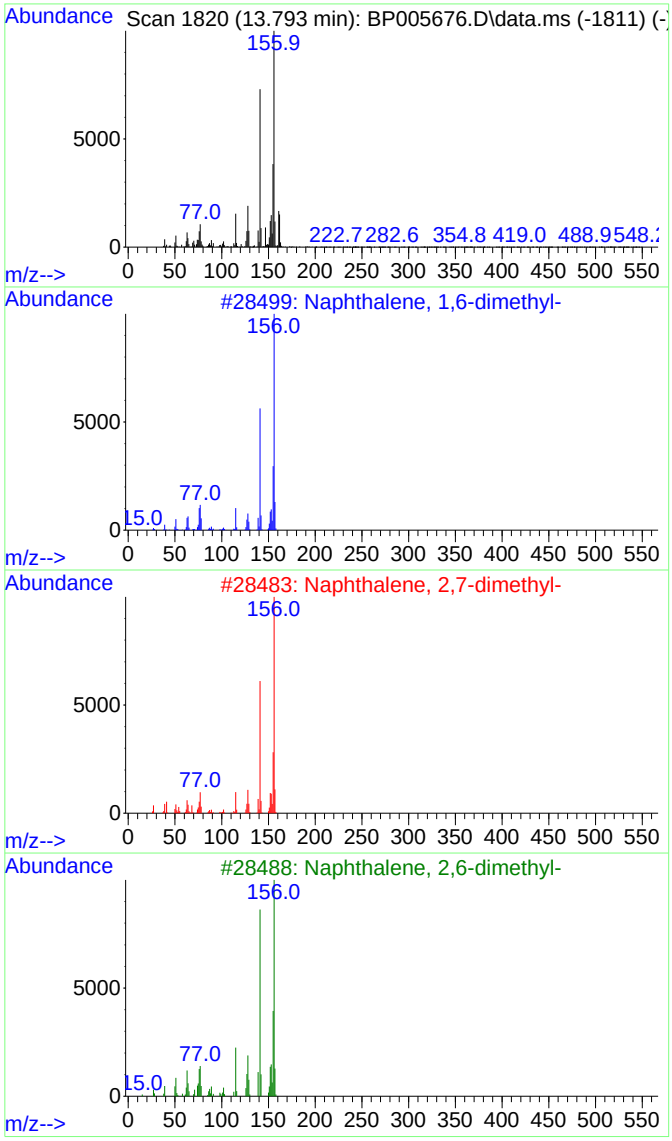
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

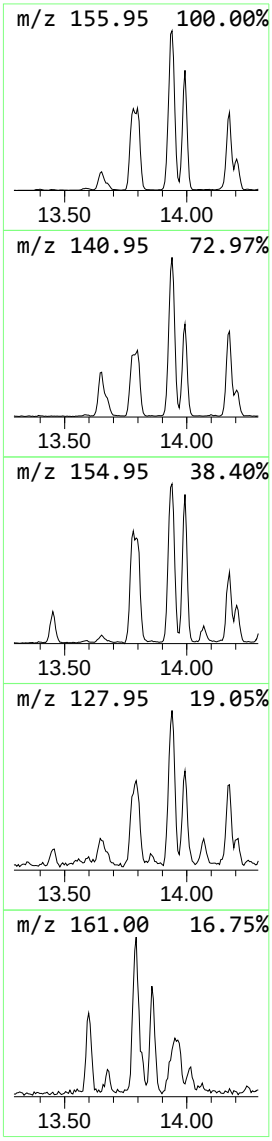
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Naphthalene, 1,6-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.793	4.12 ng	674587	Acenaphthene-d10	14.616

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95
2	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95
3	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	95
4	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	95
5	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060221\
Data File : BP005676.D
Acq On : 02 Jun 2021 21:12
Operator : CG/JU
Sample : M2573-01 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OR-02-060121

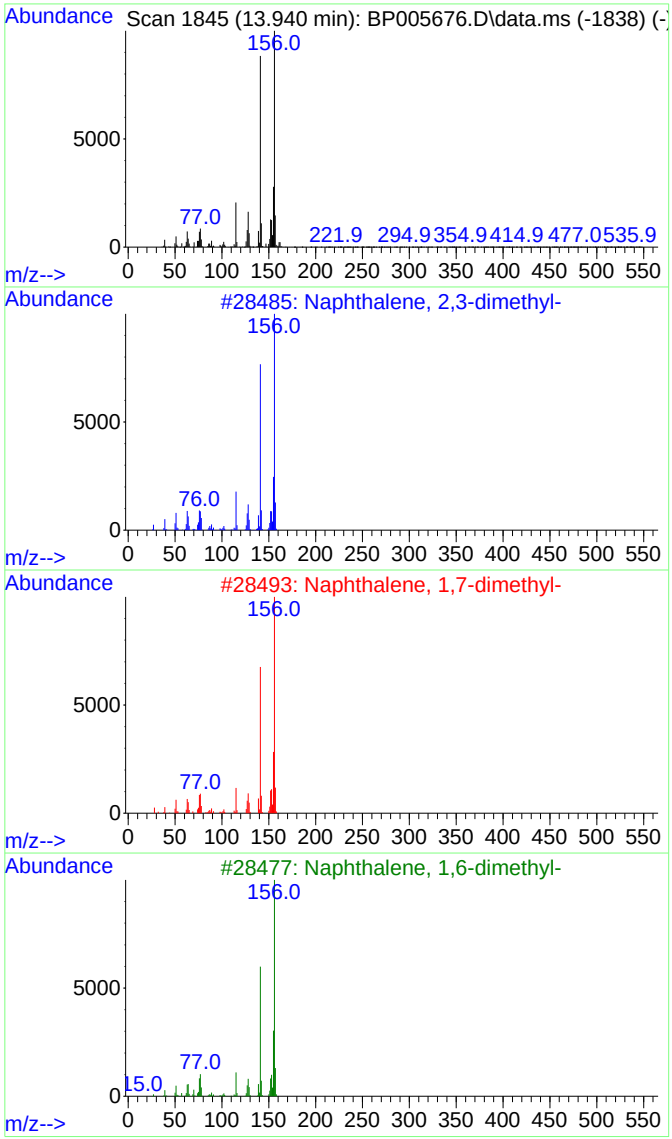
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

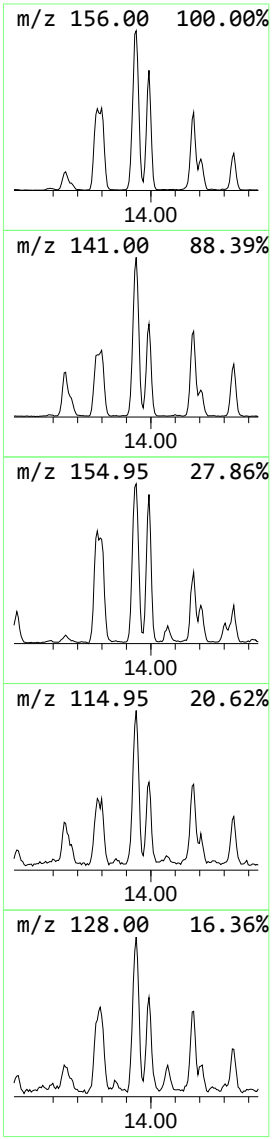
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Naphthalene, 2,3-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.940	5.07 ng	830970	Acenaphthene-d10	14.616

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
4	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060221\
Data File : BP005676.D
Acq On : 02 Jun 2021 21:12
Operator : CG/JU
Sample : M2573-01 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OR-02-060121

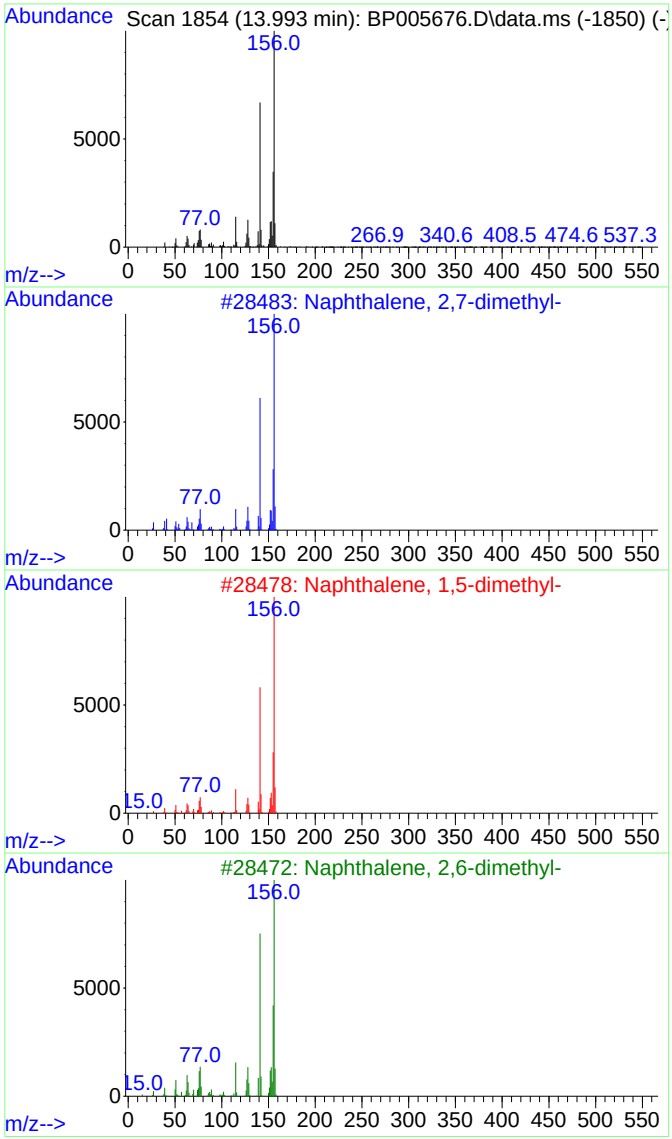
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

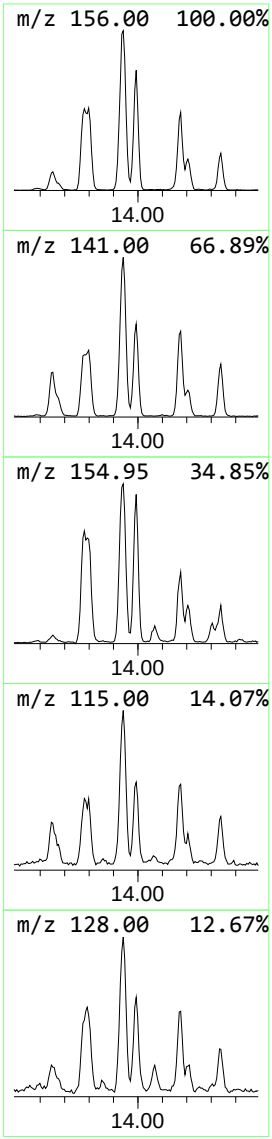
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Naphthalene, 2,7-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.993	2.62 ng	429948	Acenaphthene-d10	14.616

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
2	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
3	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
4	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
5	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	96





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060221\
Data File : BP005676.D
Acq On : 02 Jun 2021 21:12
Operator : CG/JU
Sample : M2573-01 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OR-02-060121

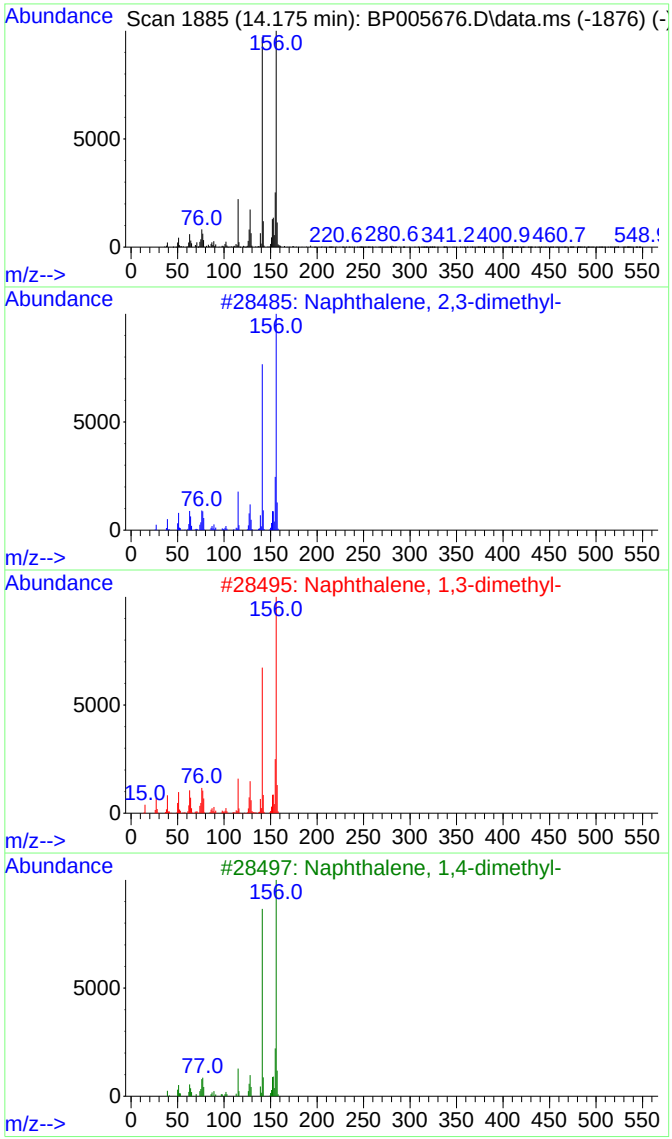
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

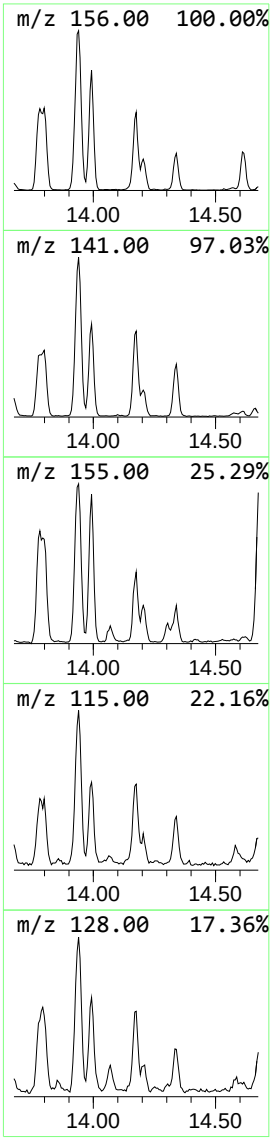
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Naphthalene, 1,3-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.175	2.28 ng	373778	Acenaphthene-d10	14.616

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	97
3	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
4	Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	95
5	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060221\
Data File : BP005676.D
Acq On : 02 Jun 2021 21:12
Operator : CG/JU
Sample : M2573-01 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : OR-02-060121

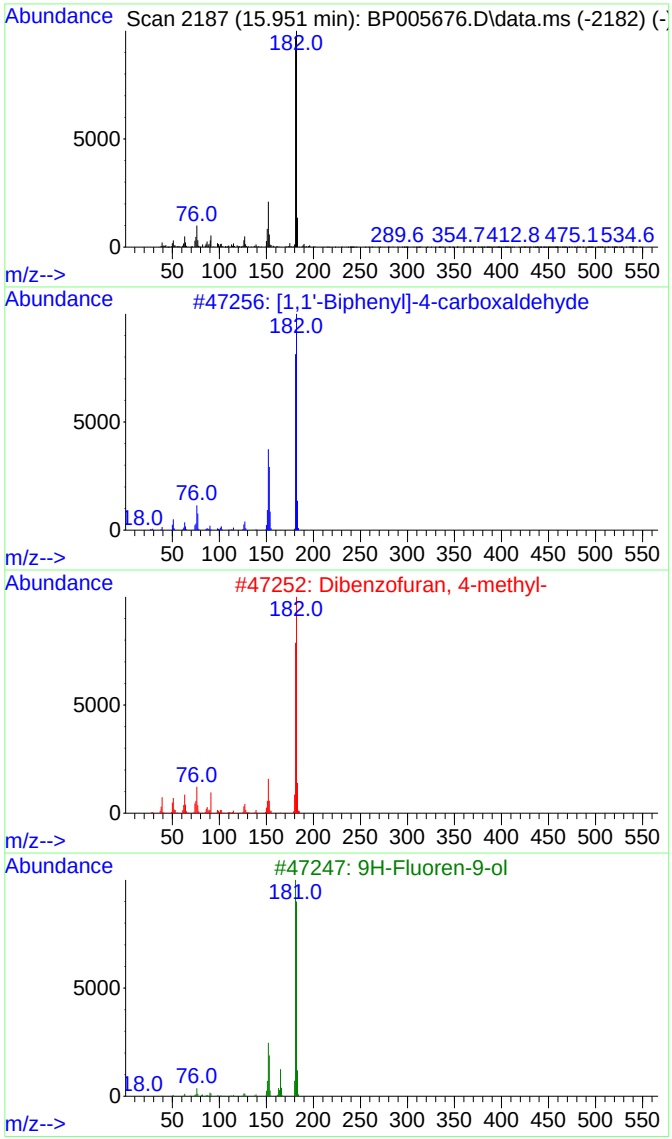
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

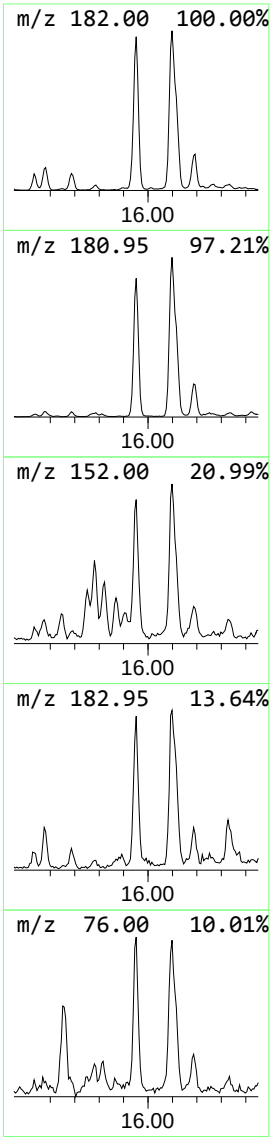
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 [1,1'-Biphenyl]-4-carboxald... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.951	3.57 ng	585667	Acenaphthene-d10	14.616

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	91
2	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	87
3	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	78
4	Norharmane, N-methyl-	182	C12H10N2	1000374-78-6	64
5	2-Hydroxyfluorene	182	C13H10O	002443-58-5	59





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Data File : BP005676.D
Acq On : 02 Jun 2021 21:12
Operator : CG/JU
Sample : M2573-01 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OR-02-060121

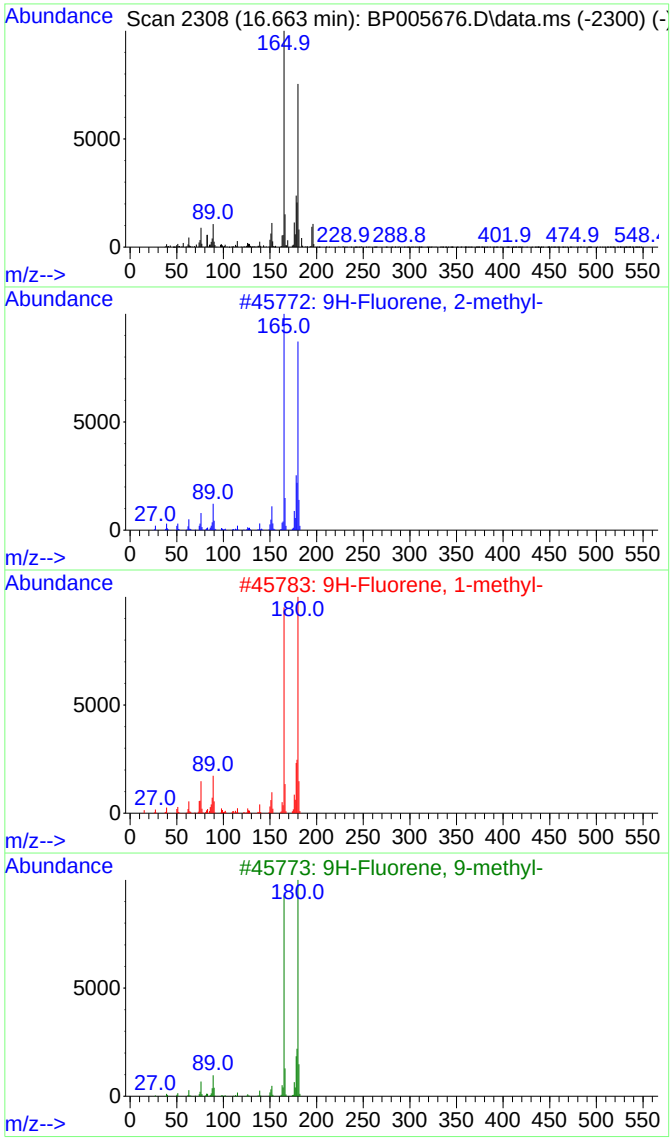
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

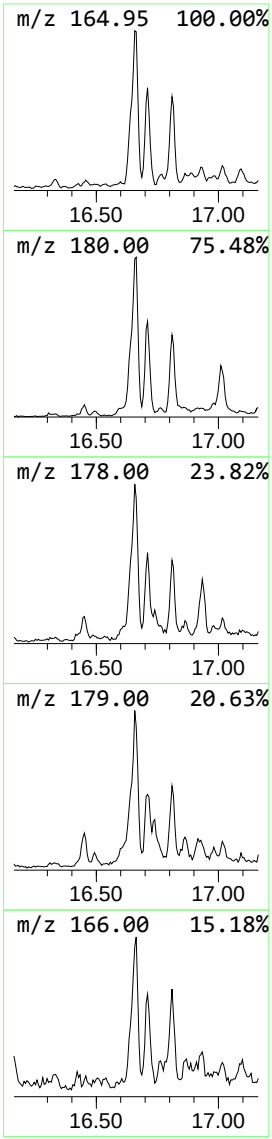
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 9H-Fluorene, 2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.663	4.23 ng	669334	Phenanthrene-d10	17.357

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	89
2	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	89
3	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	76
4	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	68
5	9H-Fluorene, 4-methyl-	180	C14H12	001556-99-6	64





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Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
OR-02-060121

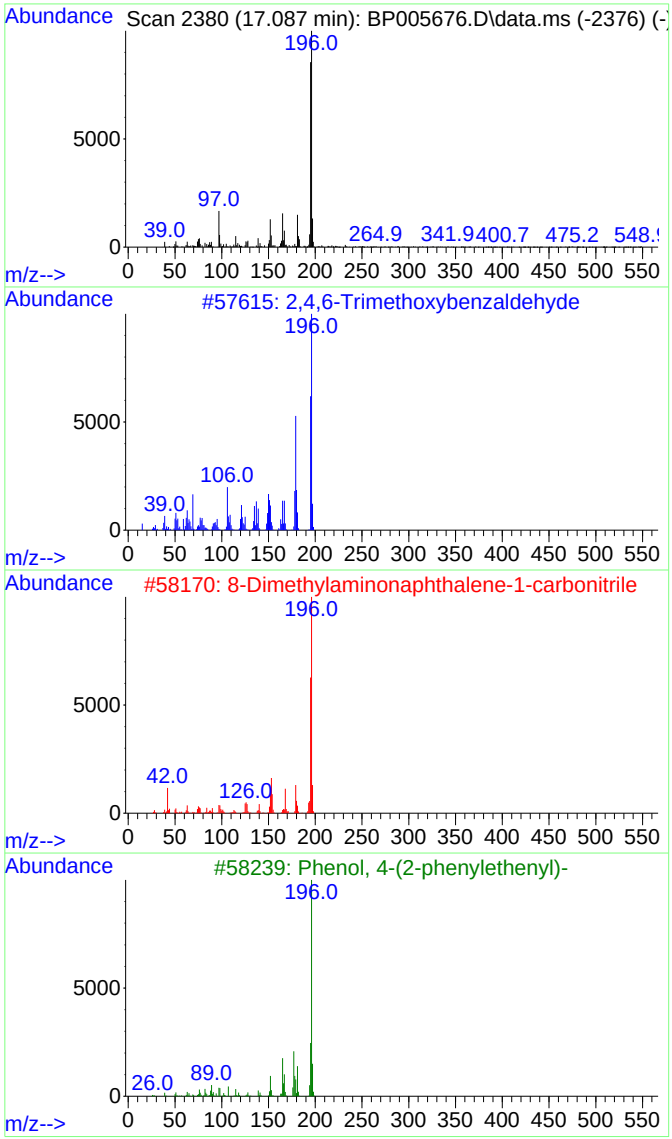
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

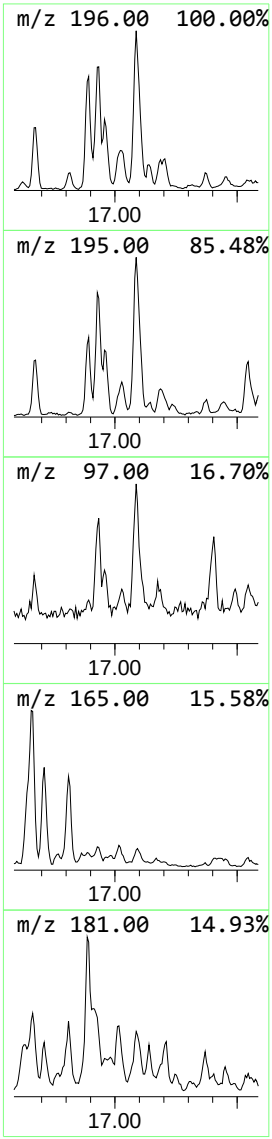
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 2,4,6-Trimethoxybenzaldehyde Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.087	2.46 ng	389091	Phenanthrene-d10	17.357

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,6-Trimethoxybenzaldehyde	196	C10H12O4	000830-79-5	86
2	8-Dimethylaminonaphthalene-1-car...	196	C13H12N2	128644-69-9	80
3	Phenol, 4-(2-phenylethenyl)-	196	C14H12O	003839-46-1	53
4	Phenol, 3-(2-phenylethenyl)-, (E)-	196	C14H12O	017861-18-6	52
5	7-Methoxy-piperonylicacid	196	C9H8O5	000526-34-1	50





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Operator : CG/JU
Sample : M2573-01 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OR-02-060121

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

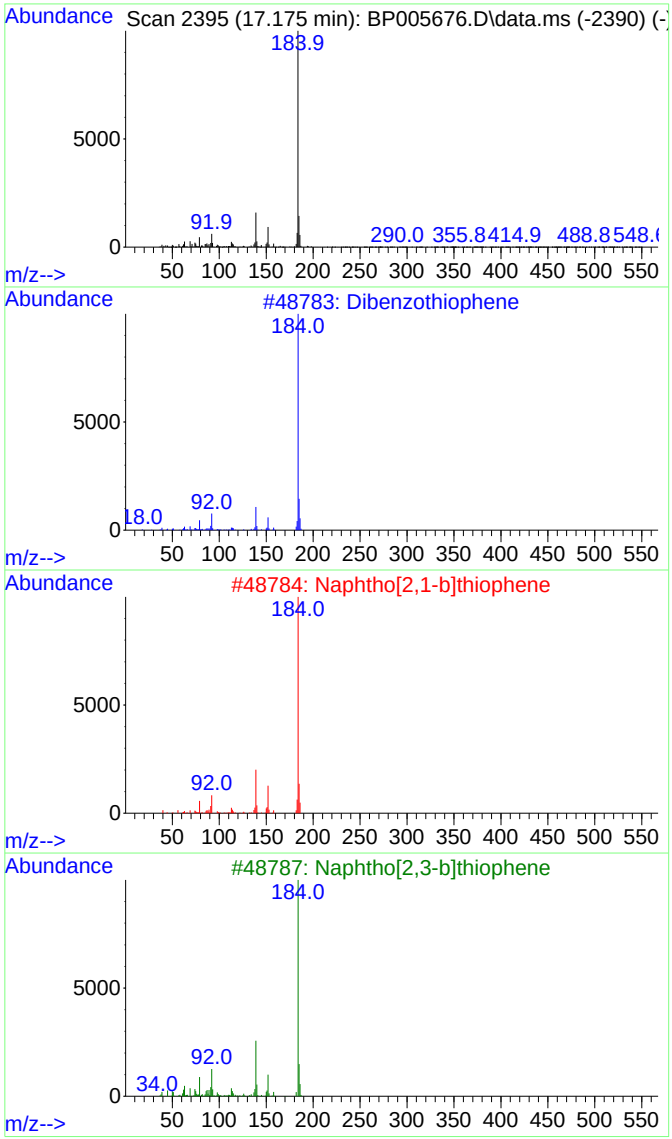
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

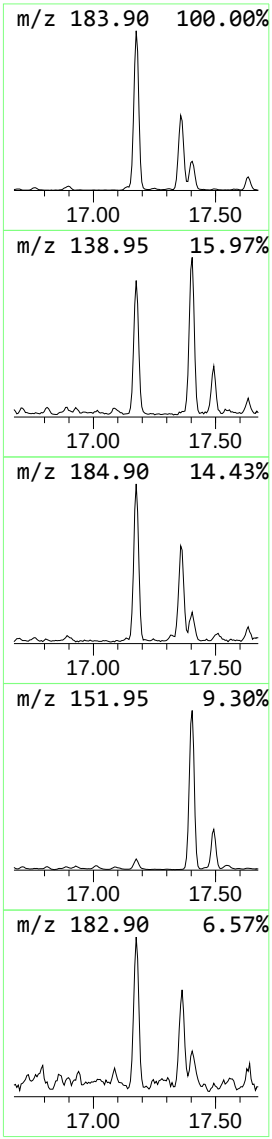
****

Peak Number 9 Dibenzothiophene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.175	6.41 ng	1012720	Phenanthrene-d10	17.357

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	97
2	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	96
3	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	94
4	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	94
5	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	87





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Operator : CG/JU
Sample : M2573-01 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : OR-02-060121

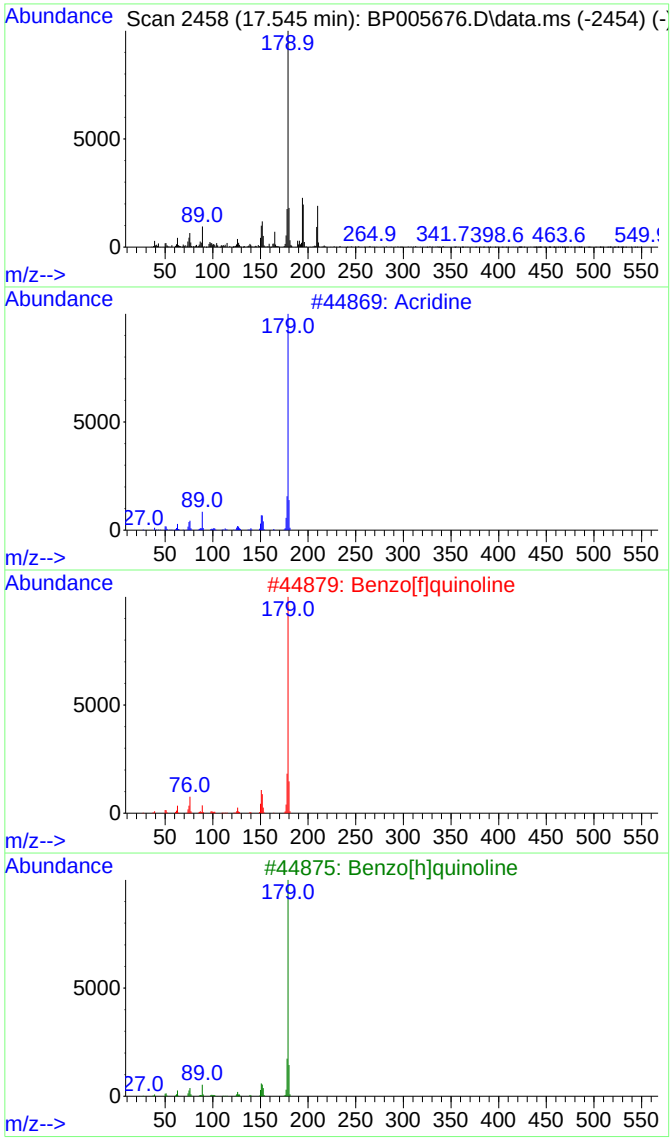
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

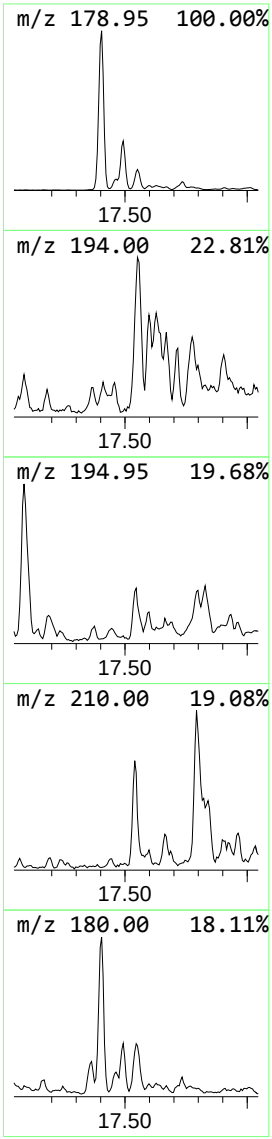
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Acridine Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.545	2.65 ng	419238	Phenanthrene-d10	17.357

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acridine	179	C13H9N	000260-94-6	92
2	Benzo[f]quinoline	179	C13H9N	000085-02-9	91
3	Benzo[h]quinoline	179	C13H9N	000230-27-3	91
4	Phenanthridine	179	C13H9N	000229-87-8	78
5	9,10-Dihydro-9-(2-oxocyclopentyl...	263	C18H17NO	015539-19-2	78





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Acq On : 02 Jun 2021 21:12
Operator : CG/JU
Sample : M2573-01 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : OR-02-060121

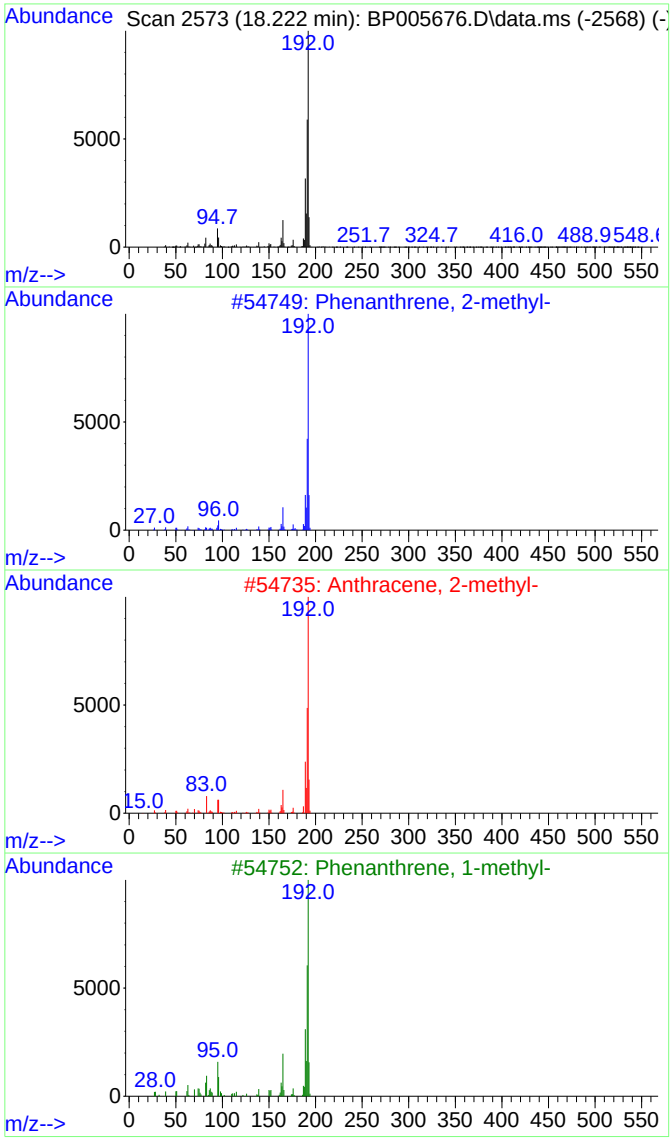
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

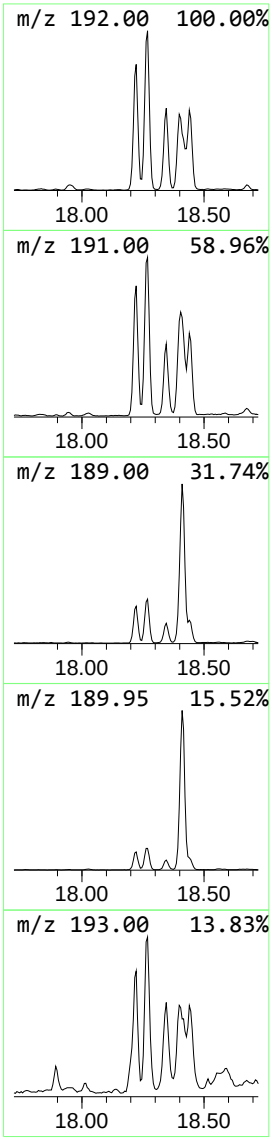
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Phenanthrene, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.222	8.94 ng	1412610	Phenanthrene-d10	17.357

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91





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Operator : CG/JU
Sample : M2573-01 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OR-02-060121

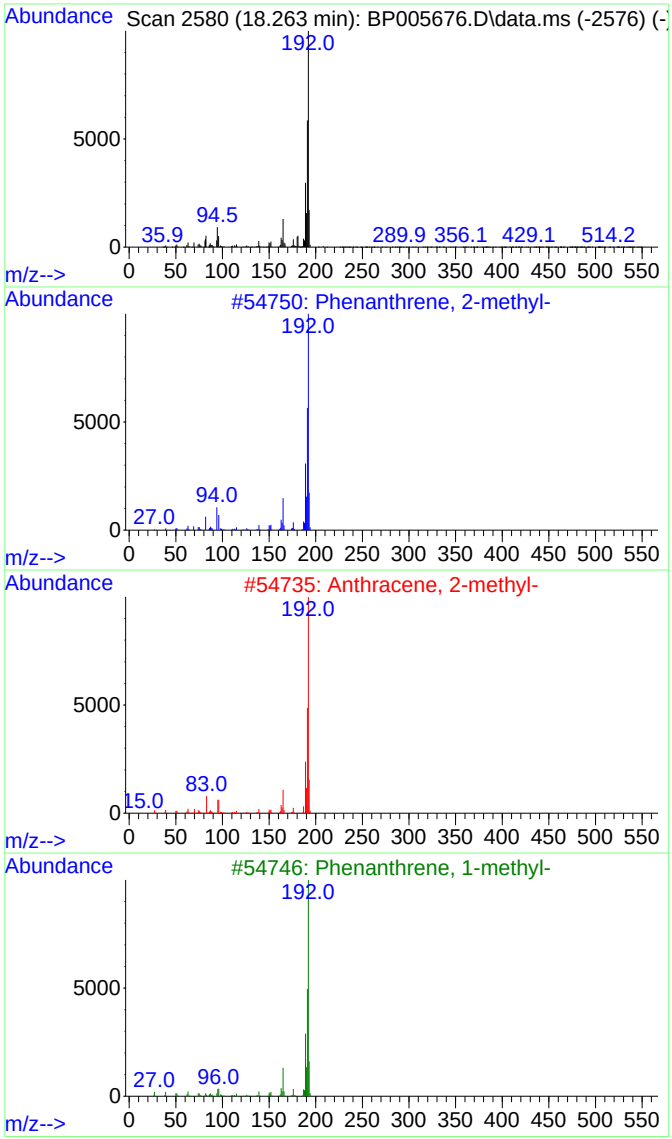
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

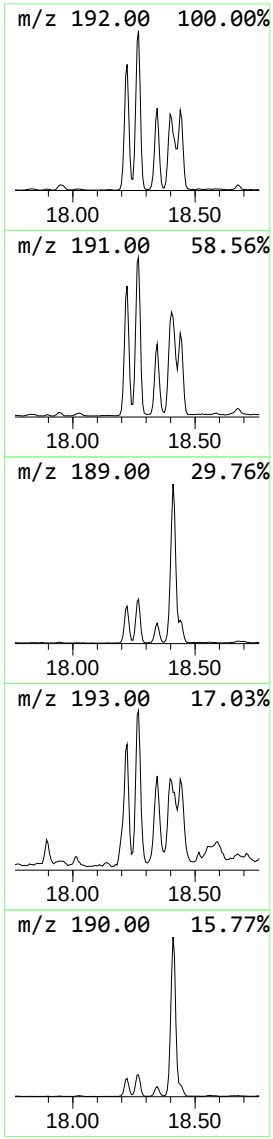
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Anthracene, 2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.263	12.95 ng	2046350	Phenanthrene-d10	17.357

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
5	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	93





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Operator : CG/JU
Sample : M2573-01 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OR-02-060121

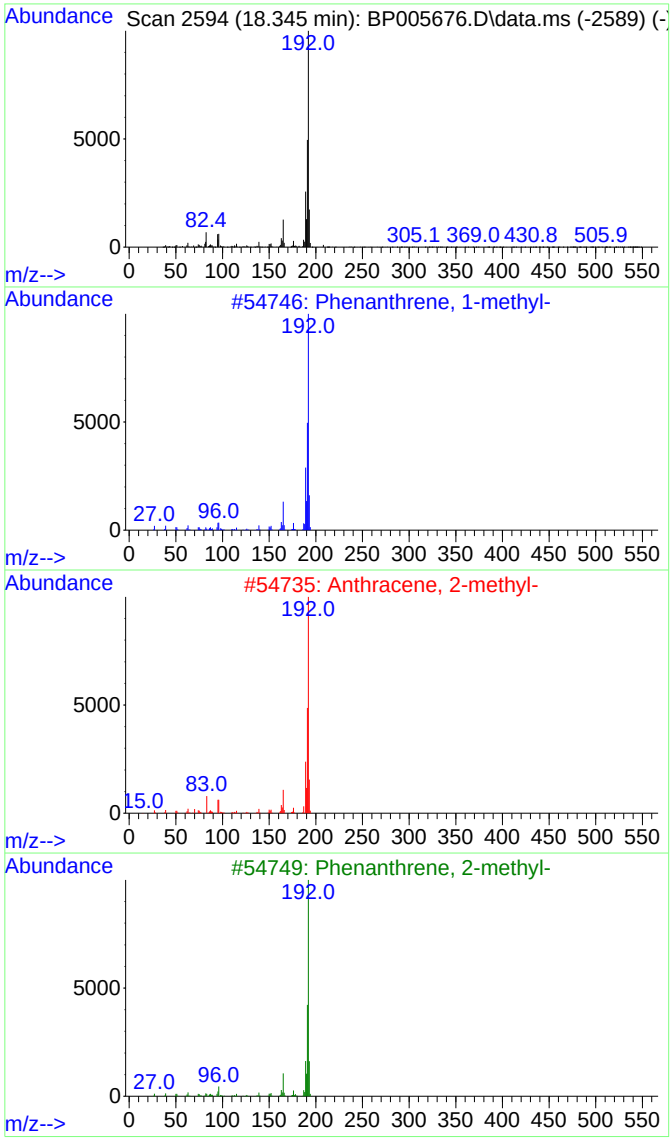
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

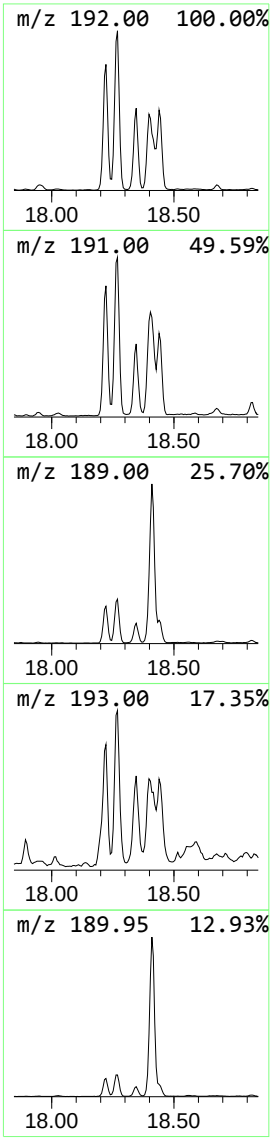
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Phenanthrene, 1-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.345	5.80 ng	915970	Phenanthrene-d10	17.357

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	97
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
5	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	96





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Sample : M2573-01 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
OR-02-060121

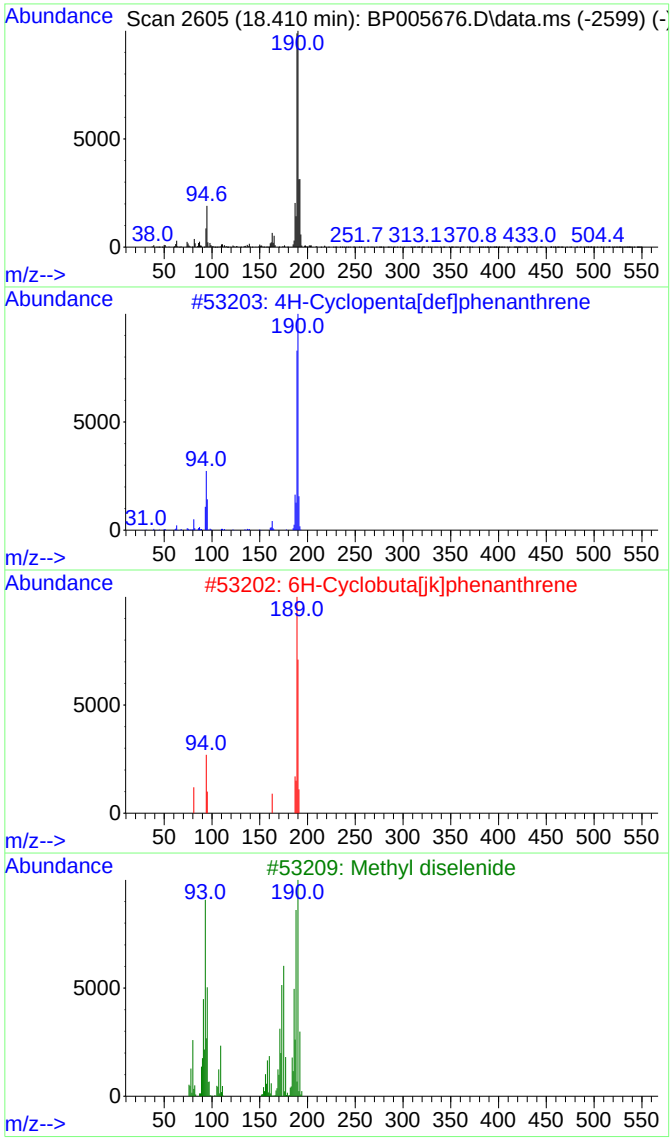
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

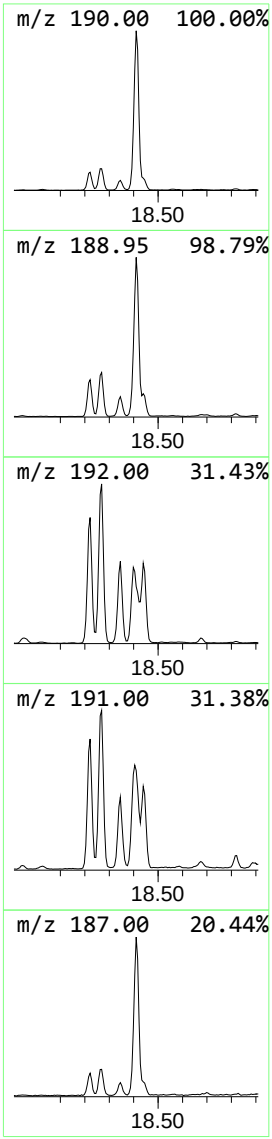
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 4H-Cyclopenta[def]phenanthrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.410	21.10 ng	3335290	Phenanthrene-d10	17.357

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	Methyl diselenide	190	C2H6Se2	007101-31-7	55
4	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	52
5	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	50





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Misc :
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Instrument : BNA_P
ClientSampleId : OR-02-060121

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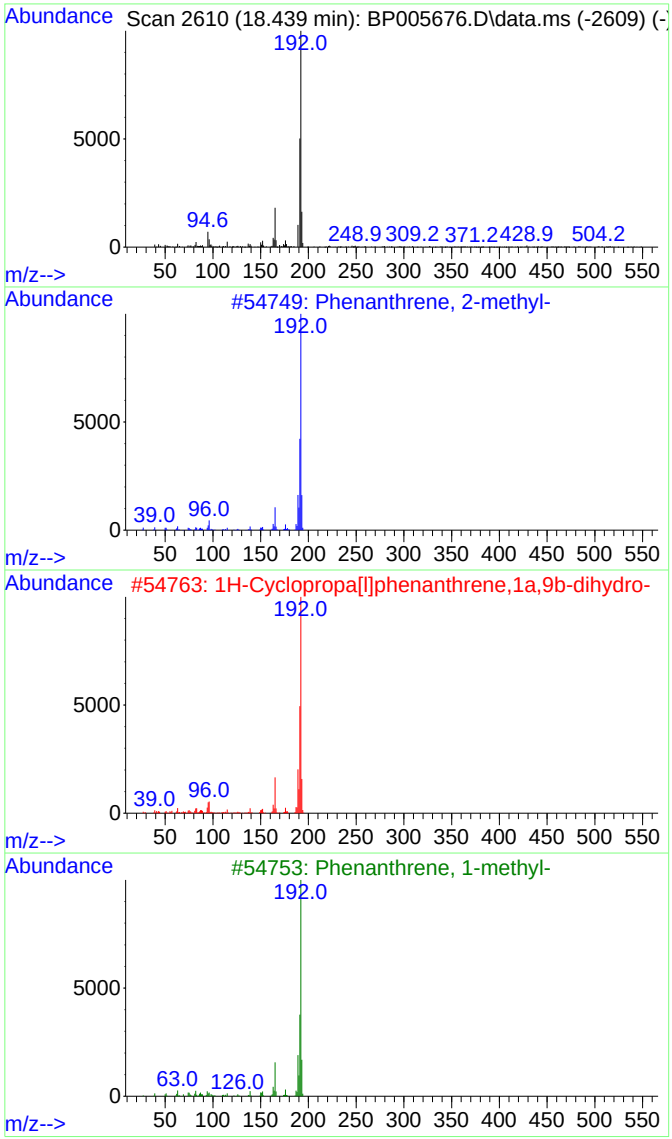
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

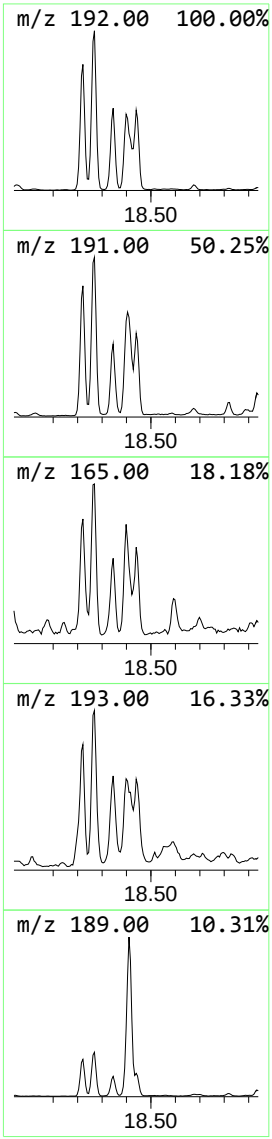
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 1H-Cyclopropa[l]phenanthren... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.439	4.00 ng	632011	Phenanthrene-d10	17.357

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	81
2	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	81
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	81
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	81
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	81





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Misc :
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Instrument : BNA_P
ClientSampleId : OR-02-060121

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

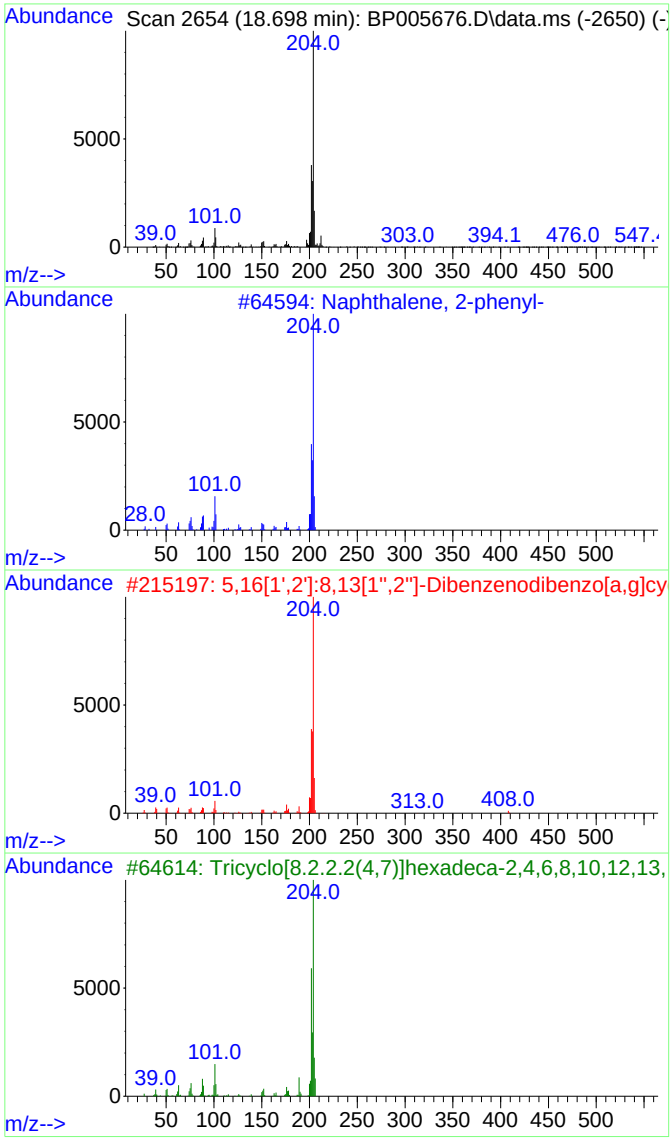
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

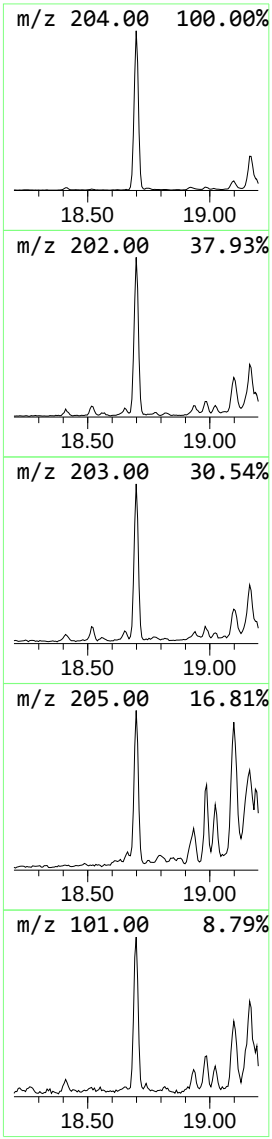
****

Peak Number 16 Naphthalene, 2-phenyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.698	5.51 ng	871546	Phenanthrene-d10	17.357

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	94
2	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	87
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	68
4	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	58
5	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	52





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Sample : M2573-01 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
OR-02-060121

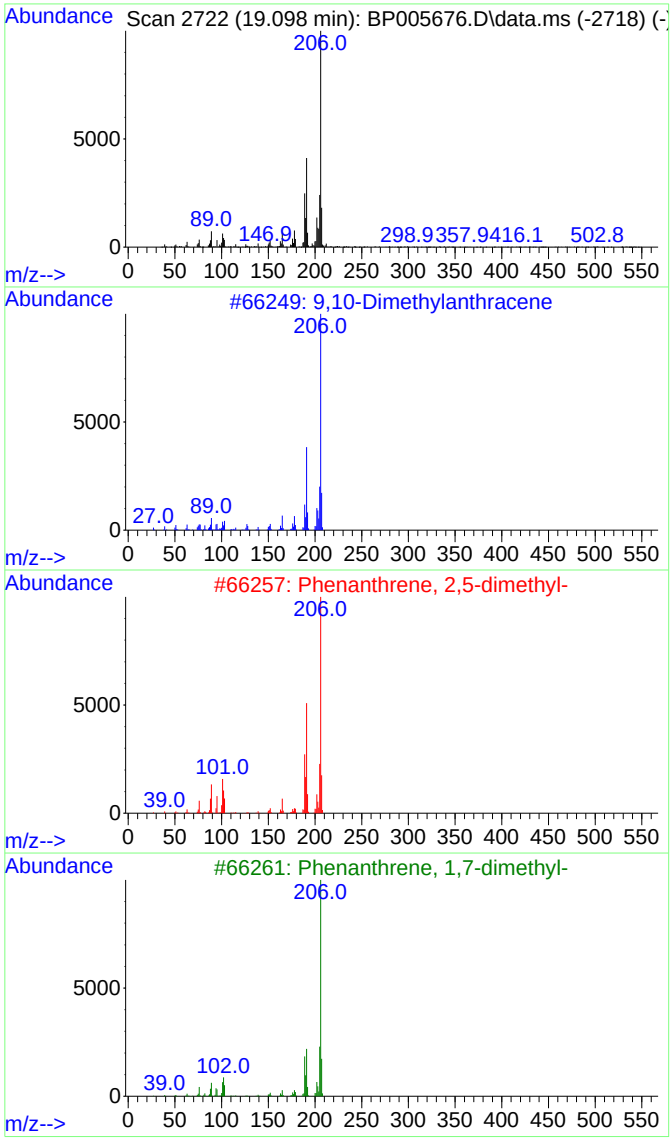
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

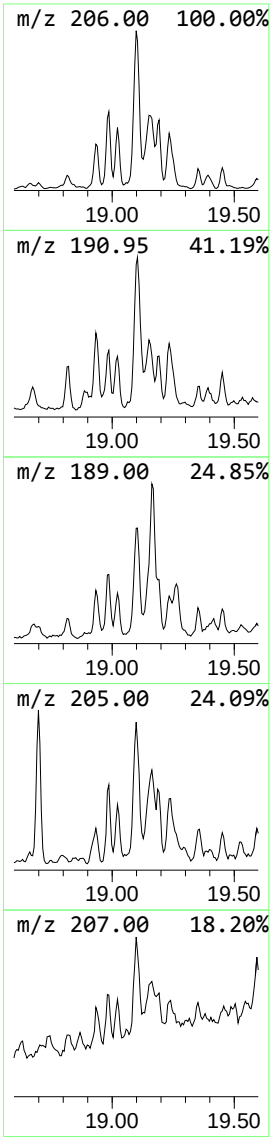
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 9,10-Dimethylanthracene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.098	6.37 ng	1007580	Phenanthrene-d10	17.357

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylanthracene	206	C16H14	000781-43-1	96
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	95
3	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	93
4	di-p-Tolylacetylene	206	C16H14	002789-88-0	91
5	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	90





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Data File : BP005676.D
Acq On : 02 Jun 2021 21:12
Operator : CG/JU
Sample : M2573-01 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OR-02-060121

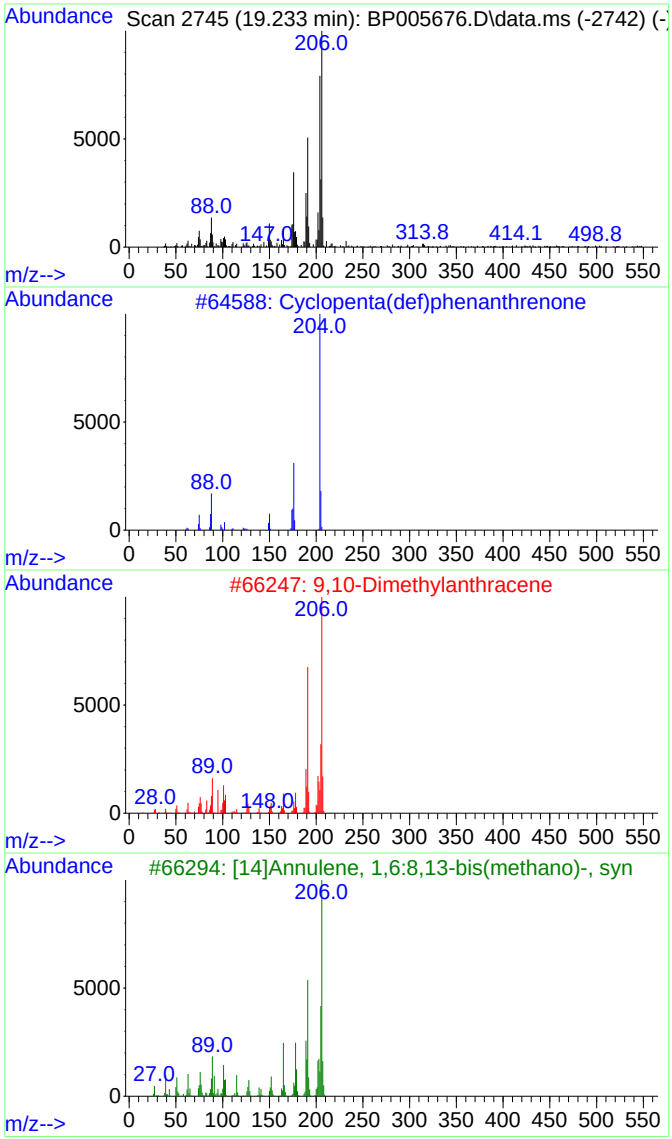
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

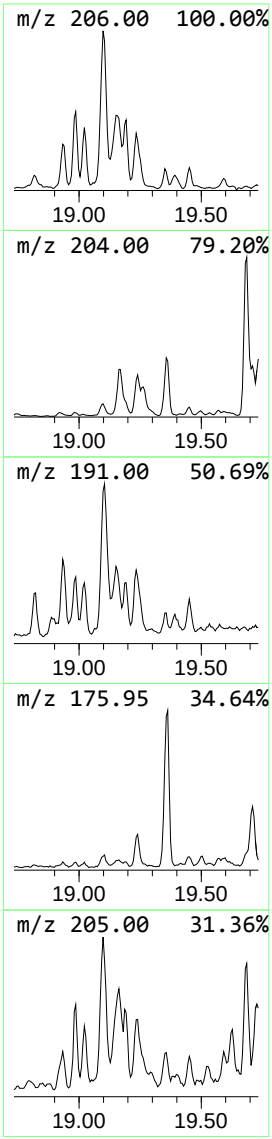
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 Cyclopenta(def)phenanthrenone Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.233	3.70 ng	584386	Phenanthrene-d10	17.357

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	93
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	60
3	[14]Annulene, 1,6:8,13-bis(metha...	206	C16H14	085385-68-8	60
4	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	55
5	1,3-Diphenyl-3-methylcyclopropene	206	C16H14	086544-79-8	55





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060221\
Data File : BP005676.D
Acq On : 02 Jun 2021 21:12
Operator : CG/JU
Sample : M2573-01 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : OR-02-060121

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

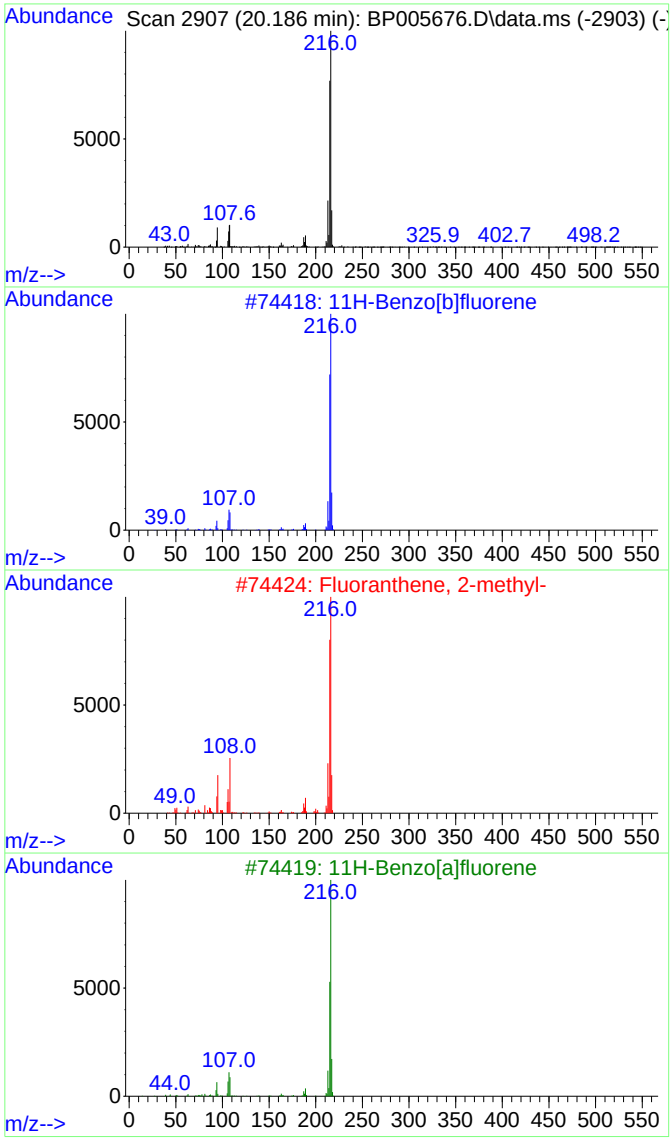
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

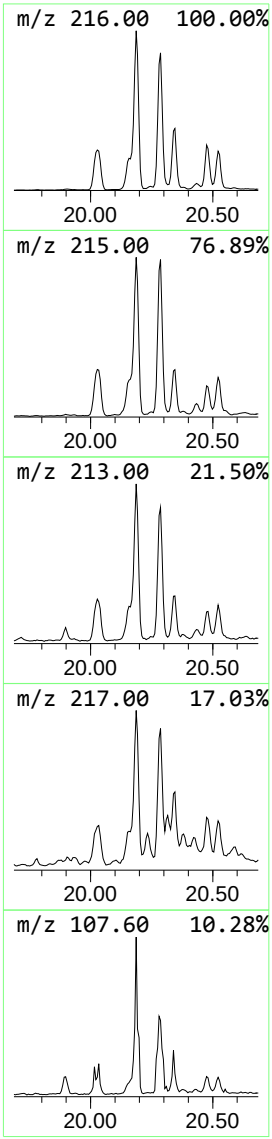
****

Peak Number 19 11H-Benzo[b]fluorene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.186	4.80 ng	2398870	Chrysene-d12	21.427

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	95
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	95
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	94
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	81
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	74





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060221\
Data File : BP005676.D
Acq On : 02 Jun 2021 21:12
Operator : CG/JU
Sample : M2573-01 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : OR-02-060121

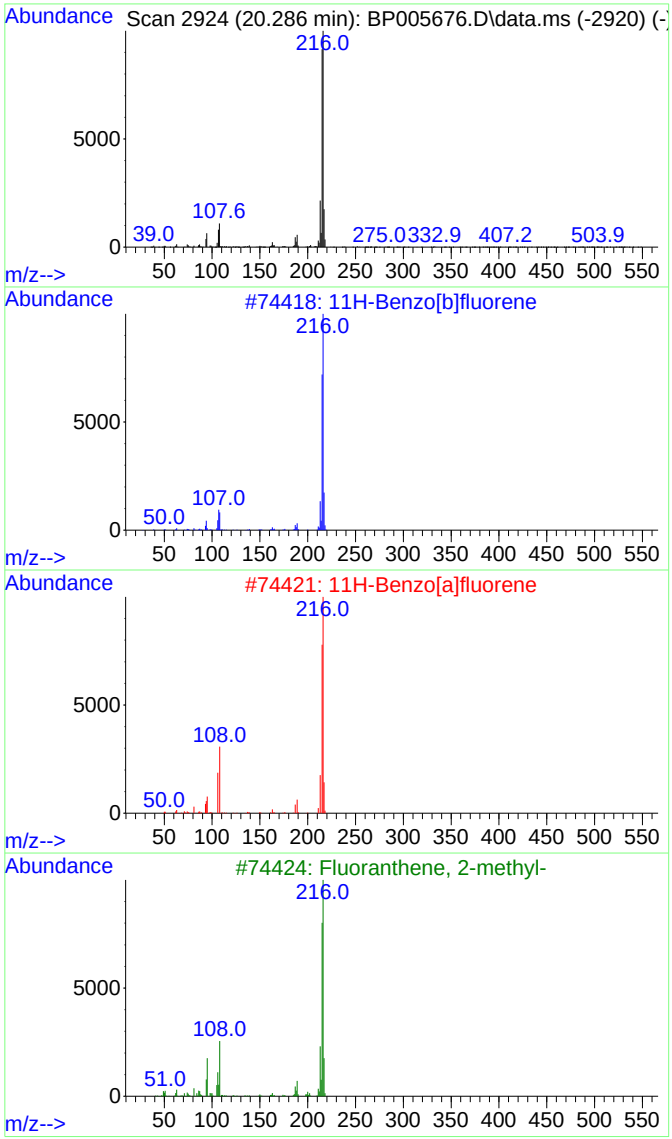
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

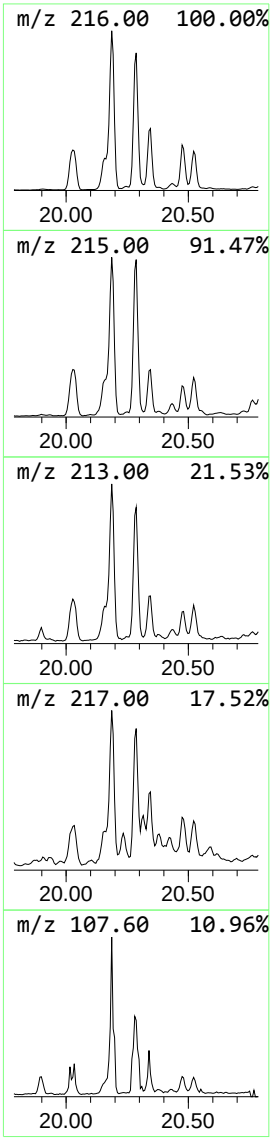
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 11H-Benzo[a]fluorene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.286	3.70 ng	1850310	Chrysene-d12	21.427

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	95
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	94
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	81
4	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	80
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	68





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060221\
Data File : BP005676.D
Acq On : 02 Jun 2021 21:12
Operator : CG/JU
Sample : M2573-01 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : OR-02-060121

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...	3.117	5.9	ng	579819	1	7.993	1979480	20.0
Naphthalene, 1,...	13.793	4.1	ng	674587	3	14.616	3277050	20.0
Naphthalene, 2,...	13.940	5.1	ng	830970	3	14.616	3277050	20.0
Naphthalene, 2,...	13.993	2.6	ng	429948	3	14.616	3277050	20.0
Naphthalene, 1,...	14.175	2.3	ng	373778	3	14.616	3277050	20.0
[1,1'-Biphenyl]...	15.951	3.6	ng	585667	3	14.616	3277050	20.0
9H-Fluorene, 2-...	16.663	4.2	ng	669334	4	17.357	3161050	20.0
2,4,6-Trimethox...	17.087	2.5	ng	389091	4	17.357	3161050	20.0
Dibenzothiophene	17.175	6.4	ng	1012720	4	17.357	3161050	20.0
Acridine	17.545	2.6	ng	419238	4	17.357	3161050	20.0
Phenanthrene, 2...	18.222	8.9	ng	1412610	4	17.357	3161050	20.0
Anthracene, 2-m...	18.263	12.9	ng	2046350	4	17.357	3161050	20.0
Phenanthrene, 1...	18.345	5.8	ng	915970	4	17.357	3161050	20.0
4H-Cyclopenta[d...	18.410	21.1	ng	3335290	4	17.357	3161050	20.0
1H-Cyclopropa[l...	18.439	4.0	ng	632011	4	17.357	3161050	20.0
Naphthalene, 2-...	18.698	5.5	ng	871546	4	17.357	3161050	20.0
9,10-Dimethylan...	19.098	6.4	ng	1007580	4	17.357	3161050	20.0
Cyclopenta(def)...	19.233	3.7	ng	584386	4	17.357	3161050	20.0
11H-Benzo[b]flu...	20.186	4.8	ng	2398870	5	21.427	9991220	20.0
11H-Benzo[a]flu...	20.286	3.7	ng	1850310	5	21.427	9991220	20.0