LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP030223\
Data File : BP013938.D
Acq On : 03 Mar 2023 00:12
Operator : CG/JU
Sample : 01744-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
72-11939

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-BP021623.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP013938.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.163	329	336	346	rBV	759565	1055437	5.57%	0.763%
2	5.634	409	416	428	rBV	1723348	2552859	13.48%	1.845%
3	7.246	680	690	705	rBV	1688297	2721711	14.38%	1.967%
4	8.093	823	834	840	rBV	516193	813026	4.29%	0.588%
5	9.263	1026	1033	1046	rBV	1009683	1704597	9.00%	1.232%
6	10.916	1307	1314	1318	rBV	653075	1123005	5.93%	0.812%
7	10.969	1318	1323	1331	rVB	2003569	3348101	17.68%	2.420%
8	11.087	1336	1343	1352	rVB	120222	222781	1.18%	0.161%
9	12.563	1584	1594	1601	rBV	1698748	2701143	14.27%	1.952%
10	12.781	1622	1631	1639	rVB	1003958	1628699	8.60%	1.177%
11	13.351	1721	1728	1739	rVB	2575004	3728174	19.69%	2.695%
12	13.563	1756	1764	1770	rBV	636797	930057	4.91%	0.672%
13	13.757	1792	1797	1808	rVB	267026	496824	2.62%	0.359%
14	13.892	1810	1820	1821	rBV	416134	622927	3.29%	0.450%
15	14.051	1839	1847	1852	rBV	615685	1110230	5.86%	0.802%
16	14.104	1852	1856	1865	rVB	424237	637895	3.37%	0.461%
17	14.287	1881	1887	1890	rBV	281180	416174	2.20%	0.301%
18	14.451	1910	1915	1923	rVB	189706	288040	1.52%	0.208%
19	14.698	1951	1957	1959	rBV	420726	612597	3.24%	0.443%
20	14.728	1959	1962	1968	rVV	1001441	1510183	7.98%	1.092%
21	14.798	1968	1974	1980	rVV	4502687	6618355	34.96%	4.784%
22	14.928	1991	1996	2005	rVV	114948	273713	1.45%	0.198%
23	15.039	2005	2015	2019	rVV2	140198	283720	1.50%	0.205%
24	15.128	2023	2030	2037	rVV	2955284	4289745	22.66%	3.101%
25	15.198	2037	2042	2052	rVB	182761	296482	1.57%	0.214%
26	15.339	2060	2066	2071	rBV3	139390	251500	1.33%	0.182%
27	15.392	2071	2075	2082	rVV	153116	214006	1.13%	0.155%
28	15.516	2088	2096	2099	rBV	134141	269516	1.42%	0.195%
29	15.710	2121	2129	2134	rVB3	189998	416194	2.20%	0.301%
30	15.781	2134	2141	2150	rBV	4310130	6490013	34.28%	4.691%
31	15.869	2150	2156	2158	rBV	185129	251732	1.33%	0.182%
32	15.898	2158	2161	2164	rVV2	300246	430288	2.27%	0.311%
33	15.939	2164	2168	2173	rVB2	523149	742196	3.92%	0.536%
34	16.028	2179	2183	2186	rBV	241234	338540	1.79%	0.245%
35	16.069	2186	2190	2198	rVB2	714512	1154210	6.10%	0.834%
36	16.222	2206	2216	2223	rBV	2620610	4288275	22.65%	3.099%

LSC Area Percent Report

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Operator : CG/JU
Sample : 01744-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 72-11939

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-BP021623.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	16.310	2228	2231	2236	rVB	137715	193760	1.02%	0.140%
38	16.422	2245	2250	2261	rBV	414199	764677	4.04%	0.553%
39	16.781	2300	2311	2316	rBV2	484661	1027242	5.43%	0.742%
40	16.833	2316	2320	2325	rVB2	173714	264925	1.40%	0.191%
41	16.933	2331	2337	2342	rVB3	196581	339353	1.79%	0.245%
42	17.010	2342	2350	2353	rBV2	215995	475793	2.51%	0.344%
43	17.051	2353	2357	2360	rVB2	169319	225188	1.19%	0.163%
44	17.210	2379	2384	2391	rVV2	231282	507381	2.68%	0.367%
45	17.304	2395	2400	2409	rVB	1481234	2163684	11.43%	1.564%
46	17.486	2425	2431	2434	rBV	1196879	1850380	9.77%	1.337%
47	17.539	2434	2440	2445	rVV	12508266	18931869	100.00%	13.683%
48	17.622	2449	2454	2458	rVV	1041108	1459669	7.71%	1.055%
49	17.675	2458	2463	2468	rVB2	120718	245303	1.30%	0.177%
50	17.880	2492	2498	2508	rBV	441651	799340	4.22%	0.578%
51	17.992	2513	2517	2524	rBV2	182311	286087	1.51%	0.207%
52	18.057	2524	2528	2536	rVB2	152074	283078	1.50%	0.205%
53	18.192	2547	2551	2560	rVB	135242	250796	1.32%	0.181%
54	18.339	2571	2576	2580	rBV	1129382	1510662	7.98%	1.092%
55	18.386	2580	2584	2590	rVB	1233293	1677856	8.86%	1.213%
56	18.463	2590	2597	2602	rBV	369108	583806	3.08%	0.422%
57	18.533	2602	2609	2613	rBV2	1962272	3116920	16.46%	2.253%
58	18.816	2653	2657	2662	rBV	678385	900770	4.76%	0.651%
59	19.216	2720	2725	2730	rBV	221631	376946	1.99%	0.272%
60	19.286	2731	2737	2739	rBV3	117632	191800	1.01%	0.139%
61	19.486	2764	2771	2776	rBV	9457855	12995383	68.64%	9.393%
62	19.569	2782	2785	2789	rVB2	218876	277974	1.47%	0.201%
63	19.716	2805	2810	2819	rVB	351276	567175	3.00%	0.410%
64	19.804	2819	2825	2827	rBV2	1570202	2589010	13.68%	1.871%
65	19.833	2827	2830	2837	rVV	5346635	7335317	38.75%	5.302%
66	19.898	2837	2841	2847	rVB	256385	380125	2.01%	0.275%
67	20.016	2854	2861	2866	rBV	4337770	5597843	29.57%	4.046%
68	20.133	2876	2881	2883	rBV2	282204	428451	2.26%	0.310%
69	20.274	2899	2905	2906	rVV4	188759	361388	1.91%	0.261%
70	20.310	2906	2911	2916	rVB	1114759	1518731	8.02%	1.098%
71	20.404	2922	2927	2931	rBV	1160169	1525376	8.06%	1.102%
72	20.463	2931	2937	2940	rVV2	272410	512647	2.71%	0.371%
73	20.498	2940	2943	2947	rVB	155444	189957	1.00%	0.137%
74	21.204	3059	3063	3065	rBV	605374	724651	3.83%	0.524%
75	21.233	3065	3068	3073	rVV2	661350	909469	4.80%	0.657%
76	21.280	3073	3076	3080	rVB2	221638	298757	1.58%	0.216%

LSC Area Percent Report

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Acq On : 03 Mar 2023 00:12
Operator : CG/JU
Sample : 01744-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
72-11939

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-BP021623.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	21.439	3100	3103	3110	rVB	179576	241209	1.27%	0.174%
78	21.557	3116	3123	3128	rBV2	1890146	4434191	23.42%	3.205%
79	21.598	3128	3130	3140	rVB	1130515	1445810	7.64%	1.045%
80	21.733	3149	3153	3160	rBV	263671	361173	1.91%	0.261%
81	23.327	3420	3424	3429	rBV	206595	373093	1.97%	0.270%
82	24.110	3550	3557	3564	rBV2	1005549	2028154	10.71%	1.466%

Sum of corrected areas: 138356114

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP030223\
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Acq On : 03 Mar 2023 00:12
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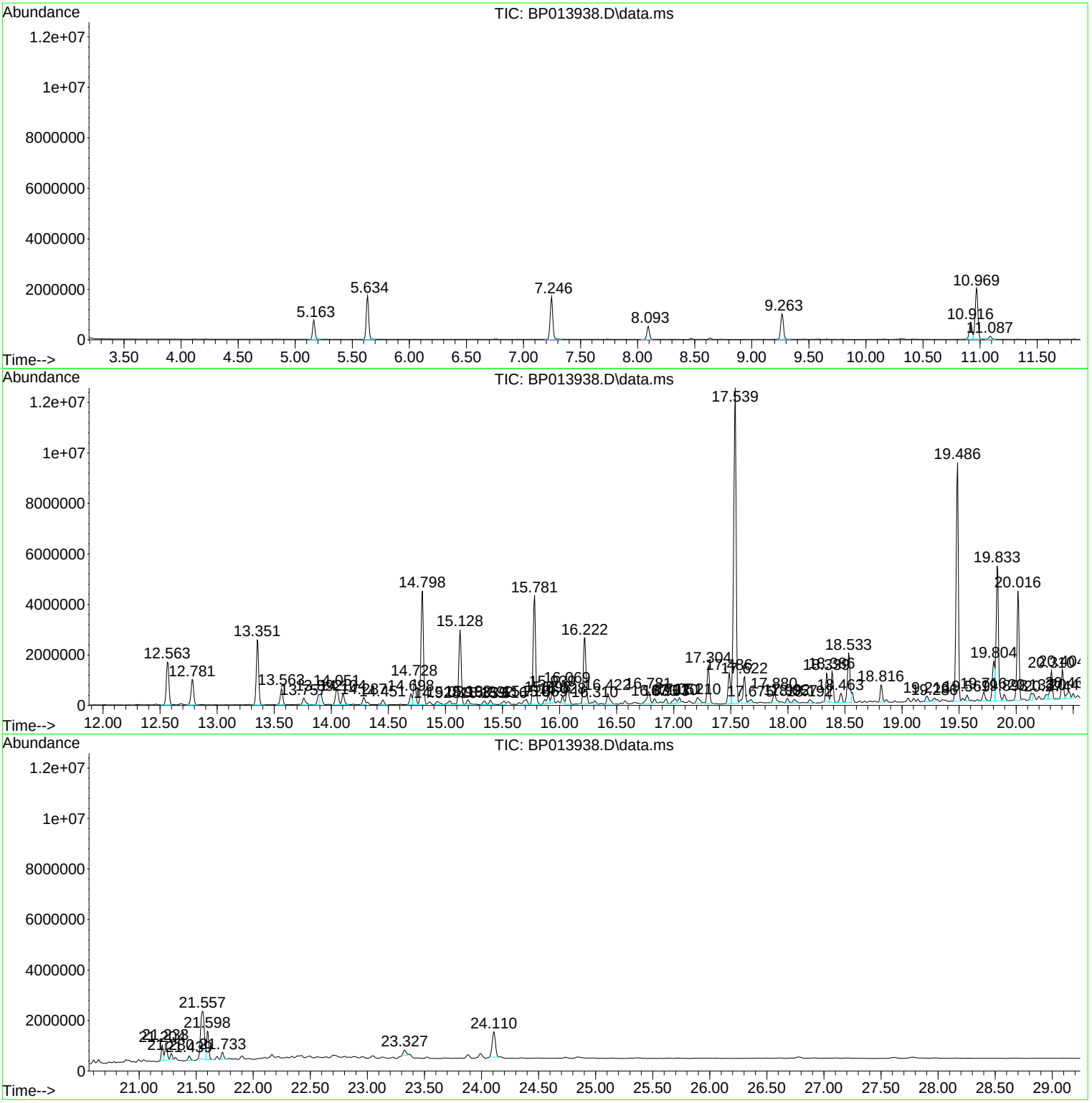
Sample : 01744-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
72-11939

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP021623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP030223\
Data File : BP013938.D
Acq On : 03 Mar 2023 00:12
Operator : CG/JU
Sample : 01744-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
72-11939

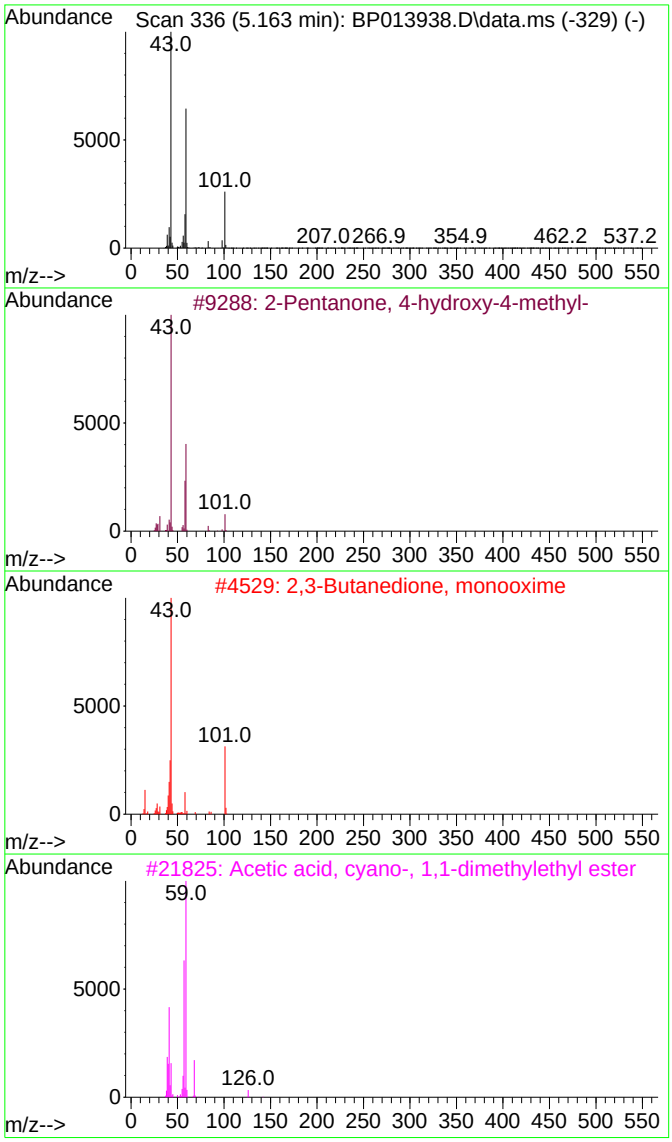
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP021623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

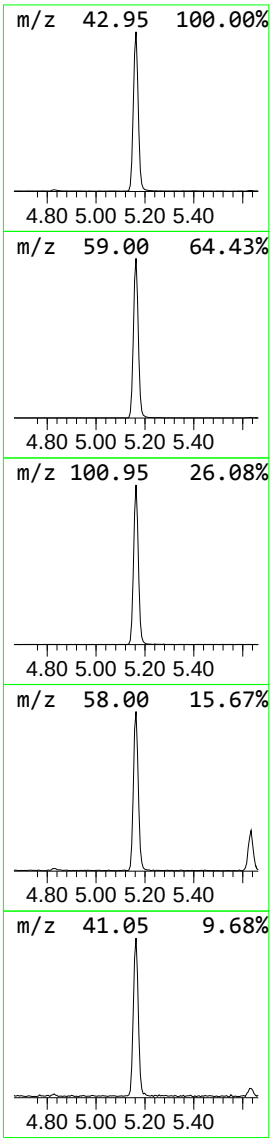
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.163	25.96 ng	1055440	1,4-Dichlorobenzene-d4	8.093

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	72
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	25
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
4	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
5	Acetone	58	C3H6O	000067-64-1	10





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP030223\
Data File : BP013938.D
Acq On : 03 Mar 2023 00:12
Operator : CG/JU
Sample : 01744-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
72-11939

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP021623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

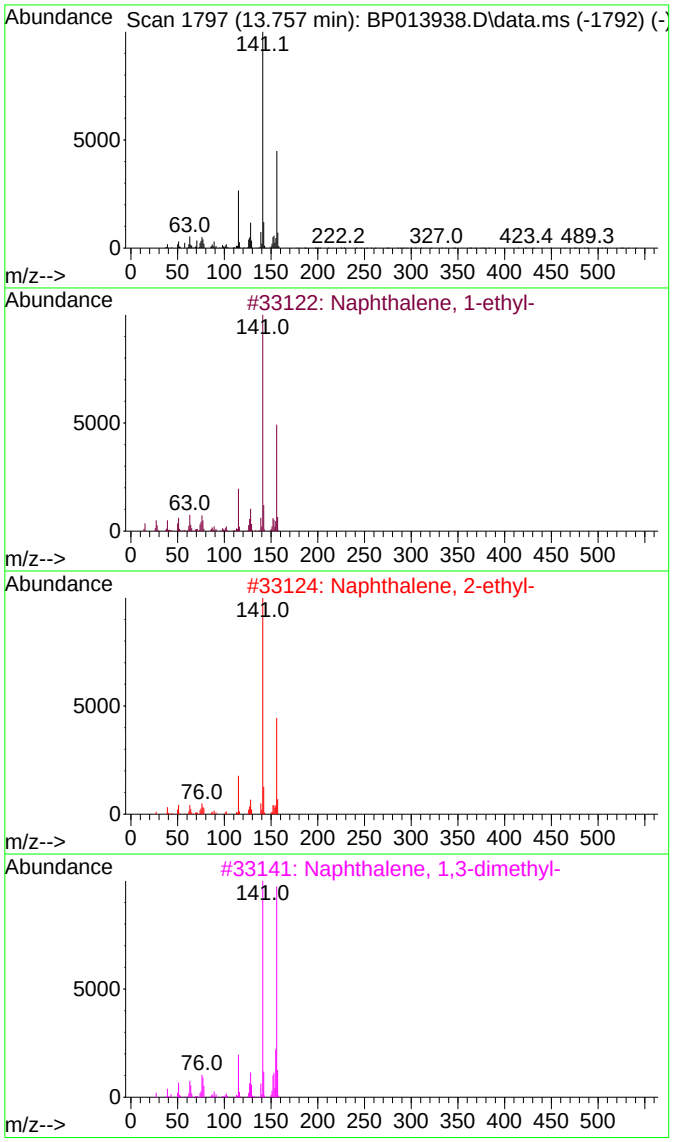
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

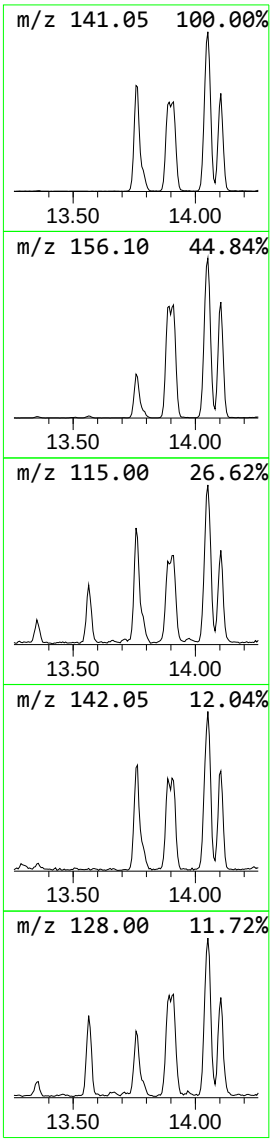
****

Peak Number 2 Naphthalene, 1-ethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.757	6.58 ng	496824	Acenaphthene-d10	14.728

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	95
2	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	95
3	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	90
4	2-Thiophenecarboxylic acid, 5-et...	156	C7H8O2S	023229-72-3	59
5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	58





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP030223\
Data File : BP013938.D
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Operator : CG/JU
Sample : 01744-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
72-11939

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP021623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

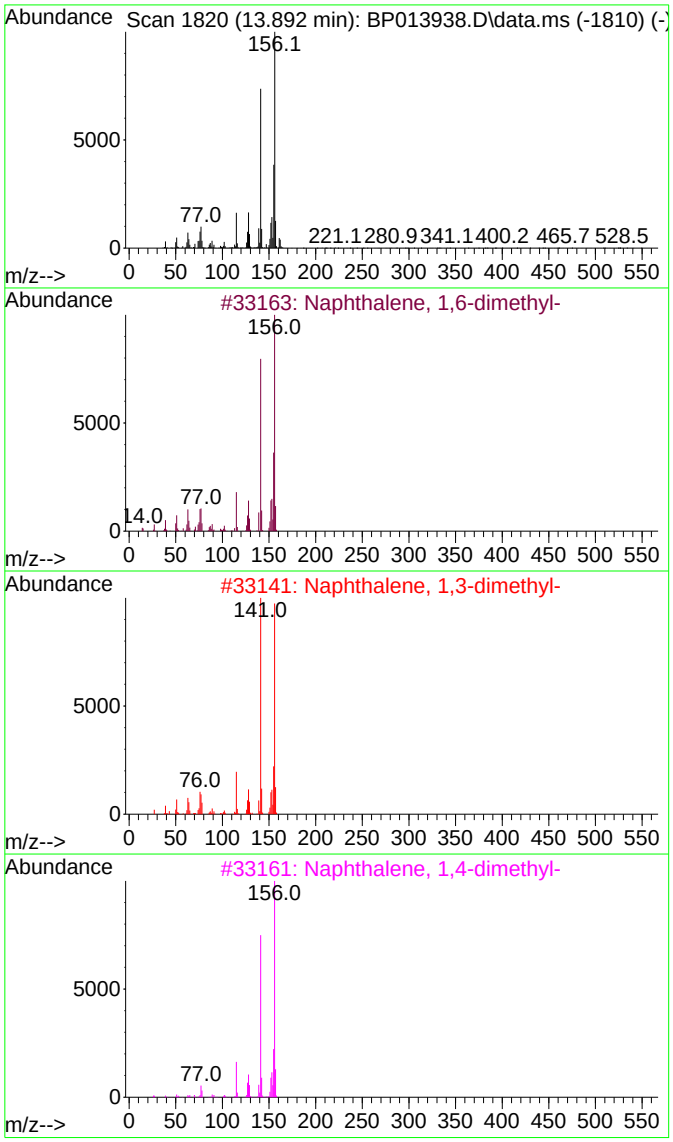
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

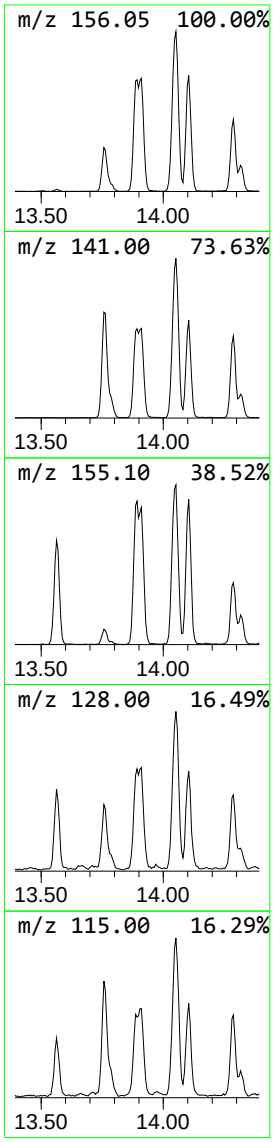
****

Peak Number 3 Naphthalene, 1,6-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.892	8.25 ng	622927	Acenaphthene-d10	14.728

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
2	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
3	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
4	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
5	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP030223\
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Acq On : 03 Mar 2023 00:12
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Sample : 01744-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
72-11939

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP021623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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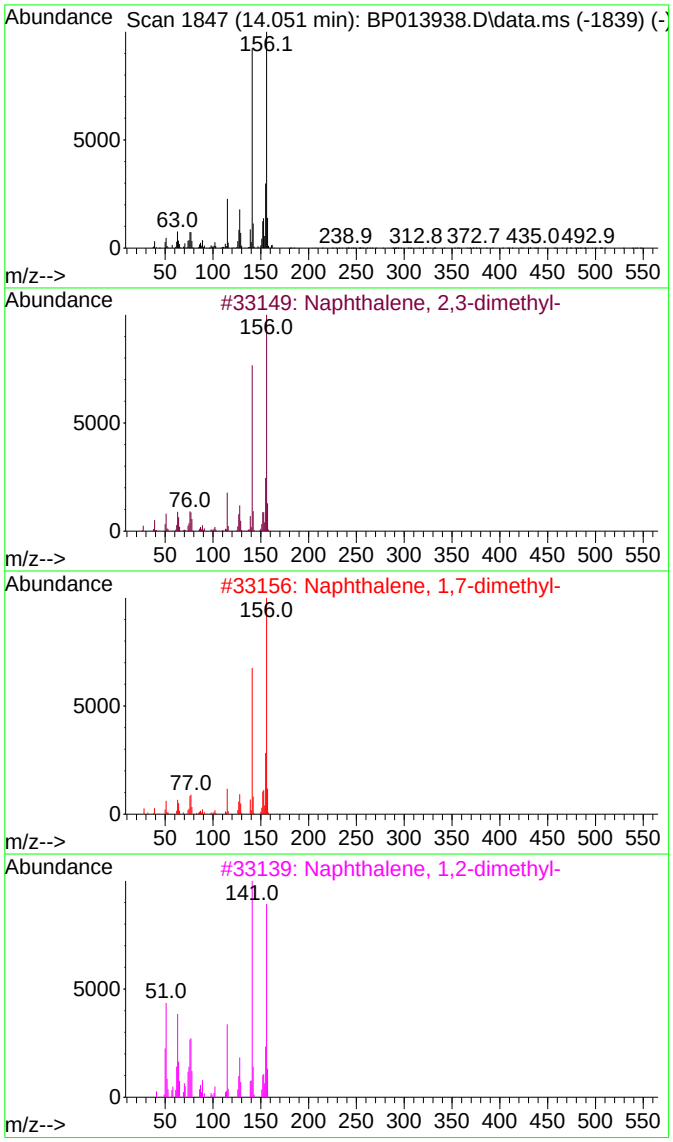
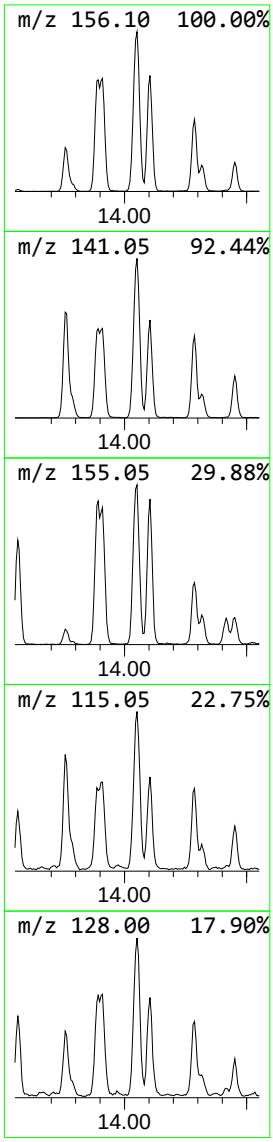
Peak Number 4 Naphthalene, 2,3-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.051	14.70 ng	1110230	Acenaphthene-d10	14.728

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, 1,2-dimethyl-	156	C12H12	000573-98-8	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\BP030223\
Data File : BP013938.D
Acq On : 03 Mar 2023 00:12
Operator : CG/JU
Sample : 01744-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
72-11939

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP021623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

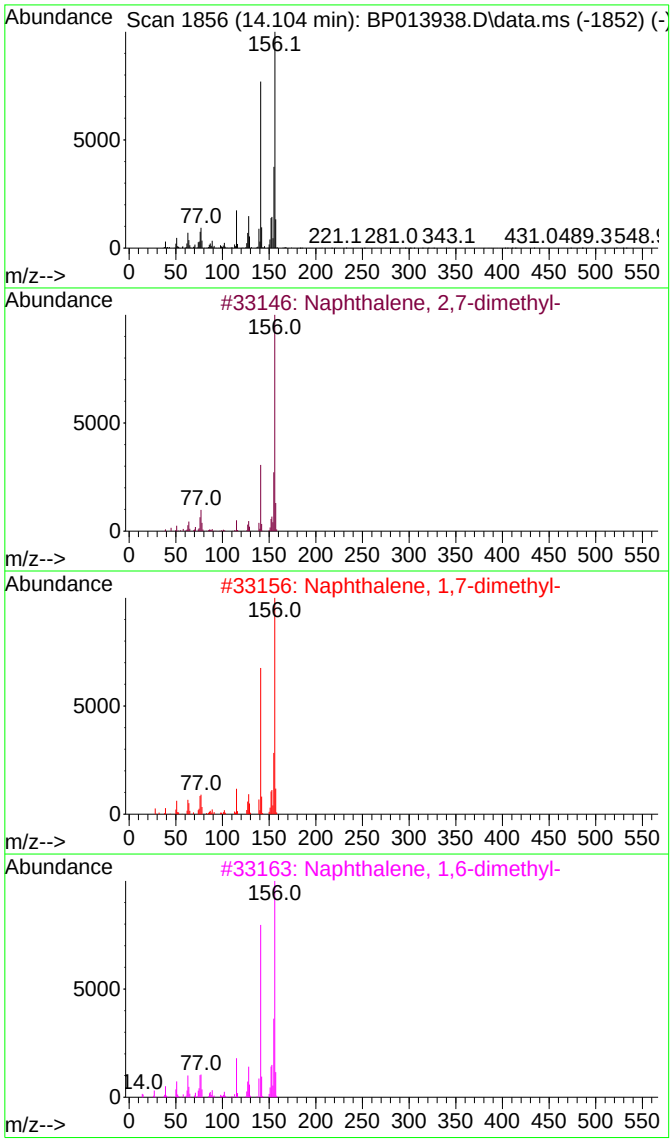
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

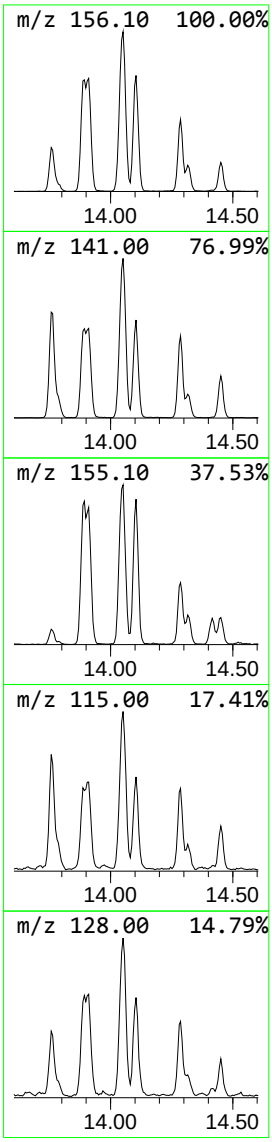
****

Peak Number 5 Naphthalene, 2,7-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.104	8.45 ng	637895	Acenaphthene-d10	14.728

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





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP030223\
Data File : BP013938.D
Acq On : 03 Mar 2023 00:12
Operator : CG/JU
Sample : 01744-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
72-11939

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP021623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

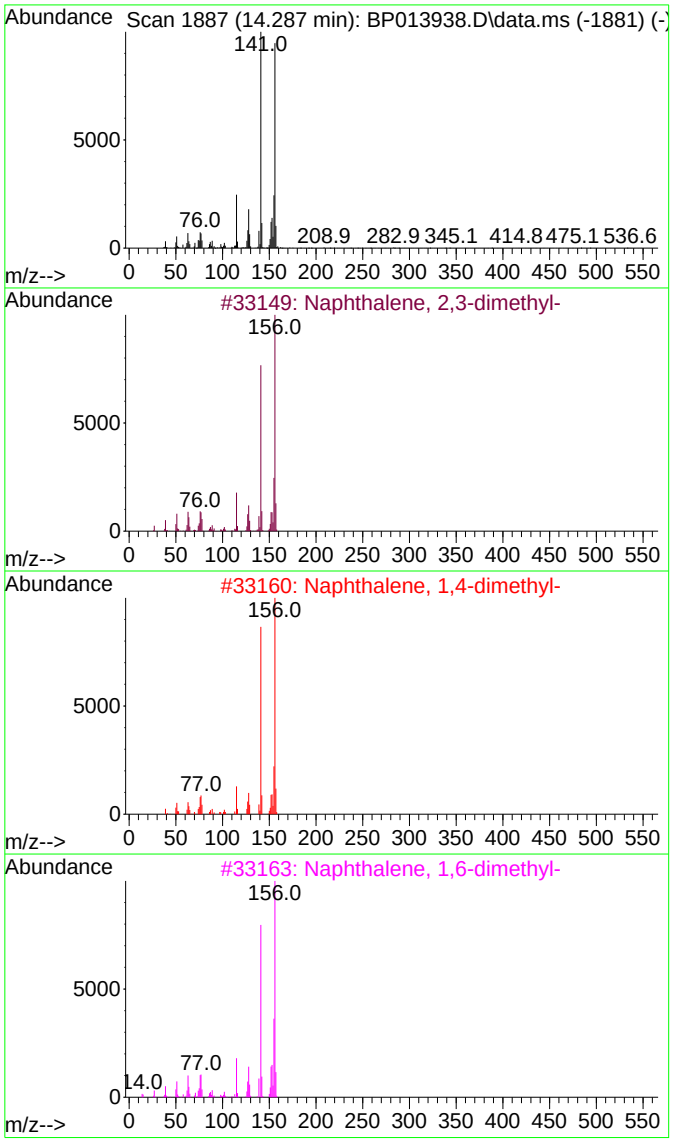
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

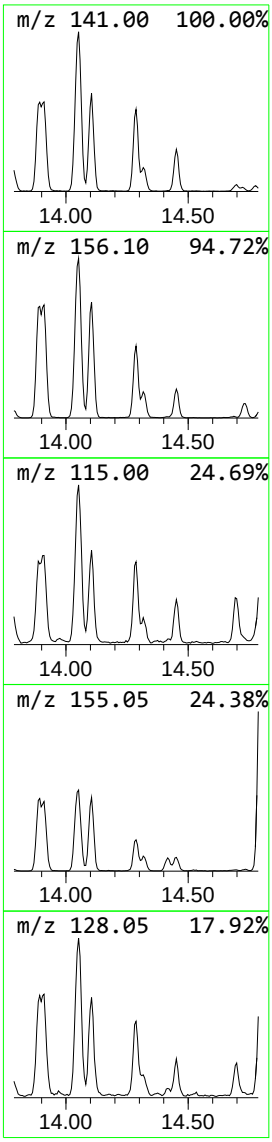
****

Peak Number 6 Naphthalene, 1,4-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.287	5.51 ng	416174	Acenaphthene-d10	14.728

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
4	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	95





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Acq On : 03 Mar 2023 00:12
Operator : CG/JU
Sample : 01744-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
72-11939

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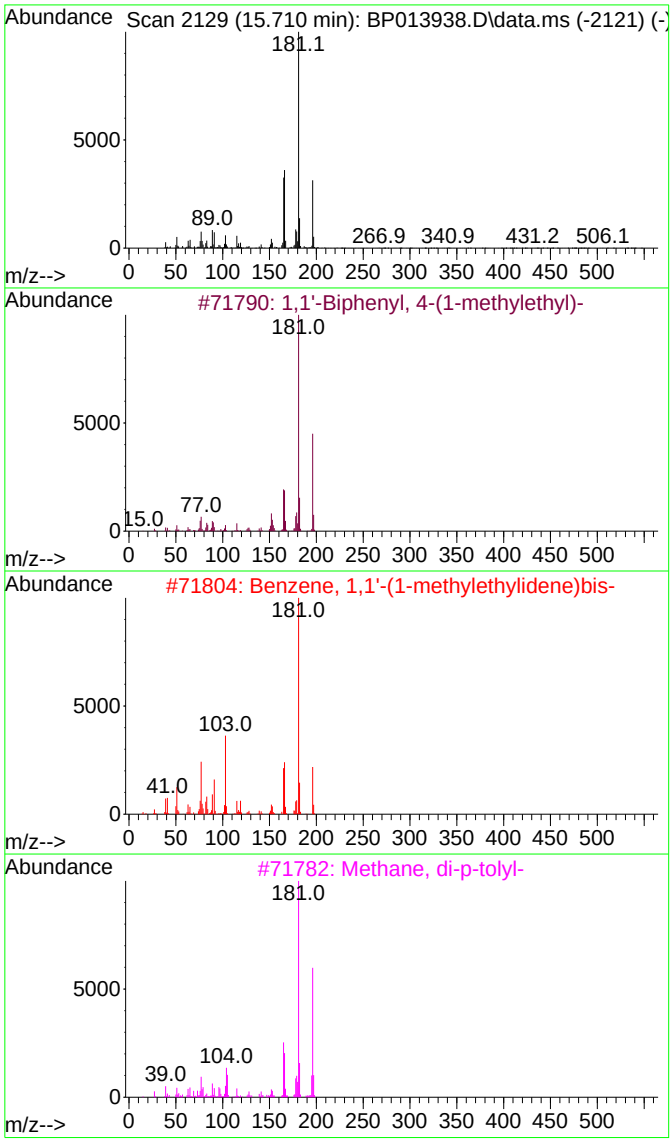
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

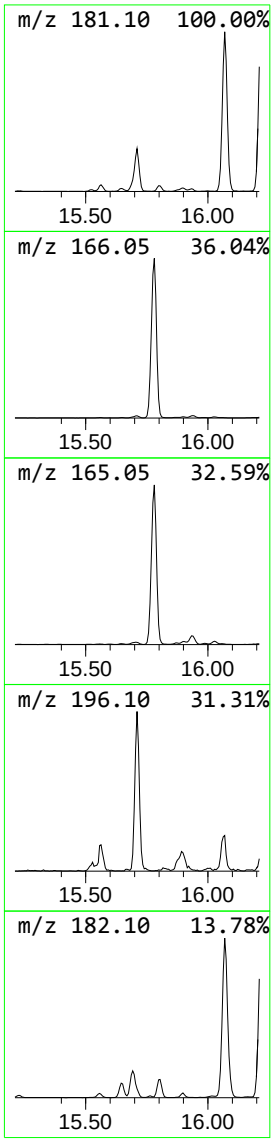
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 1,1'-Biphenyl, 4-(1-methyle... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.710	5.51 ng	416194	Acenaphthene-d10	14.728

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 4-(1-methylethyl)-	196	C15H16	007116-95-2	90
2	Benzene, 1,1'-(1-methylethyliden...	196	C15H16	000778-22-3	87
3	Methane, di-p-tolyl-	196	C15H16	004957-14-6	87
4	Xanthoxylin	196	C10H12O4	000090-24-4	59
5	2,2-diphenylpropionic acid, 2,2,...	308	C17H15F3O2	1000376-56-7	53





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Sample : 01744-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
72-11939

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

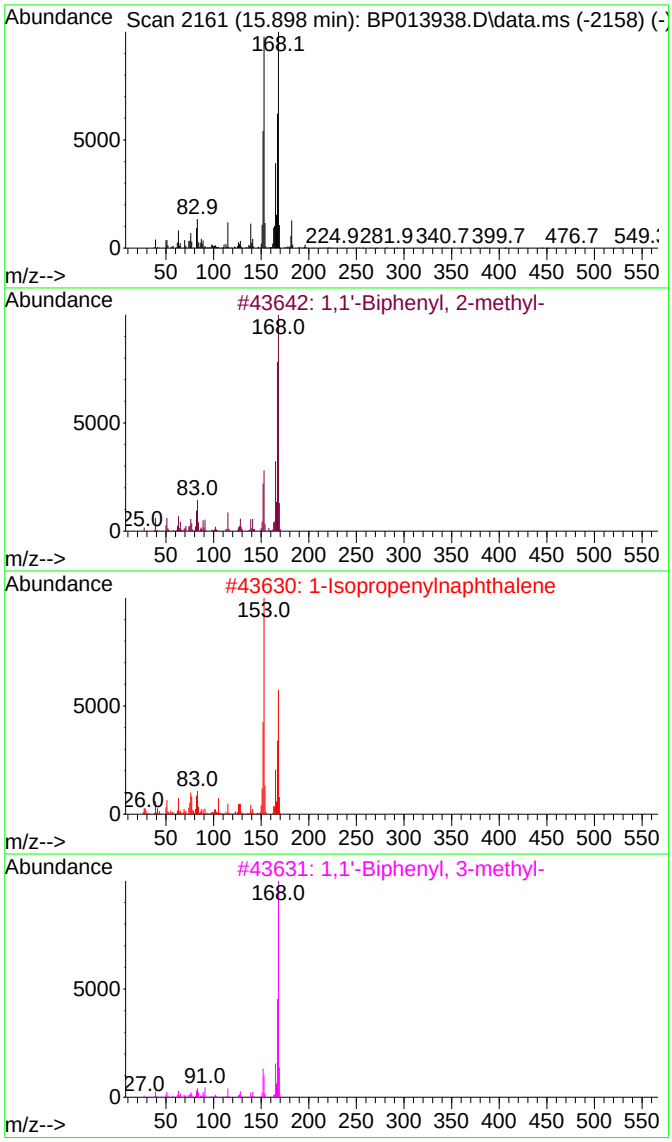
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

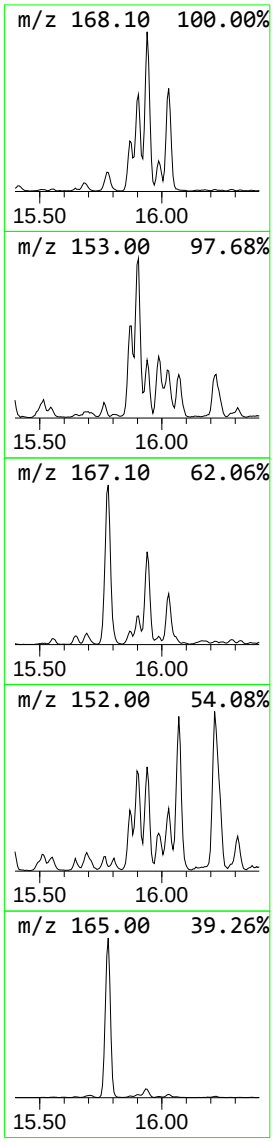
****

Peak Number 8 1,1'-Biphenyl, 2-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.898	5.70 ng	430288	Acenaphthene-d10	14.728

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	70
2	1-Isopropenylnaphthalene	168	C13H12	001855-47-6	68
3	1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	58
4	Benzene, [1-(2,4-cyclopentadien-...	168	C13H12	002320-32-3	53
5	Diphenylmethane	168	C13H12	000101-81-5	43





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

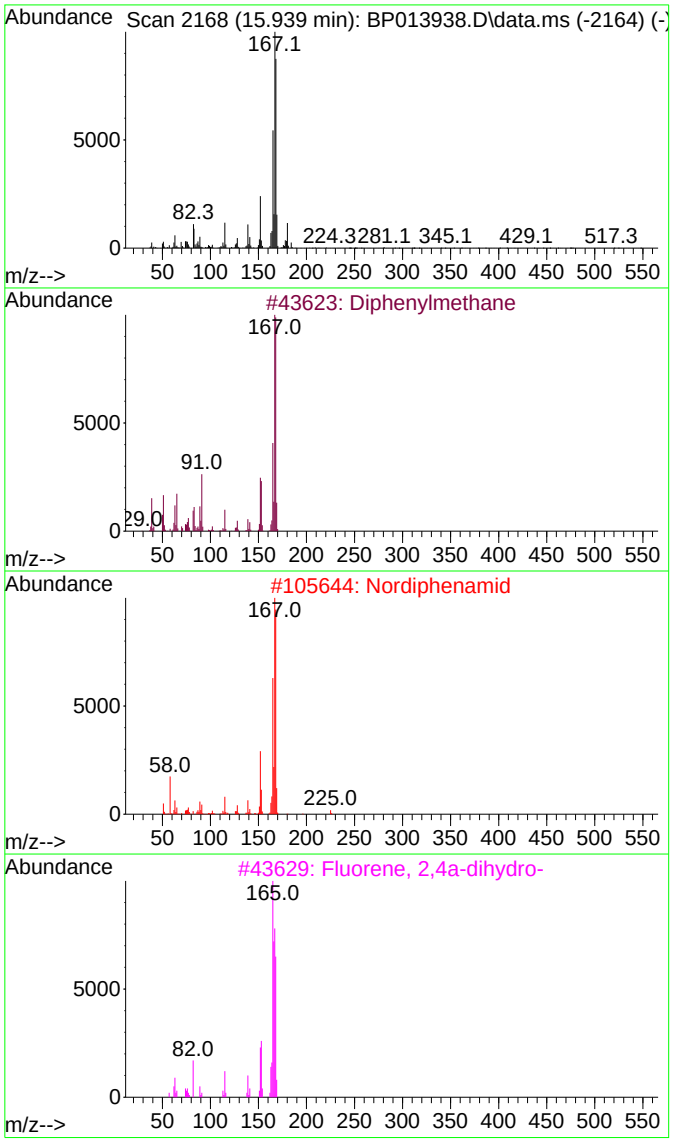
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

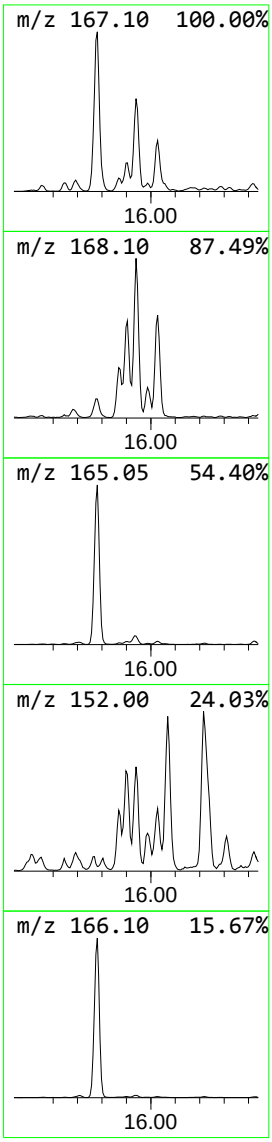
****

Peak Number 9 Diphenylmethane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.939	9.83 ng	742196	Acenaphthene-d10	14.728

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diphenylmethane	168	C13H12	000101-81-5	89
2	Nordiphenamid	225	C15H15NO	000954-21-2	87
3	Fluorene, 2,4a-dihydro-	168	C13H12	059247-36-8	68
4	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	68
5	Fluorene, 1,4-dihydro-	168	C13H12	041593-21-9	64





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

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

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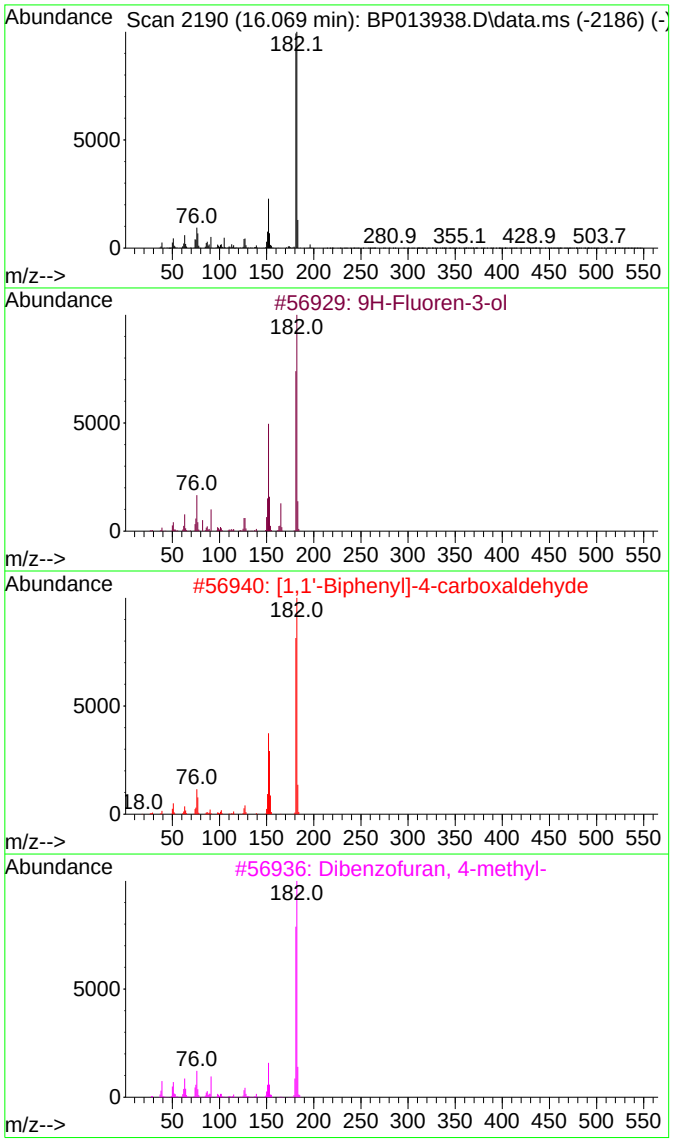
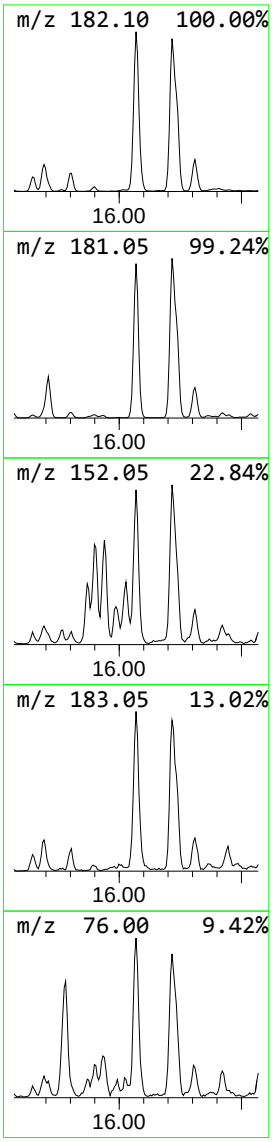
Peak Number 10 9H-Fluoren-3-ol Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.069	15.29 ng	1154210	Acenaphthene-d10	14.728

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-3-ol	182	C13H10O	006344-67-8	91
2	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	86
3	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	83
4	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	78
5	8-Methyl-5H-pyrido[4,3-b]indole	182	C12H10N2	088894-13-7	72





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Operator : CG/JU
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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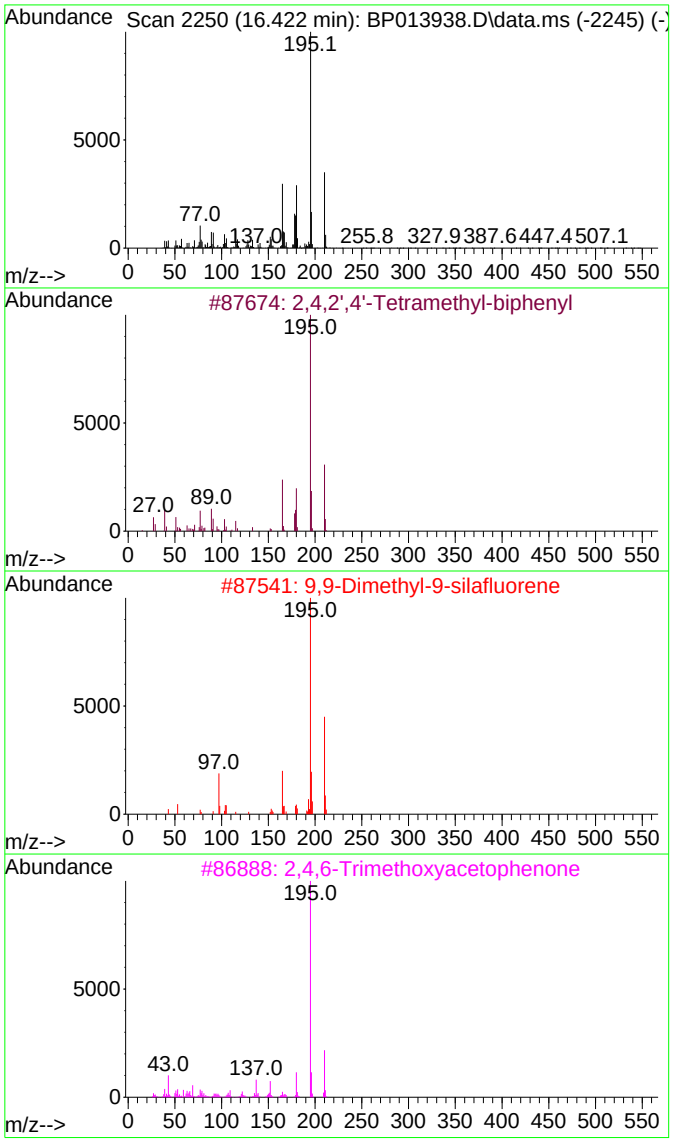
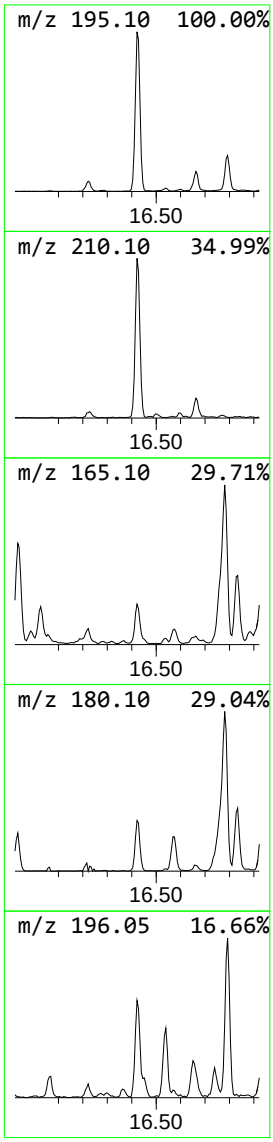
Peak Number 11 2,4,2',4'-Tetramethyl-biphenyl Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.422	8.27 ng	764677	Phenanthrene-d10	17.486

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,2',4'-Tetramethyl-biphenyl	210	C16H18	1000486-97-7	90
2	9,9-Dimethyl-9-silafluorene	210	C14H14Si	013688-68-1	64
3	2,4,6-Trimethoxyacetophenone	210	C11H14O4	000832-58-6	53
4	5H-Dibenz[b,f]azepine, 10,11-dih...	195	C14H13N	000494-19-9	53
5	Stilbene, 4-amino- (E)-	195	C14H13N	004309-66-4	49





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Misc :
ALS Vial : 20 Sample Multiplier: 1

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

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

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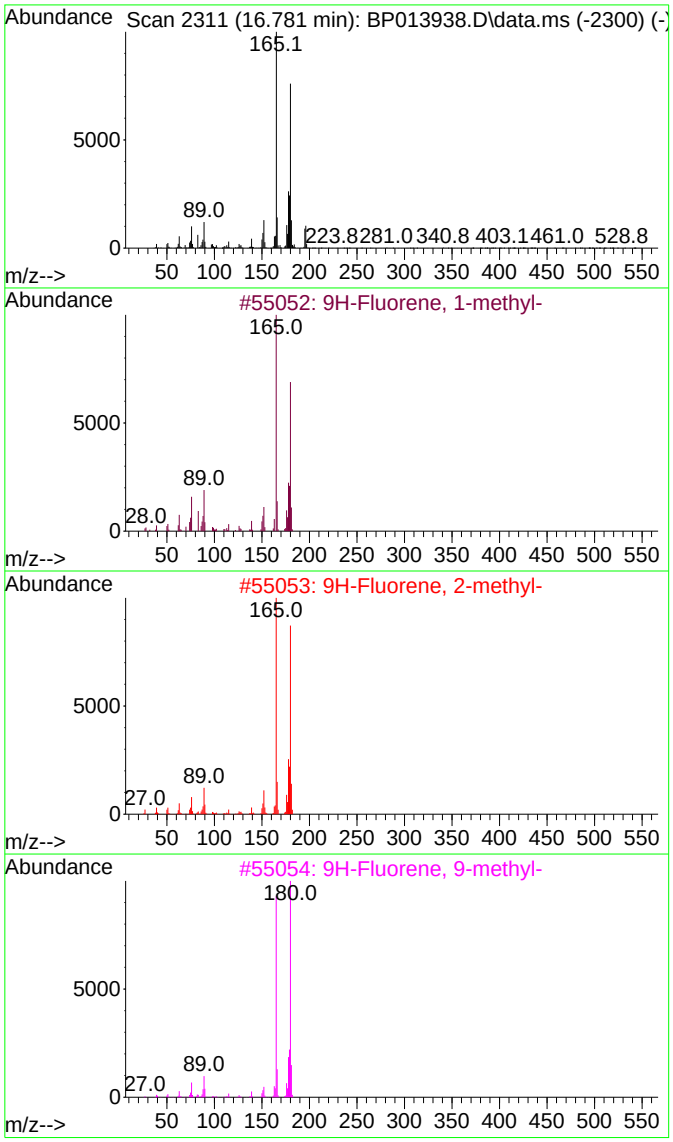
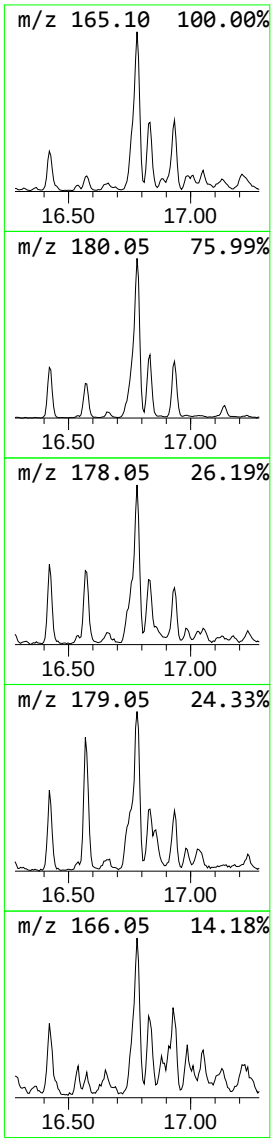
Peak Number 12 9H-Fluorene, 1-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.781	11.10 ng	1027240	Phenanthrene-d10	17.486

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	96
2	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	96
3	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	95
4	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	94
5	9H-Fluorene, 4-methyl-	180	C14H12	001556-99-6	91





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

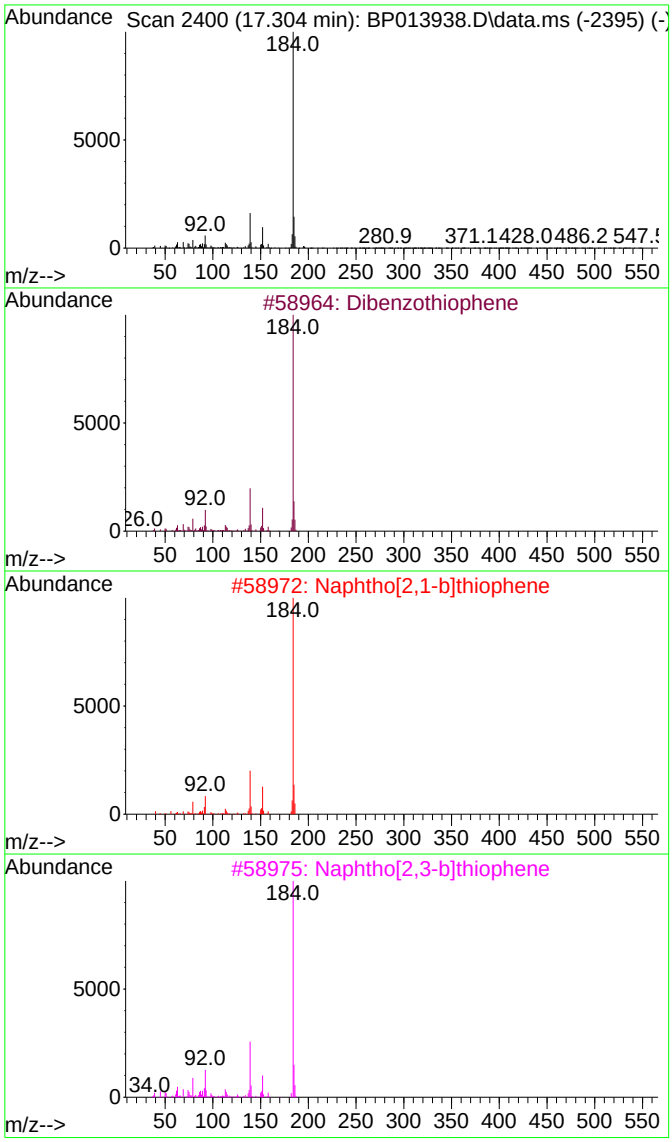
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

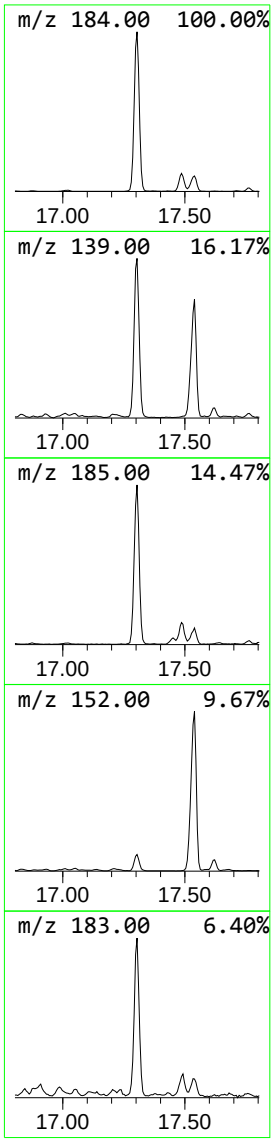
****

Peak Number 13 Dibenzothiophene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.304	23.39 ng	2163680	Phenanthrene-d10	17.486

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	97
3	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	95
4	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	95
5	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	91





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Misc :
ALS Vial : 20 Sample Multiplier: 1

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

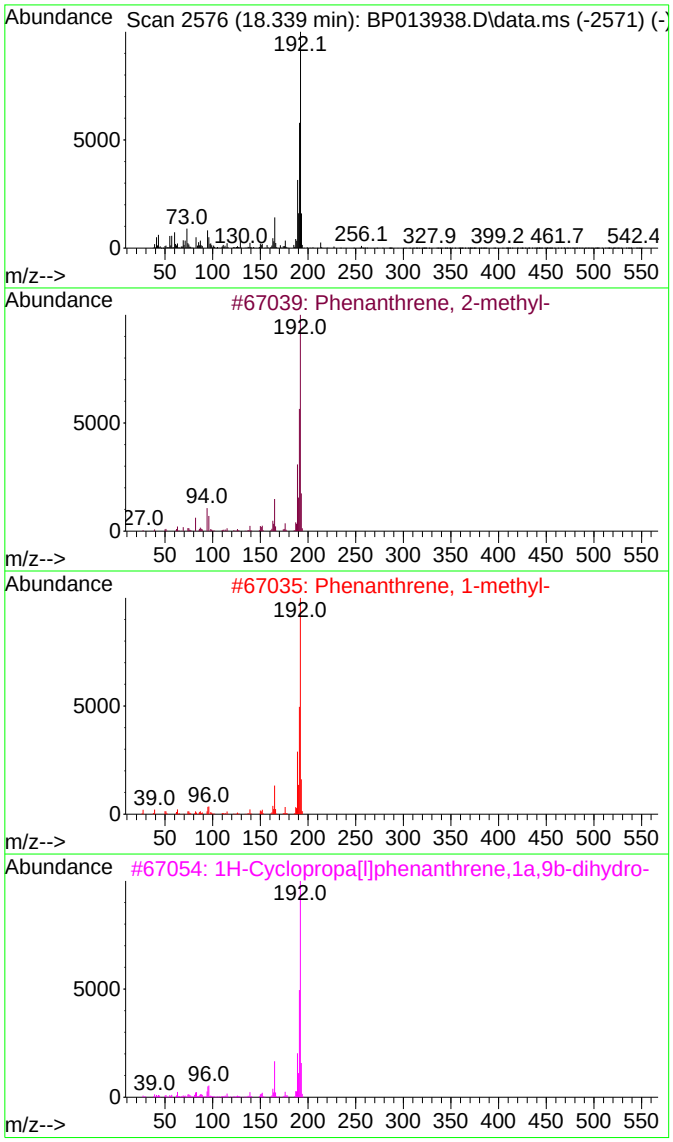
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

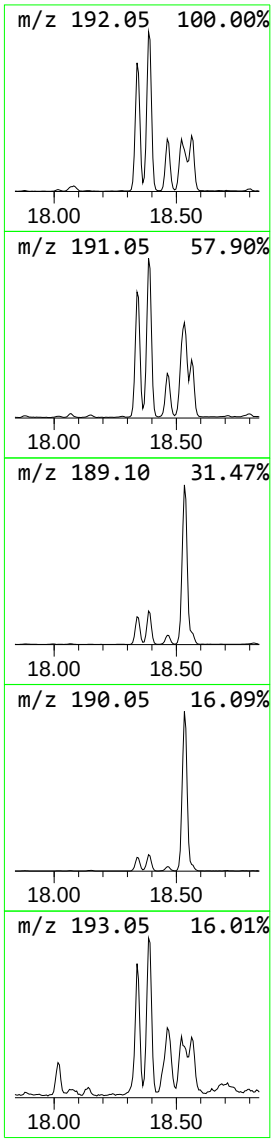
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.339	16.33 ng	1510660	Phenanthrene-d10	17.486

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	95
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

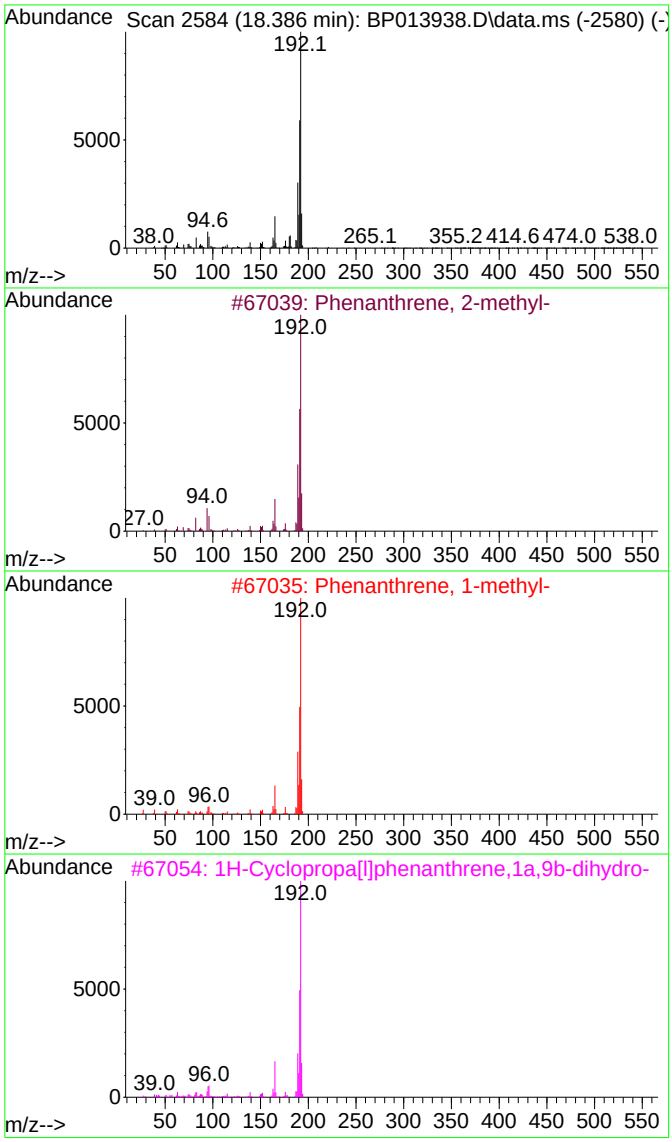
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

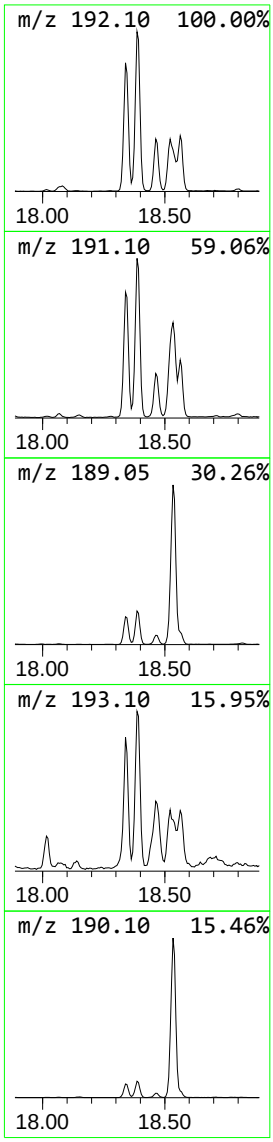
****

Peak Number 15 Phenanthrene, 1-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.386	18.14 ng	1677860	Phenanthrene-d10	17.486

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	94





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

****
Peak Number 16 1H-Cyclopropa[l]phenanthren... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.463	6.31 ng	583806	Phenanthrene-d10	17.486

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	96
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
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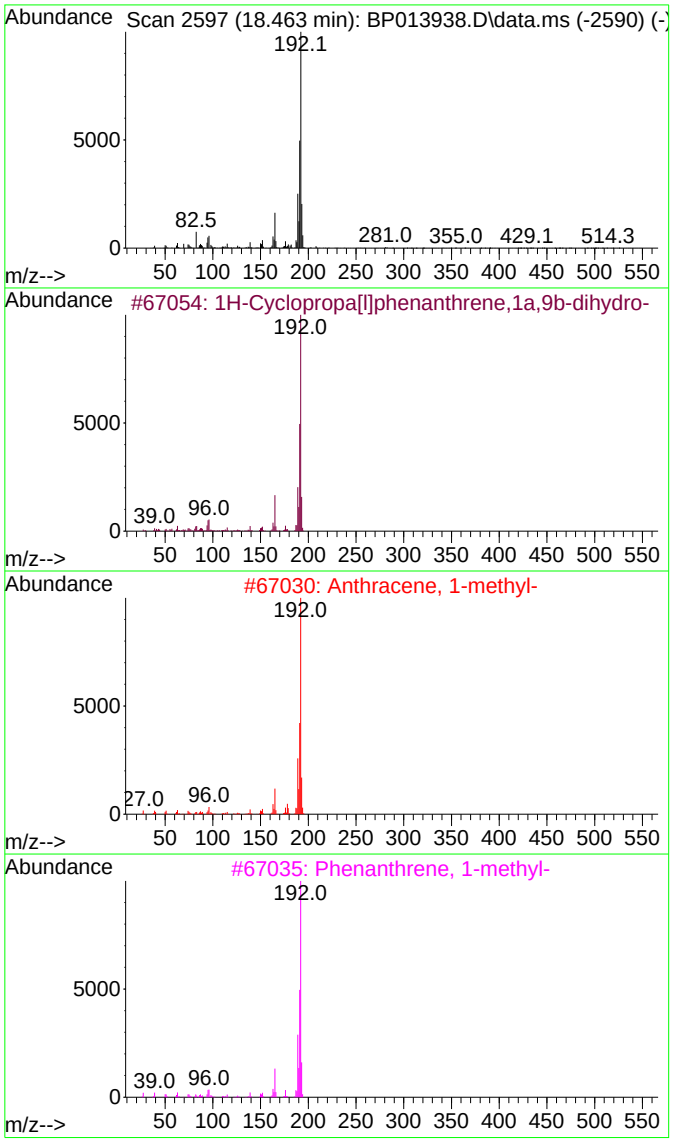
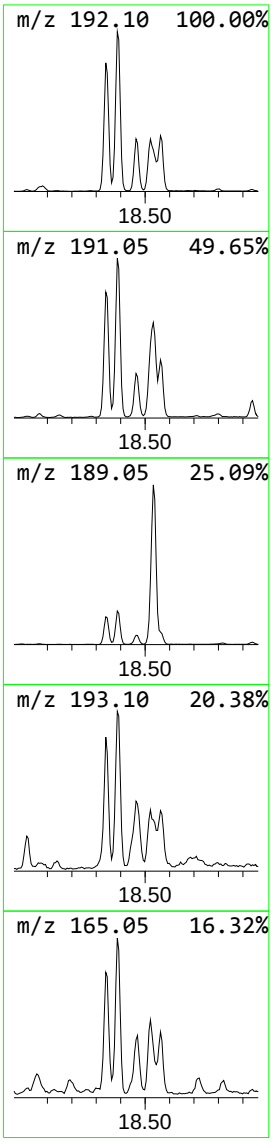
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94





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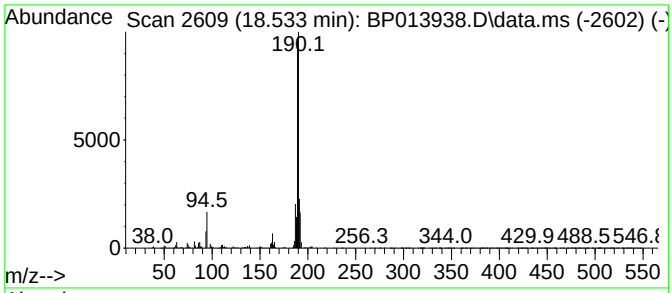
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

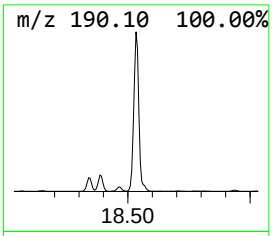
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

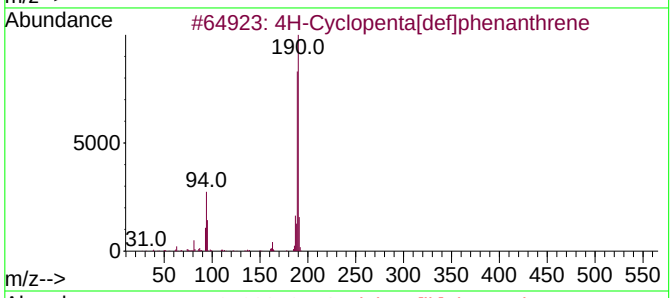
****
Peak Number 17 4H-Cyclopenta[def]phenanthrene Concentration Rank 1

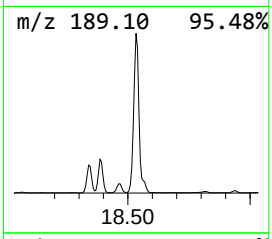
R.T.	EstConc	Area	Relative to ISTD	R.T.
18.533	33.69 ng	3116920	Phenanthrene-d10	17.486

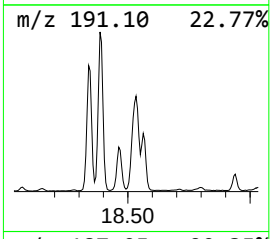
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	78
3	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	53
4	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	45
5	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	42

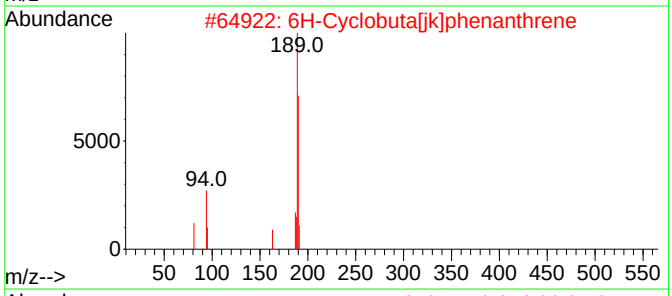


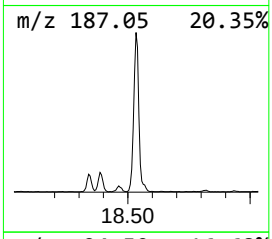


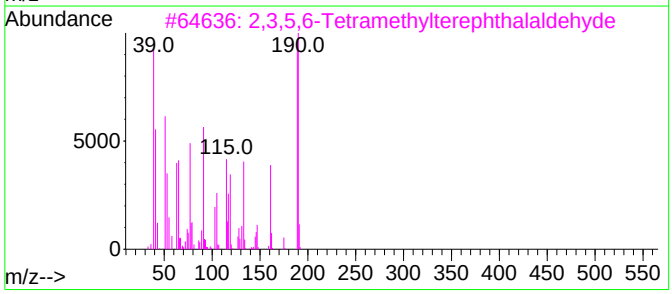


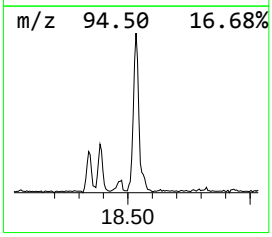












Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP030223\
Data File : BP013938.D
Acq On : 03 Mar 2023 00:12
Operator : CG/JU
Sample : 01744-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
72-11939

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP021623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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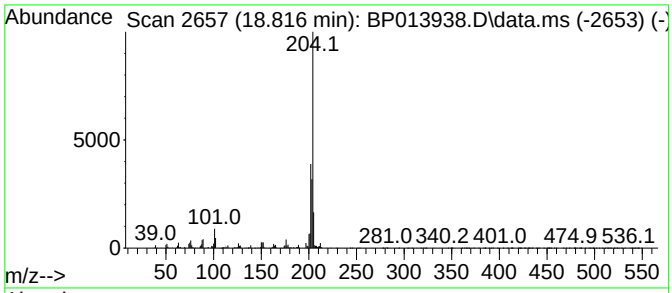
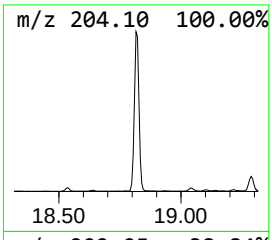
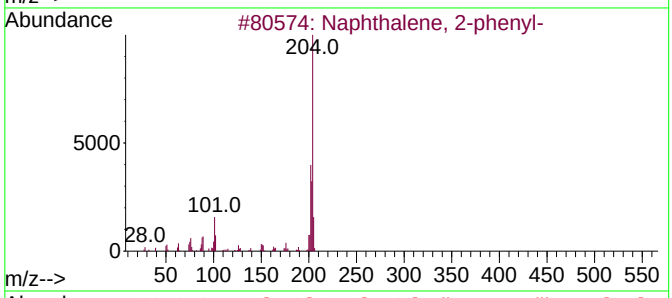
Peak Number 18 Naphthalene, 2-phenyl- Concentration Rank 10

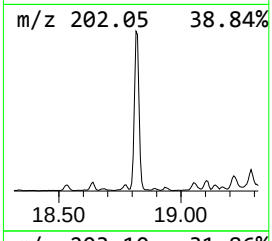
R.T.	EstConc	Area	Relative to ISTD	R.T.
18.816	9.74 ng	900770	Phenanthrene-d10	17.486

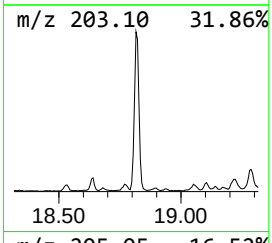
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	96
2	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	91
3	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	89
4	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	70
5	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	62

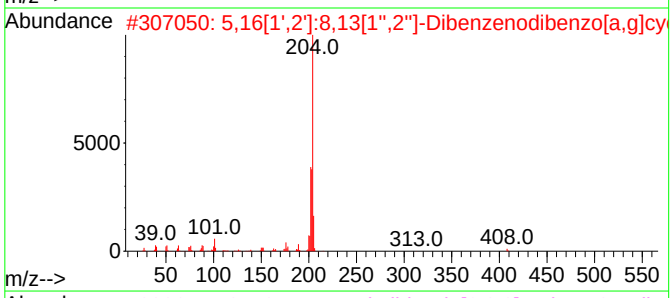


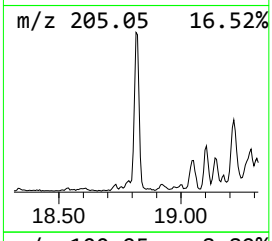


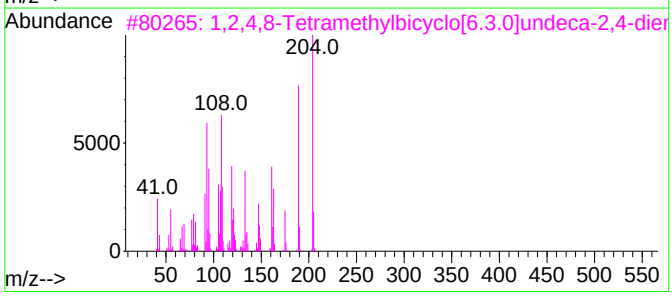


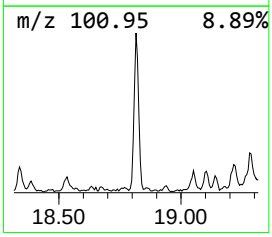












Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP030223\
Data File : BP013938.D
Acq On : 03 Mar 2023 00:12
Operator : CG/JU
Sample : 01744-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
72-11939

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP021623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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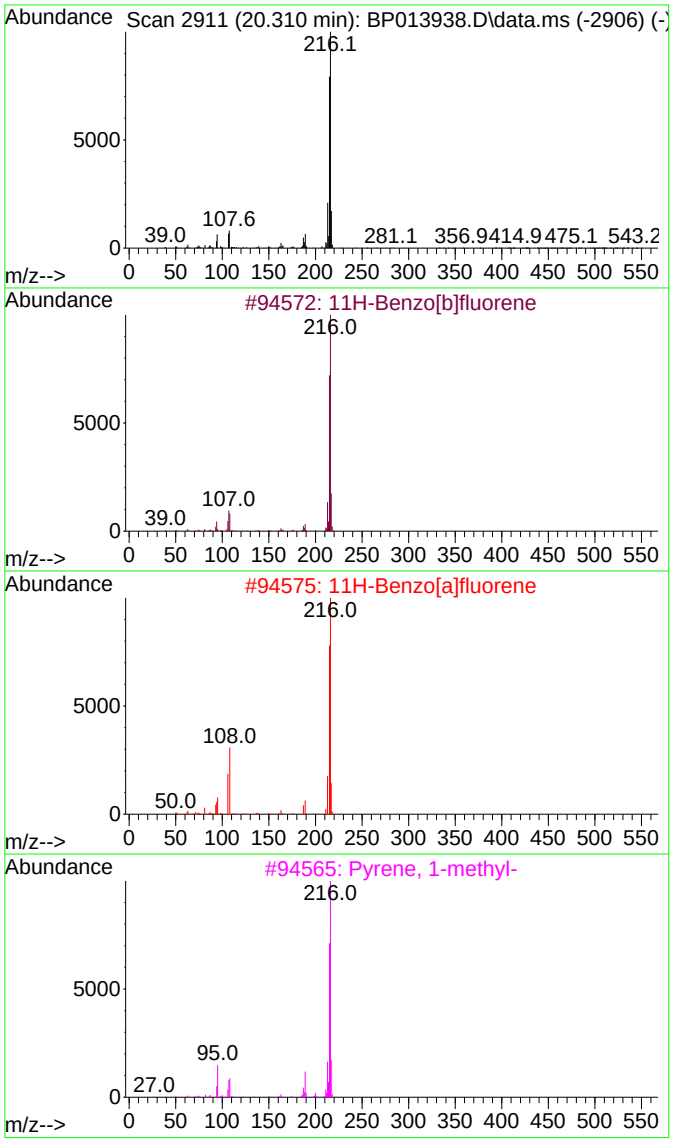
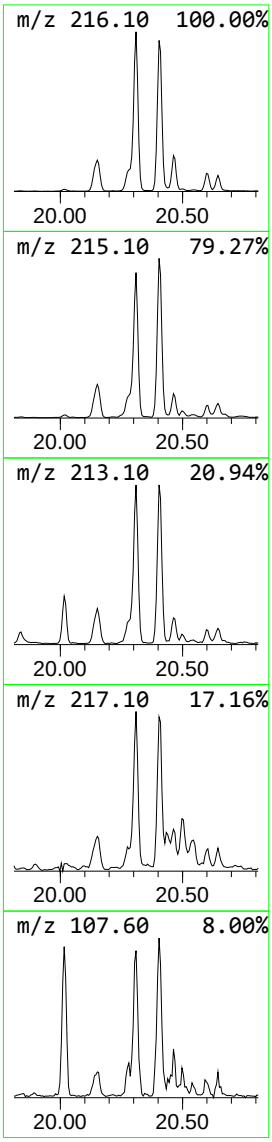
Peak Number 19 11H-Benzo[b]fluorene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.310	6.85 ng	1518730	Chrysene-d12	21.563

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	96
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	94
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	86





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Data File : BP013938.D
Acq On : 03 Mar 2023 00:12
Operator : CG/JU
Sample : 01744-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
72-11939

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP021623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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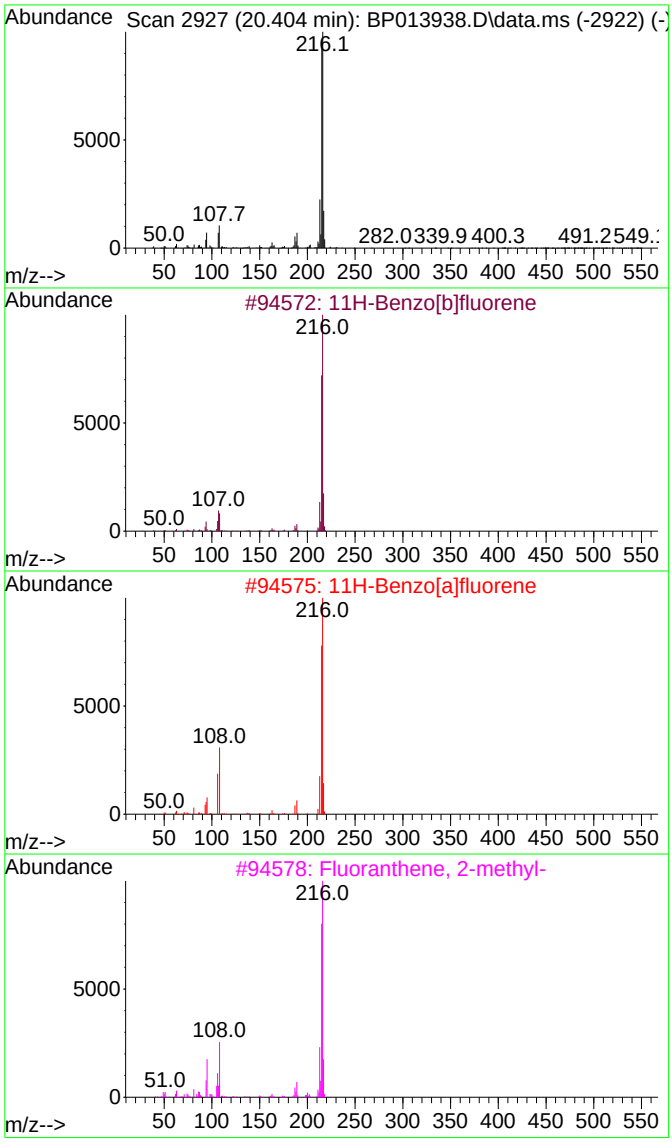
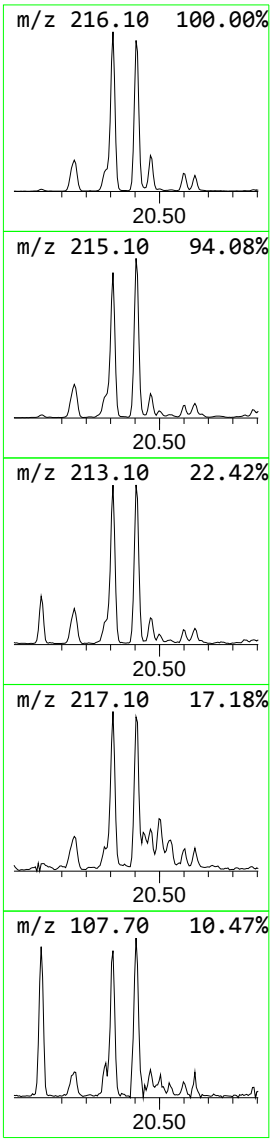
Peak Number 20 11H-Benzo[a]fluorene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.404	6.88 ng	1525380	Chrysene-d12	21.563

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	93
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	87
5	Pyridin-3-ol, 2-(4-nitrophenyl)-	216	C11H8N2O3	030820-89-4	59





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP030223\
Data File : BP013938.D
Acq On : 03 Mar 2023 00:12
Operator : CG/JU
Sample : 01744-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
72-11939

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP021623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-...	5.163	26.0	ng	1055440	1	8.093	813026	20.0
Naphthalene, 1-...	13.757	6.6	ng	496824	3	14.728	1510180	20.0
Naphthalene, 1,...	13.892	8.3	ng	622927	3	14.728	1510180	20.0
Naphthalene, 2,...	14.051	14.7	ng	1110230	3	14.728	1510180	20.0
Naphthalene, 2,...	14.104	8.4	ng	637895	3	14.728	1510180	20.0
Naphthalene, 1,...	14.287	5.5	ng	416174	3	14.728	1510180	20.0
1,1'-Biphenyl, ...	15.710	5.5	ng	416194	3	14.728	1510180	20.0
1,1'-Biphenyl, ...	15.898	5.7	ng	430288	3	14.728	1510180	20.0
Diphenylmethane	15.939	9.8	ng	742196	3	14.728	1510180	20.0
9H-Fluoren-3-ol	16.069	15.3	ng	1154210	3	14.728	1510180	20.0
2,4,2',4'-Tetra...	16.422	8.3	ng	764677	4	17.486	1850380	20.0
9H-Fluorene, 1-...	16.781	11.1	ng	1027240	4	17.486	1850380	20.0
Dibenzothiophene	17.304	23.4	ng	2163680	4	17.486	1850380	20.0
Phenanthrene, 2...	18.339	16.3	ng	1510660	4	17.486	1850380	20.0
Phenanthrene, 1...	18.386	18.1	ng	1677860	4	17.486	1850380	20.0
1H-Cyclopropa[l...	18.463	6.3	ng	583806	4	17.486	1850380	20.0
4H-Cyclopenta[d...	18.533	33.7	ng	3116920	4	17.486	1850380	20.0
Naphthalene, 2-...	18.816	9.7	ng	900770	4	17.486	1850380	20.0
11H-Benzo[b]flu...	20.310	6.8	ng	1518730	5	21.563	4434190	20.0
11H-Benzo[a]flu...	20.404	6.9	ng	1525380	5	21.563	4434190	20.0