LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032322\
Data File : BP009529.D
Acq On : 24 Mar 2022 04:11
Operator : CG/JU
Sample : N2061-01 10X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
RW-1-20220321-16.0-17.0

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-BP031722.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP009529.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.316	388	396	405	rBV	9927211	17141845	10.90%	0.466%
2	5.816	466	481	491	rBV4	3650070	9241556	5.87%	0.251%
3	7.022	680	686	697	rVB	5301608	9276493	5.90%	0.252%
4	7.446	751	758	768	rVV	16667623	32499884	20.66%	0.883%
5	7.910	831	837	845	rVV2	6553637	14484081	9.21%	0.394%
6	8.175	873	882	889	rVB	28501752	58389077	37.12%	1.587%
7	8.287	895	901	905	rBV	5834169	9726331	6.18%	0.264%
8	8.434	920	926	942	rVB	10503540	20398945	12.97%	0.554%
9	8.899	994	1005	1011	rVV	10538197	20003190	12.72%	0.544%
10	8.975	1011	1018	1029	rVB	6804306	13587110	8.64%	0.369%
11	9.481	1099	1104	1115	rVB	6731388	13542412	8.61%	0.368%
12	9.840	1160	1165	1177	rVB	9095867	19332575	12.29%	0.525%
13	10.004	1186	1193	1201	rBV3	7568074	22746701	14.46%	0.618%
14	10.099	1202	1209	1213	rBV3	6938615	15486069	9.84%	0.421%
15	10.693	1287	1310	1311	rBV2	35593397	148174302	94.19%	4.028%
16	10.775	1318	1324	1328	rBV2	8494457	14205224	9.03%	0.386%
17	11.640	1465	1471	1475	rBV3	6157812	12877056	8.19%	0.350%
18	11.698	1476	1481	1486	rVV4	5088140	12009787	7.63%	0.326%
19	11.793	1492	1497	1509	rVB3	5415621	13133544	8.35%	0.357%
20	12.151	1554	1558	1567	rVB	5903695	13724808	8.72%	0.373%
21	12.293	1570	1582	1587	rVB3	39234233	121432034	77.19%	3.301%
22	12.528	1605	1622	1626	rVV4	39257599	141105085	89.70%	3.836%
23	13.281	1743	1750	1758	rVB	19809494	36713244	23.34%	0.998%
24	13.487	1777	1785	1795	rVB	28155730	72602596	46.15%	1.973%
25	13.645	1800	1812	1817	rVV	34268578	108183057	68.77%	2.941%
26	13.698	1817	1821	1826	rVV2	7699435	11626137	7.39%	0.316%
27	13.798	1827	1838	1842	rVV	37614549	111162380	70.66%	3.022%
28	13.851	1842	1847	1854	rVV2	35591990	69302337	44.05%	1.884%
29	14.022	1867	1876	1879	rVV	25141138	51485377	32.73%	1.399%
30	14.051	1879	1881	1886	rVB	12337385	13344685	8.48%	0.363%
31	14.181	1893	1903	1916	rVB3	28054215	57182203	36.35%	1.554%
32	14.439	1940	1947	1954	rBV	20120970	34626282	22.01%	0.941%
33	14.539	1954	1964	1969	rVV3	41877912	109661468	69.71%	2.981%
34	14.669	1978	1986	1994	rBV3	19516422	49775154	31.64%	1.353%
35	14.745	1994	1999	2006	rBV4	5038250	9933279	6.31%	0.270%
36	14.857	2006	2018	2025	rVB3	23894928	57674856	36.66%	1.568%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032322\
Data File : BP009529.D
Acq On : 24 Mar 2022 04:11
Operator : CG/JU
Sample : N2061-01 10X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
RW-1-20220321-16.0-17.0

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-BP031722.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	14.934	2025	2031	2036	rVB	18732399	30731463	19.54%	0.835%
38	14.986	2036	2040	2046	rVB4	5886291	9825490	6.25%	0.267%
39	15.075	2047	2055	2060	rBV2	15466079	33971273	21.60%	0.923%
40	15.128	2060	2064	2068	rVB	11477867	16443783	10.45%	0.447%
41	15.245	2076	2084	2088	rBV2	11600117	31373953	19.94%	0.853%
42	15.281	2088	2090	2094	rVV2	8941189	10715153	6.81%	0.291%
43	15.328	2094	2098	2104	rVB	7373527	10910833	6.94%	0.297%
44	15.445	2114	2118	2123	rVB2	8284298	17030706	10.83%	0.463%
45	15.522	2123	2131	2140	rVB4	32187110	77713693	49.40%	2.112%
46	15.610	2140	2146	2149	rBV2	14265086	27794706	17.67%	0.756%
47	15.722	2160	2165	2169	rBV2	15015571	24269475	15.43%	0.660%
48	15.804	2174	2179	2190	rVB4	10639538	30801537	19.58%	0.837%
49	15.922	2194	2199	2202	rBV	14416140	24038075	15.28%	0.653%
50	16.039	2211	2219	2227	rVB3	3661025	11314553	7.19%	0.308%
51	16.186	2239	2244	2253	rVB3	7228527	19307843	12.27%	0.525%
52	16.516	2292	2300	2305	rBV2	13177121	32477965	20.65%	0.883%
53	16.569	2305	2309	2315	rVB2	11194413	16594243	10.55%	0.451%
54	16.669	2321	2326	2331	rVB2	9180737	14544513	9.25%	0.395%
55	16.875	2357	2361	2369	rVB4	8270796	14924323	9.49%	0.406%
56	17.039	2381	2389	2405	rVB	27276953	59037474	37.53%	1.605%
57	17.304	2419	2434	2438	rBV3	40655417	157309005	100.00%	4.276%
58	17.380	2440	2447	2450	rVV2	33996313	63383409	40.29%	1.723%
59	17.422	2450	2454	2458	rVB4	5789751	10469155	6.66%	0.285%
60	17.633	2486	2490	2498	rBV5	4347739	10666715	6.78%	0.290%
61	17.739	2504	2508	2512	rVB	8917097	12475409	7.93%	0.339%
62	17.804	2513	2519	2527	rVB2	15847964	28275816	17.97%	0.769%
63	17.945	2537	2543	2549	rVB2	13960172	29266870	18.60%	0.796%
64	18.098	2562	2569	2573	rVV	30449812	62648750	39.83%	1.703%
65	18.151	2573	2578	2584	rVB2	33428716	55665400	35.39%	1.513%
66	18.227	2585	2591	2596	rBV	15842009	28845566	18.34%	0.784%
67	18.292	2596	2602	2606	rVV2	36135019	80784090	51.35%	2.196%
68	18.327	2606	2608	2612	rVB	24879763	27765329	17.65%	0.755%
69	18.575	2645	2650	2654	rBV	19494670	28553214	18.15%	0.776%
70	18.863	2695	2699	2703	rBV	8096245	12091318	7.69%	0.329%
71	18.904	2703	2706	2710	rVB2	7403056	10224600	6.50%	0.278%
72	18.986	2714	2720	2724	rBV2	19375926	35892633	22.82%	0.976%
73	19.139	2739	2746	2751	rBV3	5552199	15163018	9.64%	0.412%
74	19.257	2758	2766	2770	rBV2	37608377	84394736	53.65%	2.294%
75	19.398	2784	2790	2794	rBV	21917940	34602732	22.00%	0.941%
76	19.480	2800	2804	2816	rVB4	7283718	21360836	13.58%	0.581%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032322\
Data File : BP009529.D
Acq On : 24 Mar 2022 04:11
Operator : CG/JU
Sample : N2061-01 10X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
RW-1-20220321-16.0-17.0

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-BP031722.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	19.622	2818	2828	2833	rVV3	39907824	119921107	76.23%	3.260%
78	19.669	2833	2836	2842	rVB2	6077051	10268414	6.53%	0.279%
79	19.927	2873	2880	2886	rBV	10254906	23009870	14.63%	0.625%
80	20.086	2896	2907	2911	rVB	22333050	59359535	37.73%	1.614%
81	20.186	2919	2924	2928	rVB	17343513	25472154	16.19%	0.692%
82	20.245	2929	2934	2944	rVB	17175987	31724615	20.17%	0.862%
83	20.339	2944	2950	2954	rBV3	18142019	32565253	20.70%	0.885%
84	20.380	2954	2957	2961	rVV	15078109	23358605	14.85%	0.635%
85	20.422	2961	2964	2972	rVB	17889186	26502060	16.85%	0.720%
86	20.798	3021	3028	3032	rBV5	5936016	14178054	9.01%	0.385%
87	21.016	3062	3065	3069	rVB	11800329	14493549	9.21%	0.394%
88	21.063	3069	3073	3076	rBV	8207965	11002915	6.99%	0.299%
89	21.327	3111	3118	3121	rBV2	35772335	70260058	44.66%	1.910%
90	21.380	3123	3127	3135	rVB	33005299	54362523	34.56%	1.478%
91	21.498	3142	3147	3151	rBV2	7158948	10944554	6.96%	0.297%
92	21.916	3213	3218	3223	rVV2	9882413	16661725	10.59%	0.453%
93	22.127	3249	3254	3257	rBV2	5238237	10787087	6.86%	0.293%
94	23.033	3399	3408	3418	rBV	16092655	60406733	38.40%	1.642%
95	23.204	3431	3437	3444	rVB	8045282	15683493	9.97%	0.426%
96	23.551	3487	3496	3503	rVB	14013129	35254200	22.41%	0.958%
97	23.668	3505	3516	3521	rBV2	25050630	64027906	40.70%	1.740%
98	23.810	3535	3540	3548	rVB3	6127050	13922544	8.85%	0.378%
99	26.292	3951	3962	3971	rVB	10145437	34618622	22.01%	0.941%
100	27.068	4084	4094	4108	rVB2	7829166	30656381	19.49%	0.833%

Sum of corrected areas: 3678892776

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032322\
Data File : BP009529.D
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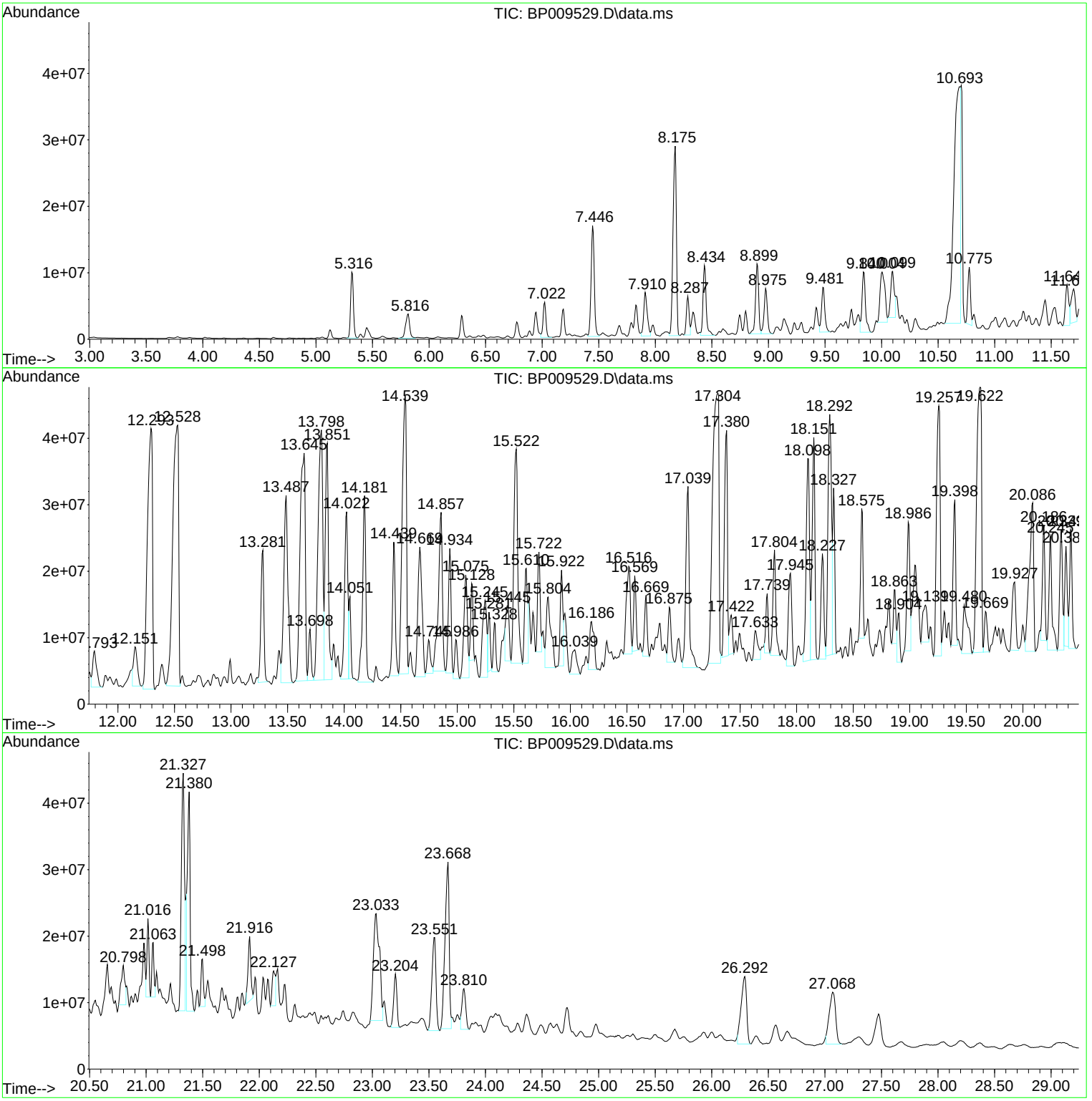
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
RW-1-20220321-16.0-17.0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.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\BP032322\
Data File : BP009529.D
Acq On : 24 Mar 2022 04:11
Operator : CG/JU
Sample : N2061-01 10X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
RW-1-20220321-16.0-17.0

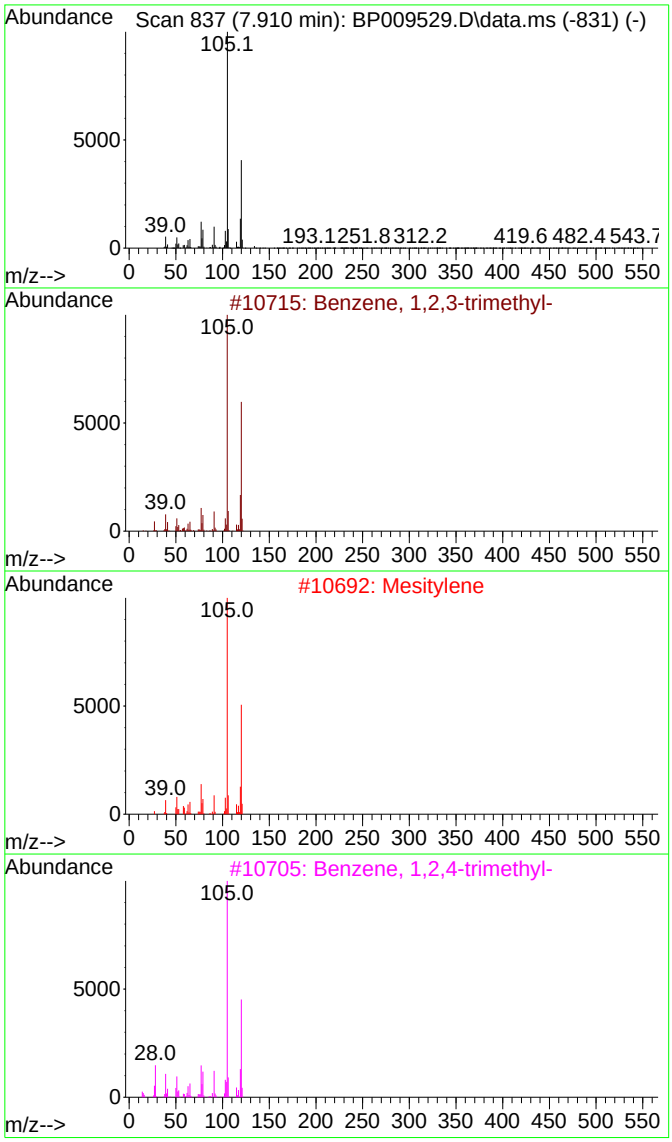
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

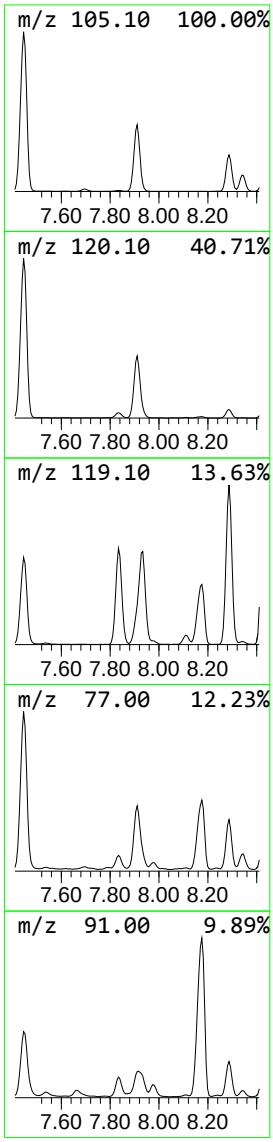
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Benzene, 1,2,3-trimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.910	20.00 ng	14484100	1,4-Dichlorobenzene-d4	7.793

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
2	Mesitylene	120	C9H12	000108-67-8	94
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	90
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032322\
Data File : BP009529.D
Acq On : 24 Mar 2022 04:11
Operator : CG/JU
Sample : N2061-01 10X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
RW-1-20220321-16.0-17.0

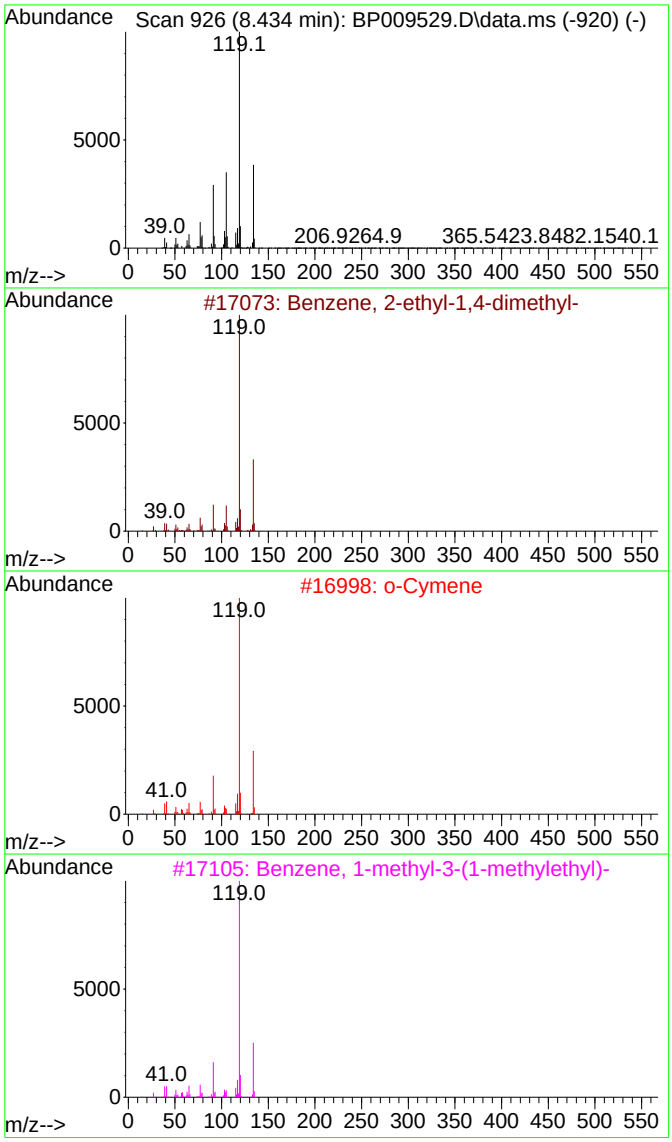
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

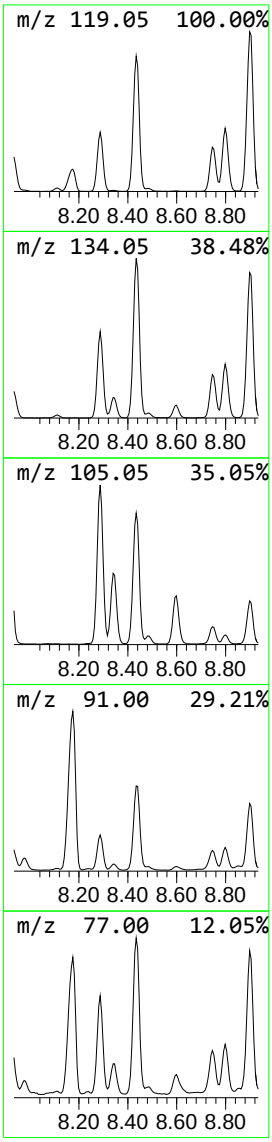
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.434	28.17 ng	20398900	1,4-Dichlorobenzene-d4	7.793

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
2	o-Cymene	134	C10H14	000527-84-4	93
3	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	91
4	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	90
5	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032322\
Data File : BP009529.D
Acq On : 24 Mar 2022 04:11
Operator : CG/JU
Sample : N2061-01 10X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
RW-1-20220321-16.0-17.0

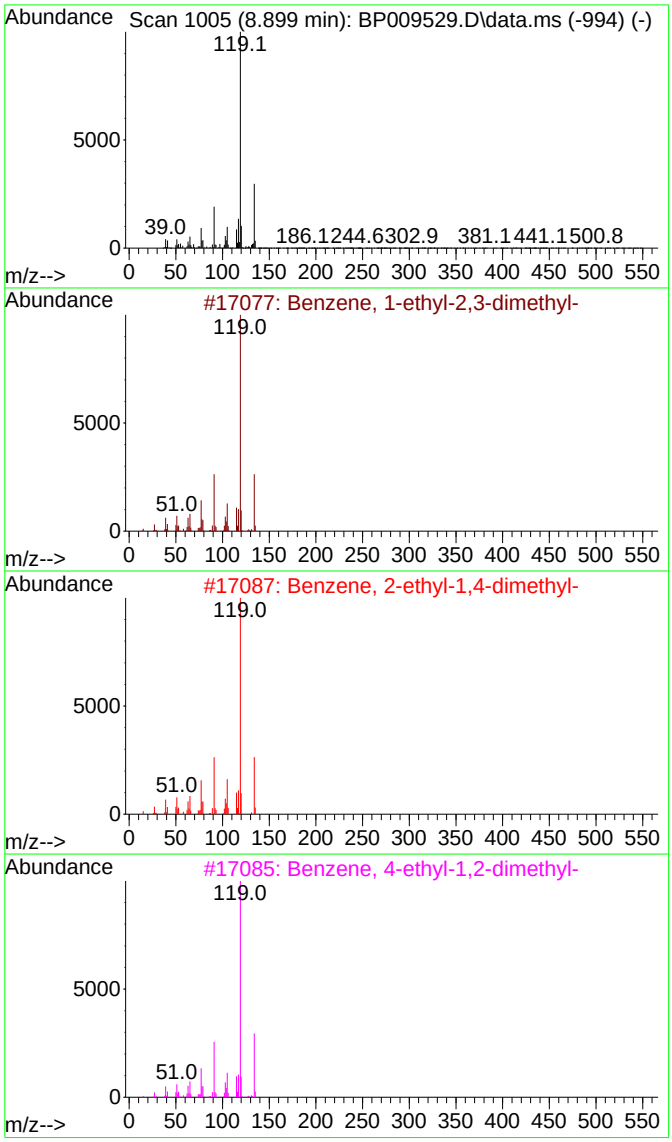
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

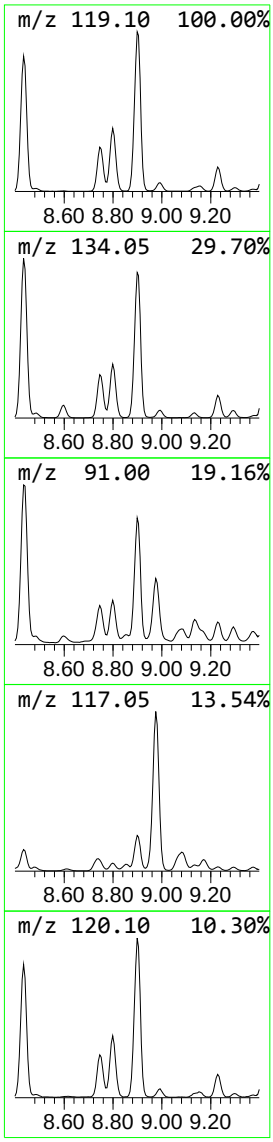
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Benzene, 1-ethyl-2,3-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.899	27.62 ng	20003200	1,4-Dichlorobenzene-d4	7.793

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	96
2	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	96
3	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	96
4	o-Cymene	134	C10H14	000527-84-4	95
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032322\
Data File : BP009529.D
Acq On : 24 Mar 2022 04:11
Operator : CG/JU
Sample : N2061-01 10X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
RW-1-20220321-16.0-17.0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

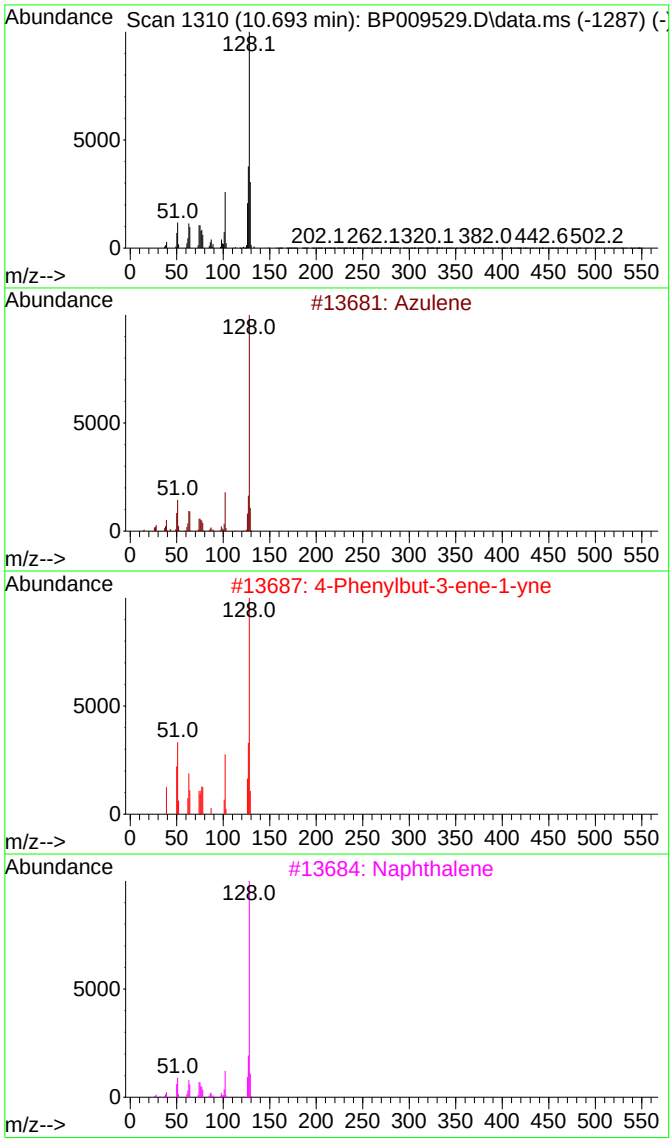
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

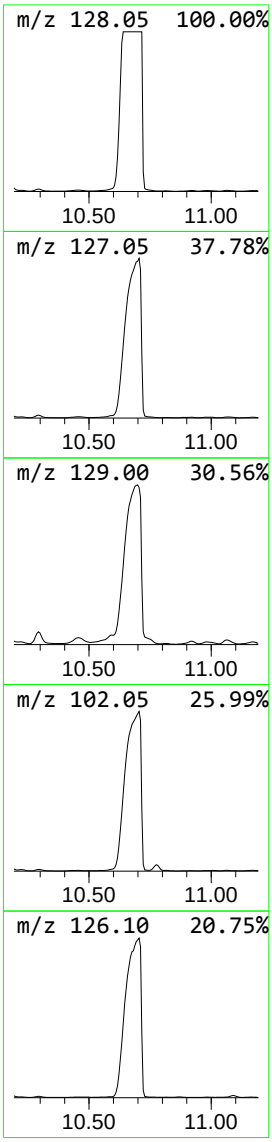
****

Peak Number 6 Azulene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.693	20.00 ng	148174000	Naphthalene-d8	10.604

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Azulene	128	C10H8	000275-51-4	81
2	4-Phenylbut-3-ene-1-yne	128	C10H8	1000222-12-0	76
3	Naphthalene	128	C10H8	000091-20-3	76
4	1H-Indene, 1-methylene-	128	C10H8	002471-84-3	64
5	[4.2.2]Propella-2,4,7,9-tetraene	128	C10H8	088090-34-0	52





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032322\
Data File : BP009529.D
Acq On : 24 Mar 2022 04:11
Operator : CG/JU
Sample : N2061-01 10X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
RW-1-20220321-16.0-17.0

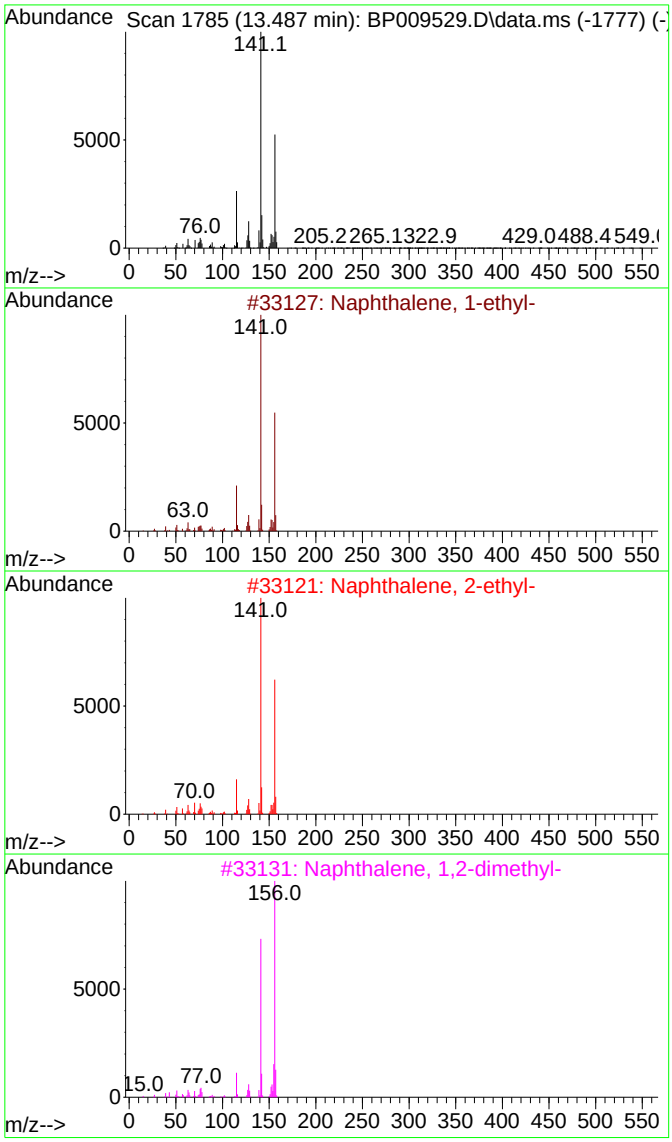
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

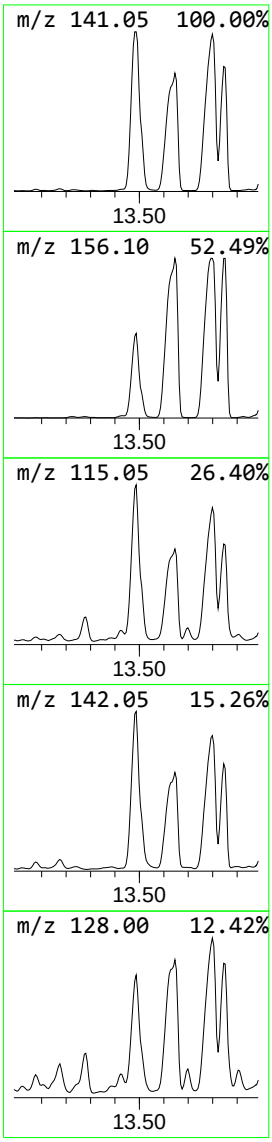
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Naphthalene, 1-ethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.487	41.94 ng	72602600	Acenaphthene-d10	14.445

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	96
2	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	95
3	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	91
4	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	91
5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	90





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Acq On : 24 Mar 2022 04:11
Operator : CG/JU
Sample : N2061-01 10X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
RW-1-20220321-16.0-17.0

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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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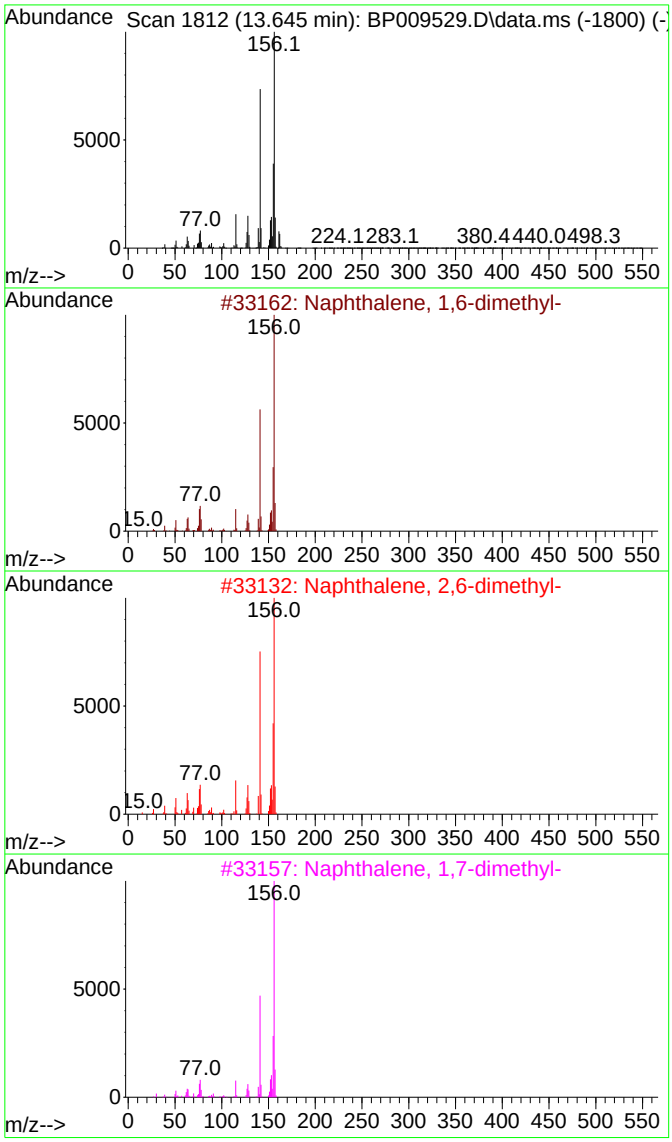
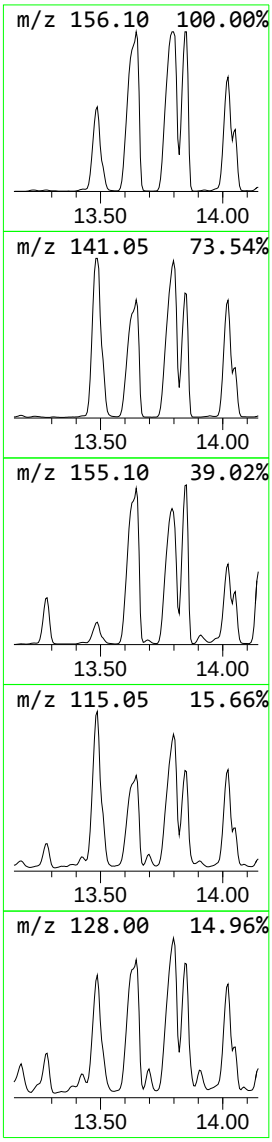
Peak Number 8 Naphthalene, 1,6-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.645	62.49 ng	108183000	Acenaphthene-d10	14.445

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
2	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
3	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
4	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	95





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Sample : N2061-01 10X
Misc :
ALS Vial : 21 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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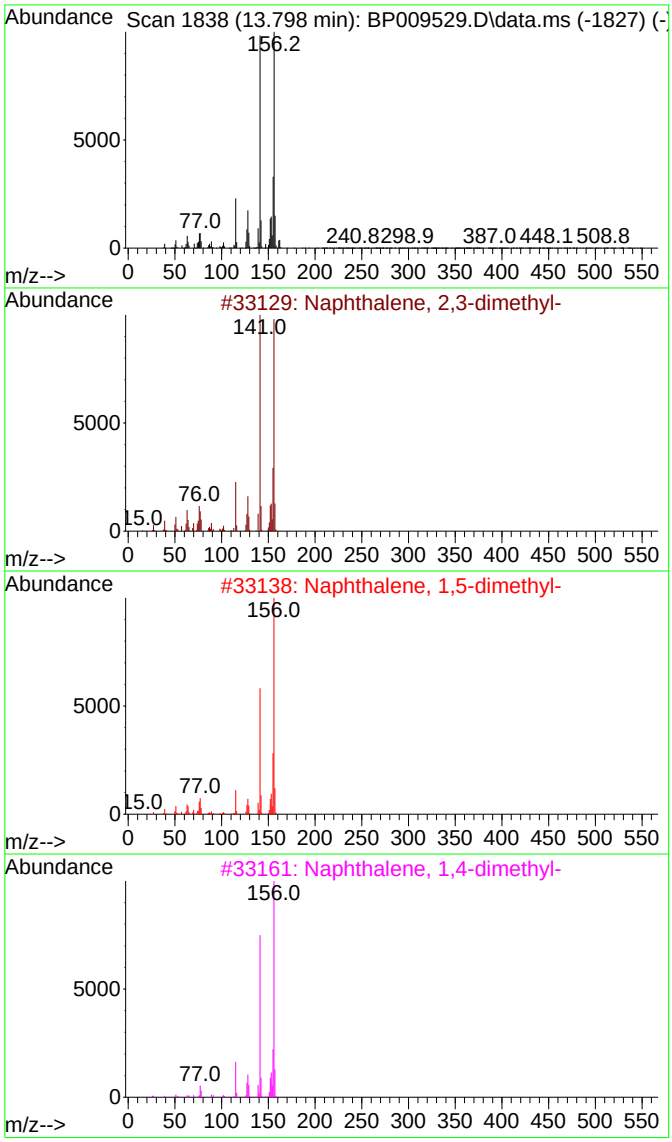
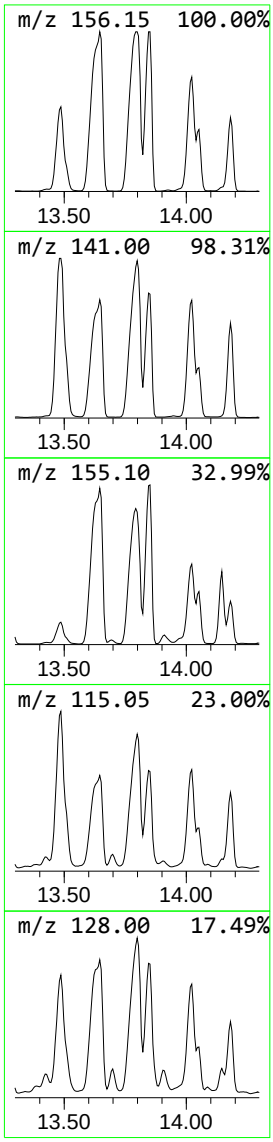
Peak Number 9 Naphthalene, 2,3-dimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.798	64.21 ng	111162000	Acenaphthene-d10	14.445

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
3	Naphthalene, 1,4-dimethyl-	156	C12H12	000575-37-1	96
4	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-43-9	96
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96





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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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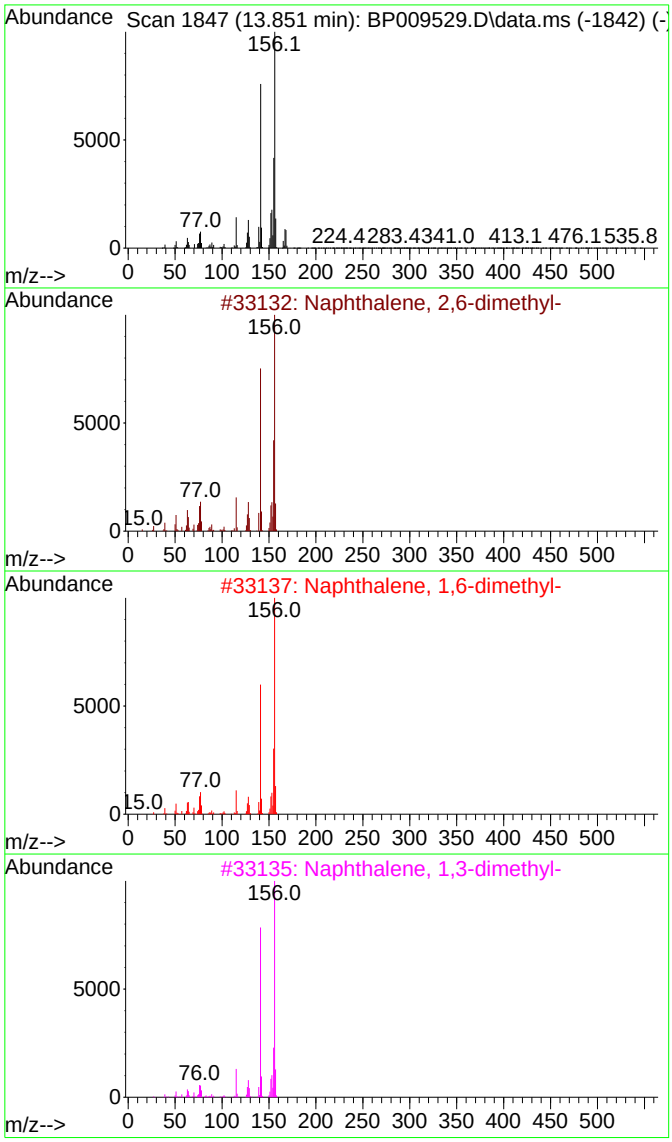
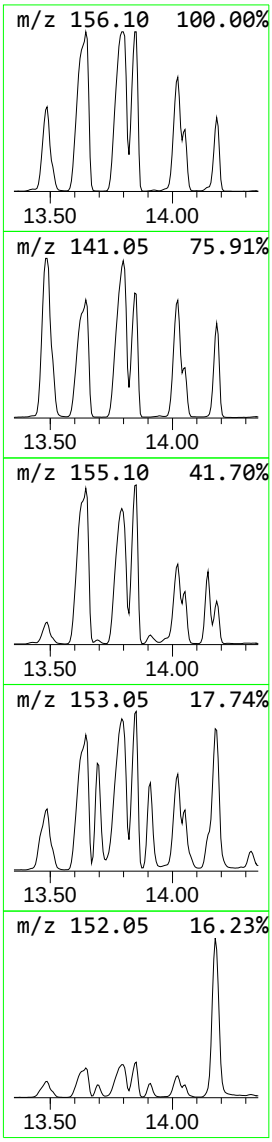
Peak Number 10 Naphthalene, 2,6-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.851	40.03 ng	69302300	Acenaphthene-d10	14.445

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
3	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	95
4	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	95
5	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	95





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Sample : N2061-01 10X
Misc :
ALS Vial : 21 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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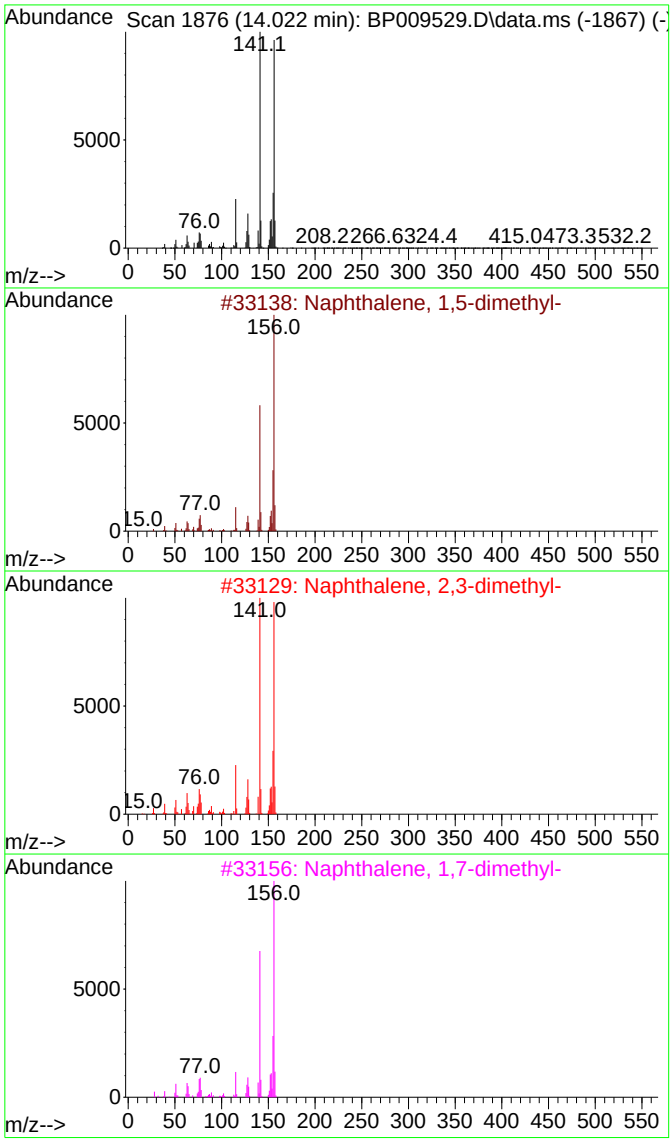
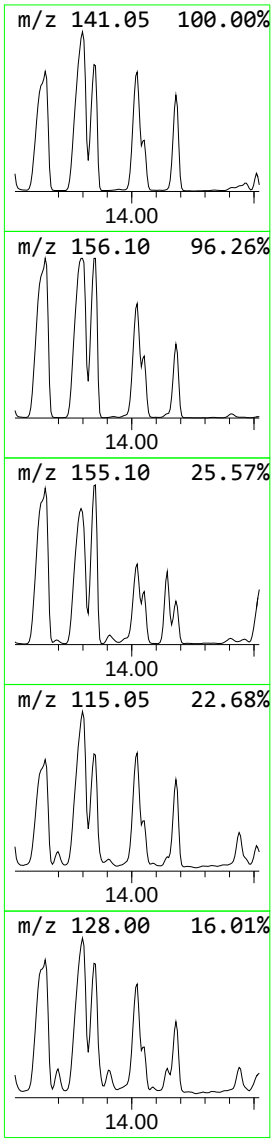
Peak Number 11 Naphthalene, 1,5-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.022	29.74 ng	51485400	Acenaphthene-d10	14.445

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
3	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
4	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	97
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96





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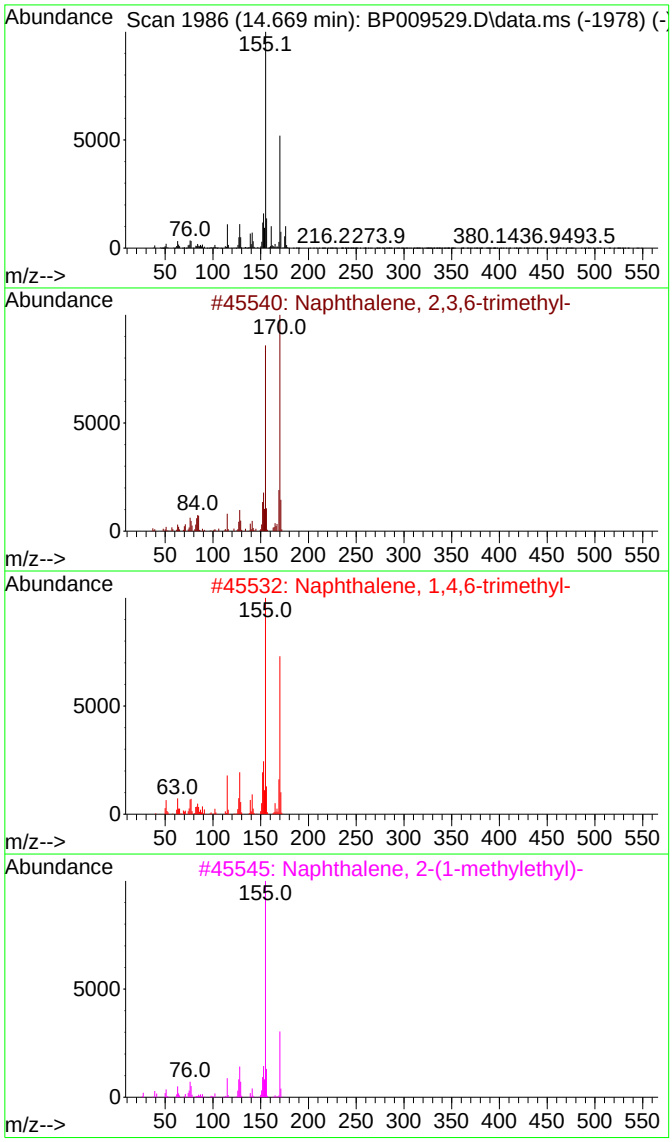
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

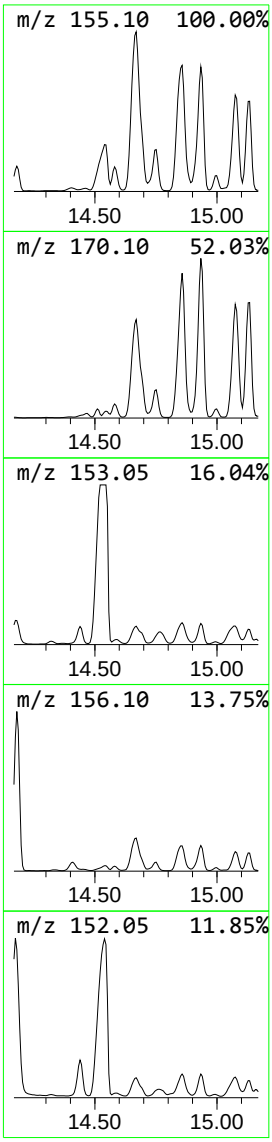
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Naphthalene, 2,3,6-trimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.669	28.75 ng	49775200	Acenaphthene-d10	14.445

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	91
2	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	91
3	Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	87
4	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	87
5	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	78





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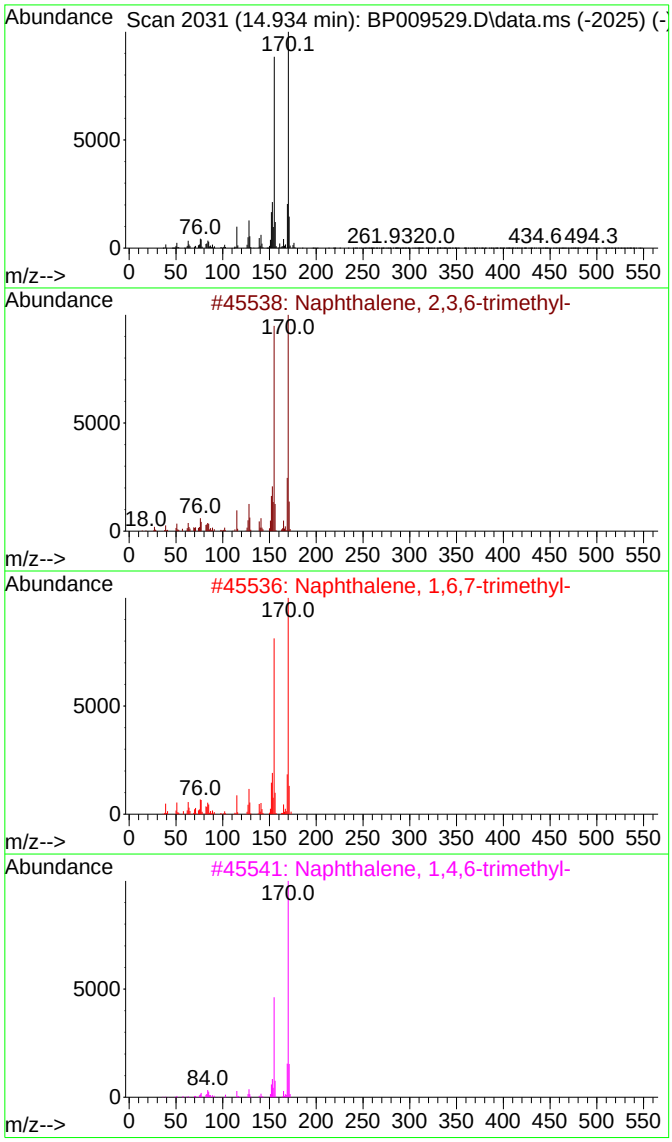
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

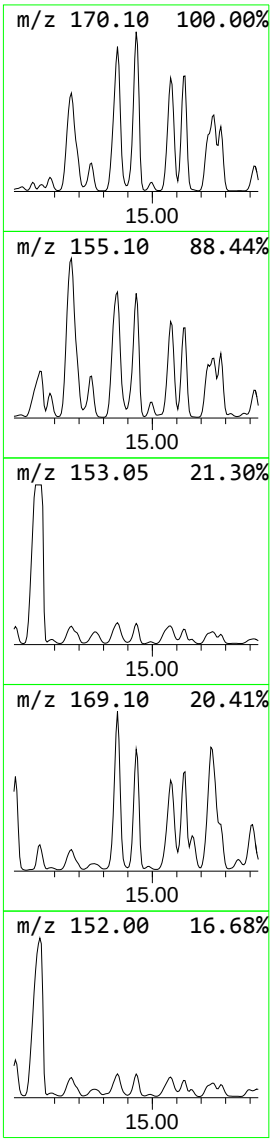
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Naphthalene, 1,6,7-trimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.934	17.75 ng	30731500	Acenaphthene-d10	14.445

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	98
2	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	97
3	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96
4	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	93
5	1-(2,2-Dimethylcyclopropyl)-2-ph...	170	C13H14	1000294-91-1	90





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Misc :
ALS Vial : 21 Sample Multiplier: 1

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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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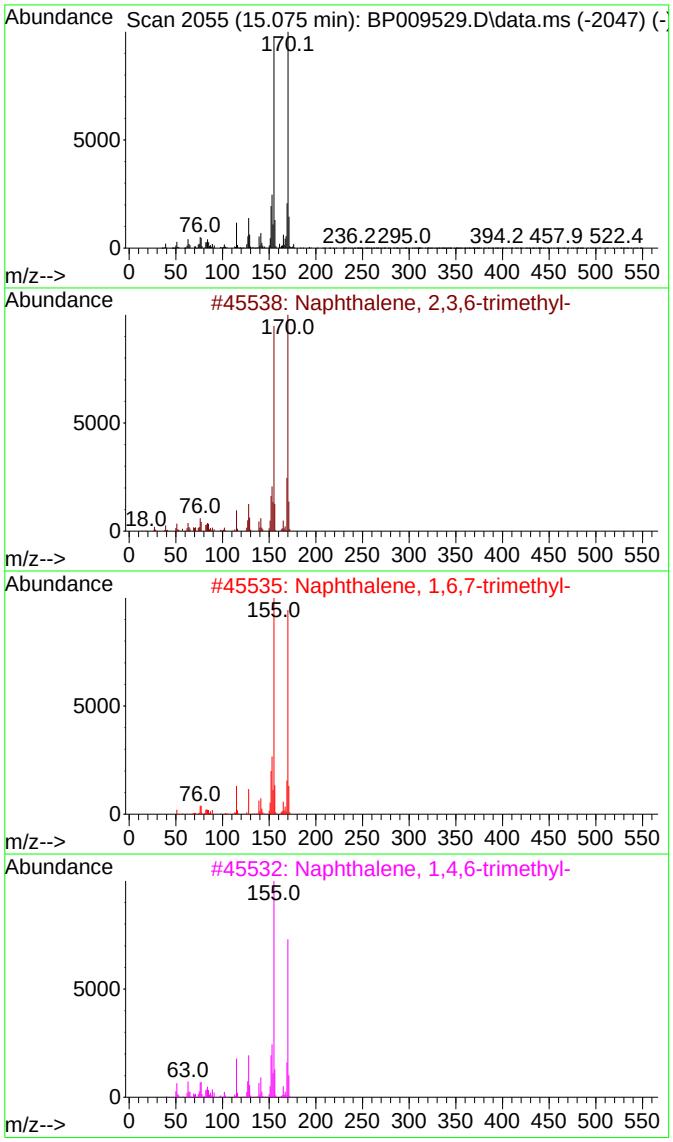
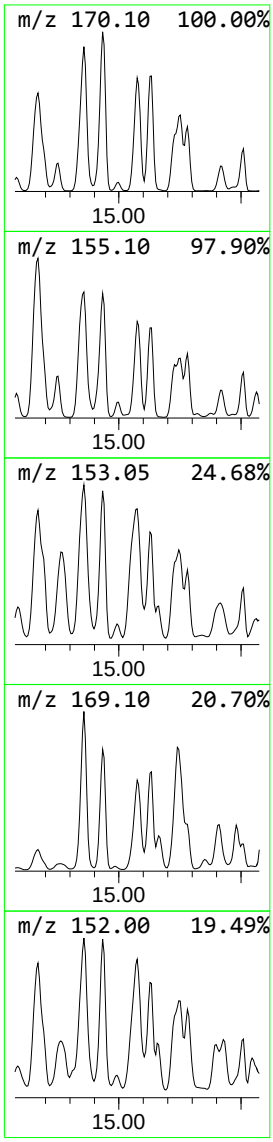
Peak Number 14 Naphthalene, 1,4,6-trimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.075	19.62 ng	33971300	Acenaphthene-d10	14.445

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	98
2	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	98
3	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96
4	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	93
5	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	91





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Sample : N2061-01 10X
Misc :
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Instrument :
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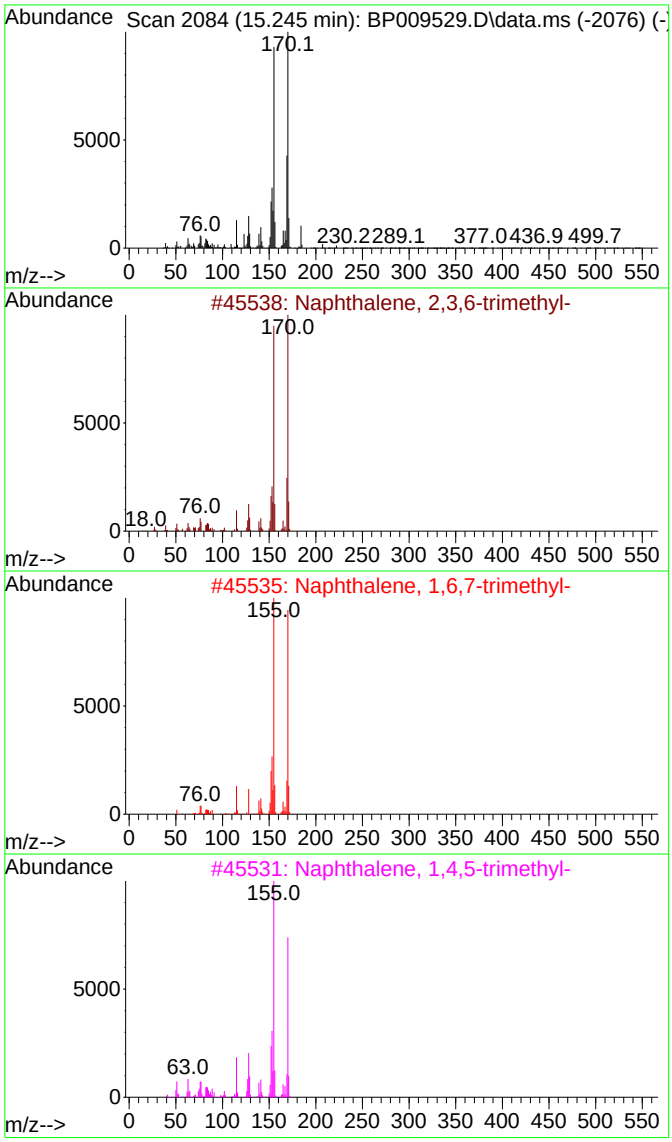
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

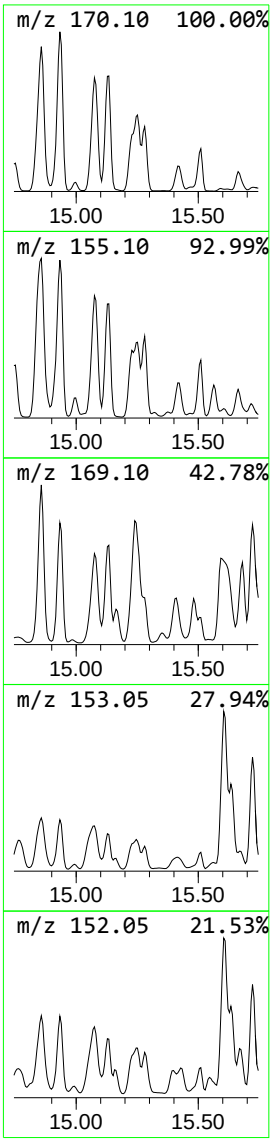
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Naphthalene, 1,4,5-trimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.245	18.12 ng	31374000	Acenaphthene-d10	14.445

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	97
2	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	96
3	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	95
4	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	94
5	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	90





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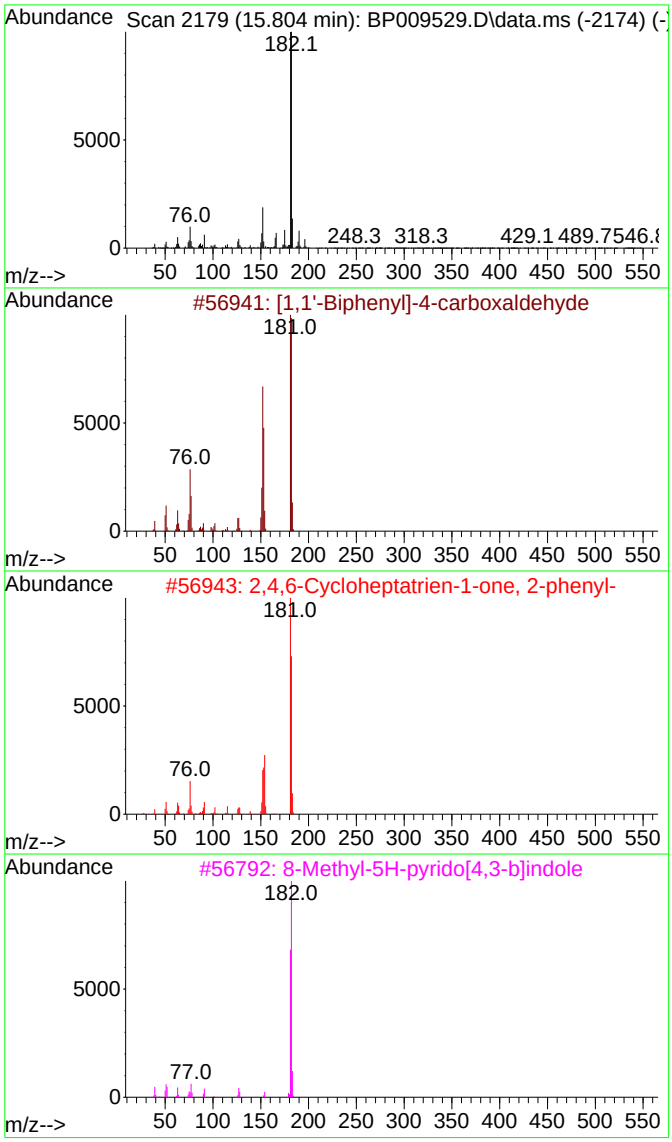
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

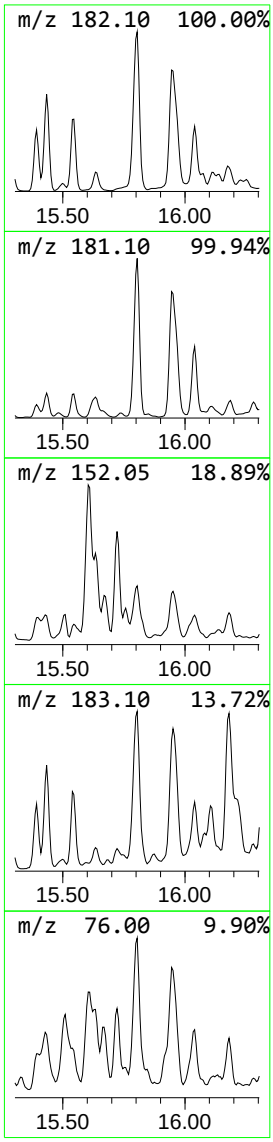
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 [1,1'-Biphenyl]-4-carboxald... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.804	17.79 ng	30801500	Acenaphthene-d10	14.445

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	78
2	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	72
3	8-Methyl-5H-pyrido[4,3-b]indole	182	C12H10N2	088894-13-7	72
4	3-(2-Naphthyl)acrylaldehyde	182	C13H10O	020884-05-3	72
5	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	72





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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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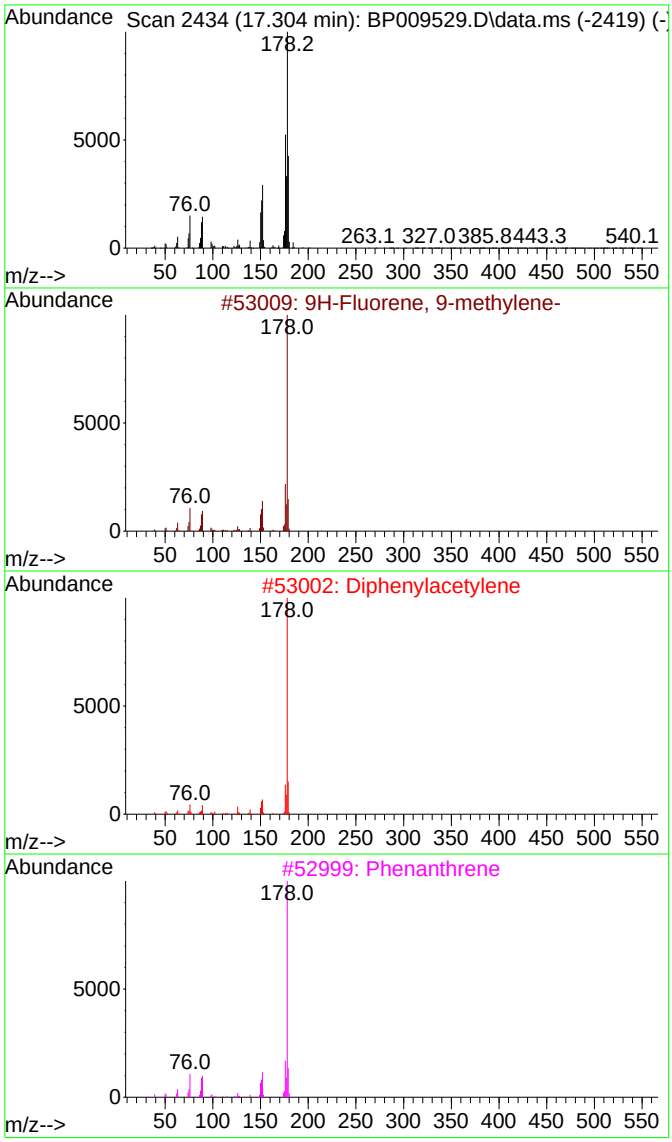
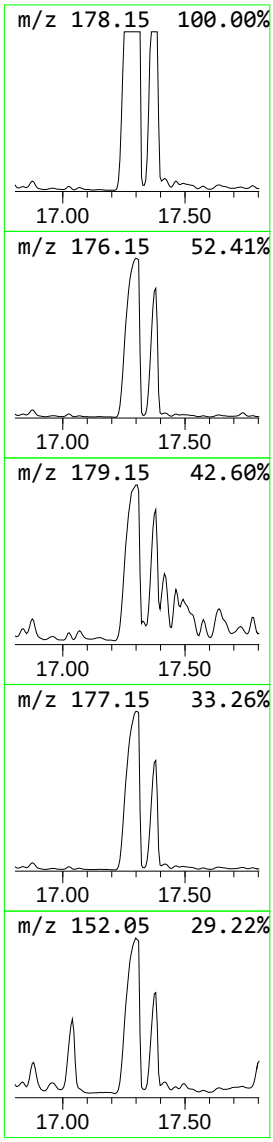
Peak Number 17 9H-Fluorene, 9-methylene- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.304	20.00 ng	157309000	Phenanthrene-d10	17.222

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 9-methylene-	178	C14H10	004425-82-5	70
2	Diphenylacetylene	178	C14H10	000501-65-5	70
3	Phenanthrene	178	C14H10	000085-01-8	60
4	4-Ethynyl-1,1'-biphenyl	178	C14H10	029079-00-3	58
5	Anthracene	178	C14H10	000120-12-7	52





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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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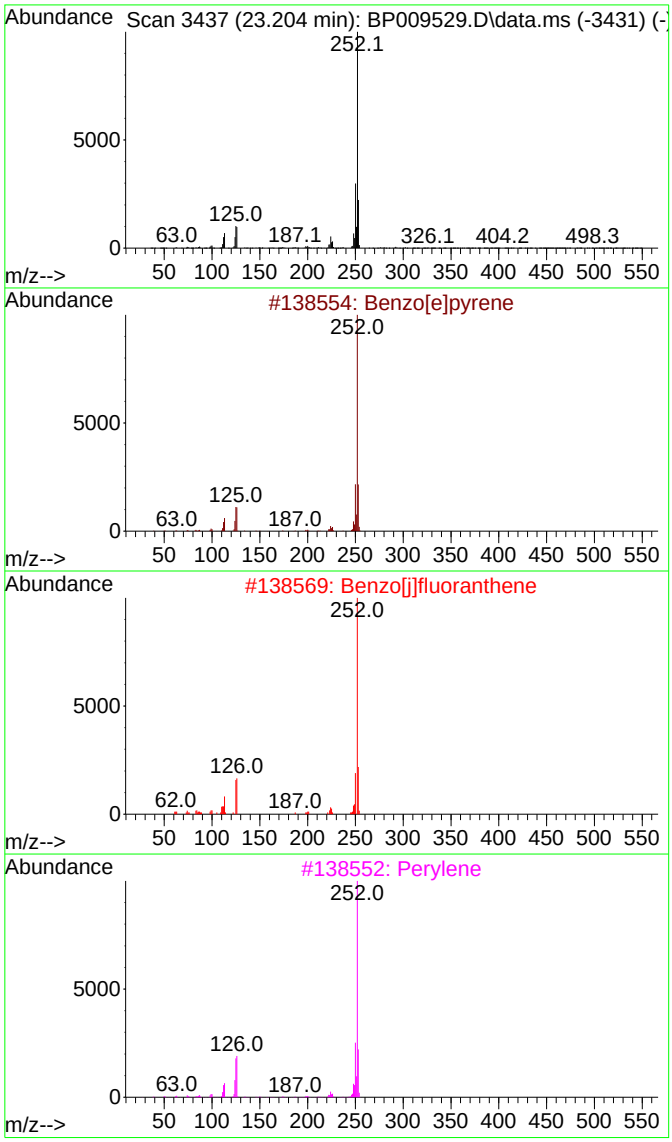
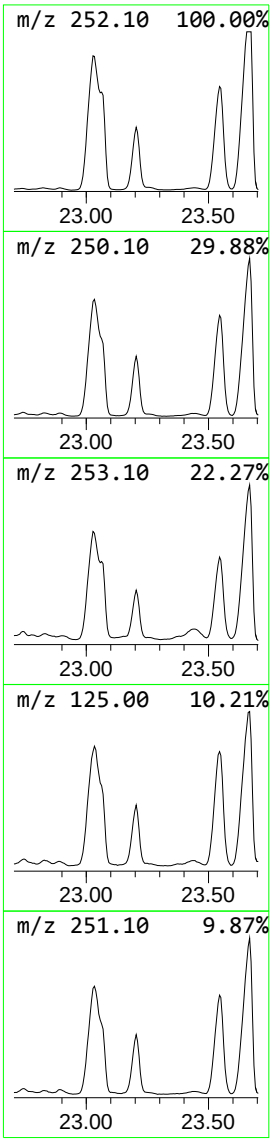
Peak Number 18 Benzo[e]pyrene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.204	22.53 ng	15683500	Perylene-d12	23.751

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	96
2	Benzo[j]fluoranthene	252	C20H12	000205-82-3	93
3	Perylene	252	C20H12	000198-55-0	93
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
5	Benzo[a]pyrene	252	C20H12	000050-32-8	93





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Acq On : 24 Mar 2022 04:11
Operator : CG/JU
Sample : N2061-01 10X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
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ClientSampleId :
RW-1-20220321-16.0-17.0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

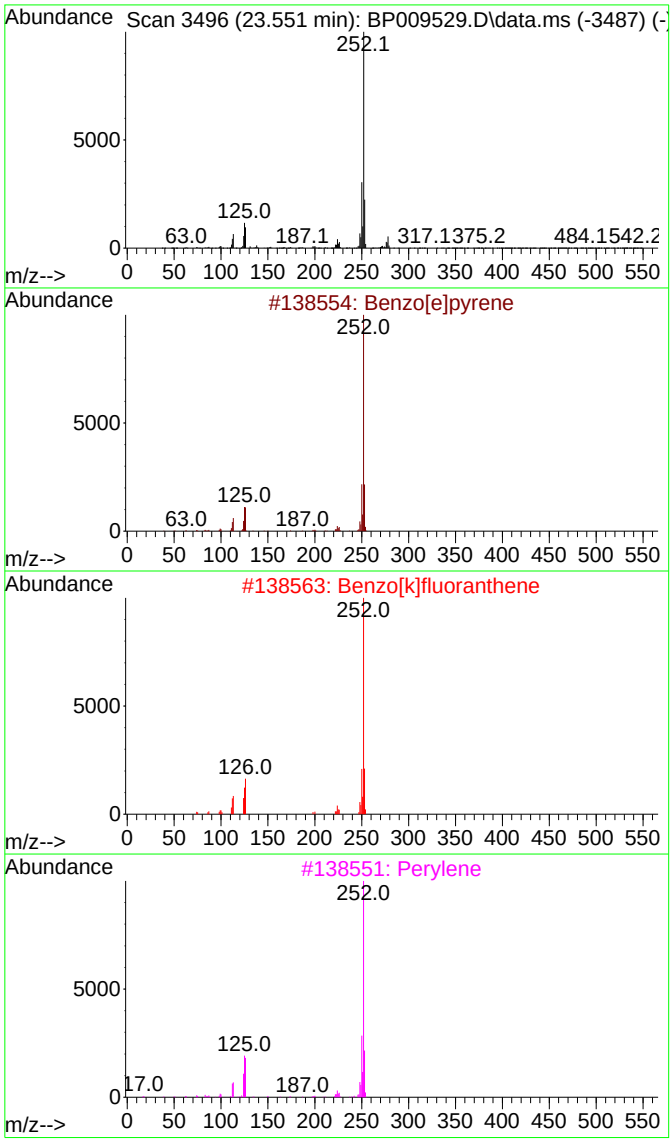
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

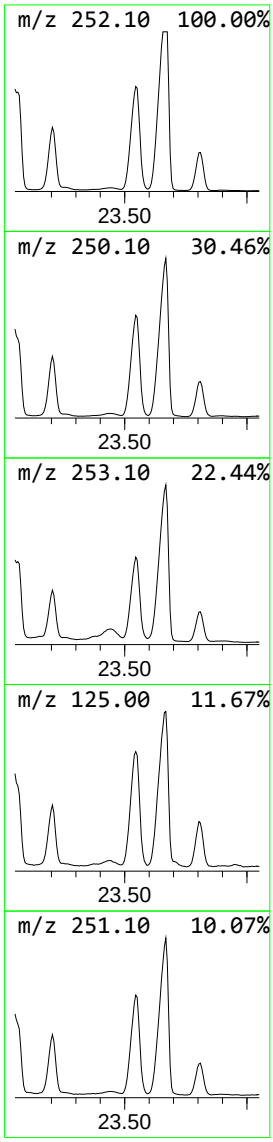
****

Peak Number 19 Perylene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.551	50.64 ng	35254200	Perylene-d12	23.751

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	97
3	Perylene	252	C20H12	000198-55-0	95
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	95
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032322\
Data File : BP009529.D
Acq On : 24 Mar 2022 04:11
Operator : CG/JU
Sample : N2061-01 10X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
RW-1-20220321-16.0-17.0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.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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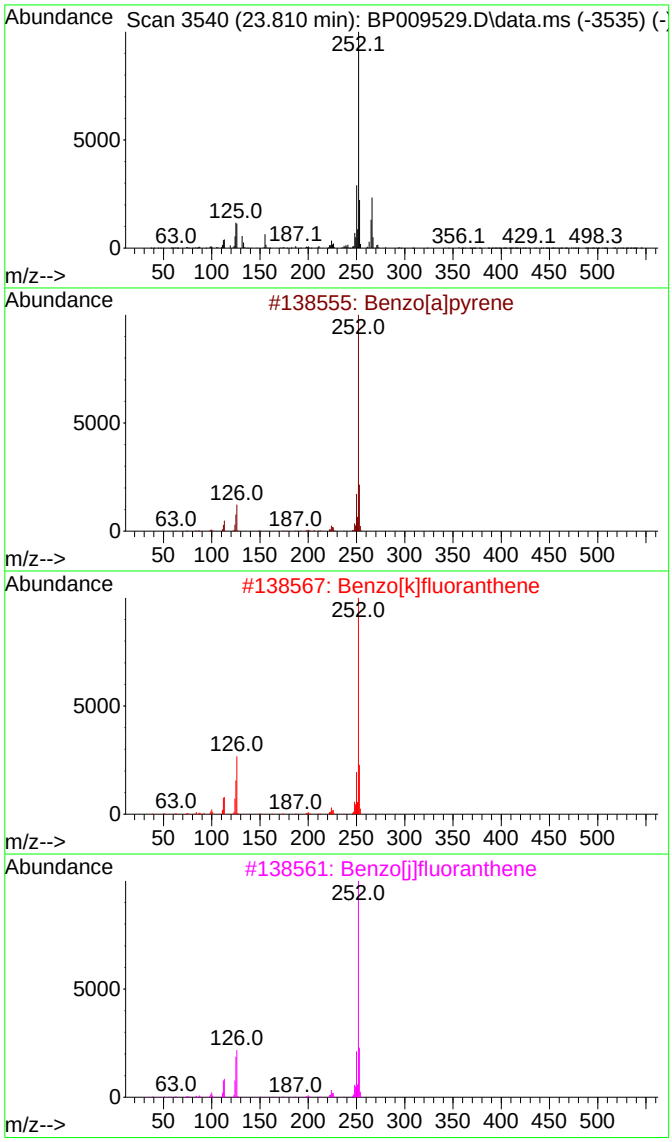
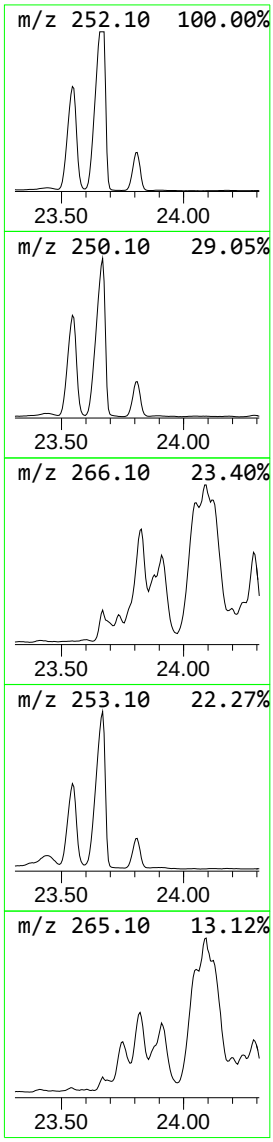
Peak Number 20 Benzo[j]fluoranthene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.810	20.00 ng	13922500	Perylene-d12	23.751

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[a]pyrene	252	C20H12	000050-32-8	96
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	95
3	Benzo[j]fluoranthene	252	C20H12	000205-82-3	95
4	Perylene	252	C20H12	000198-55-0	94
5	Benzo[b]fluoranthene	252	C20H12	000205-99-2	94





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032322\
Data File : BP009529.D
Acq On : 24 Mar 2022 04:11
Operator : CG/JU
Sample : N2061-01 10X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
RW-1-20220321-16.0-17.0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.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
Benzene, 1,2,3-...	7.910	20.0	ng	14484100	1	7.793	14484100	20.0
Benzene, 2-ethy...	8.434	28.2	ng	20398900	1	7.793	14484100	20.0
Benzene, 1-ethy...	8.899	27.6	ng	20003200	1	7.793	14484100	20.0
Azulene	10.693	20.0	ng	148174000	2	10.604	148174000	20.0
Naphthalene, 1-...	13.487	41.9	ng	72602600	3	14.445	34626300	20.0
Naphthalene, 1,...	13.645	62.5	ng	108183000	3	14.445	34626300	20.0
Naphthalene, 2,...	13.798	64.2	ng	111162000	3	14.445	34626300	20.0
Naphthalene, 2,...	13.851	40.0	ng	69302300	3	14.445	34626300	20.0
Naphthalene, 1,...	14.022	29.7	ng	51485400	3	14.445	34626300	20.0
Naphthalene, 2,...	14.669	28.8	ng	49775200	3	14.445	34626300	20.0
Naphthalene, 1,...	14.934	17.8	ng	30731500	3	14.445	34626300	20.0
Naphthalene, 1,...	15.075	19.6	ng	33971300	3	14.445	34626300	20.0
Naphthalene, 1,...	15.245	18.1	ng	31374000	3	14.445	34626300	20.0
[1,1'-Biphenyl]...	15.804	17.8	ng	30801500	3	14.445	34626300	20.0
9H-Fluorene, 9-...	17.304	20.0	ng	157309000	4	17.222	157309000	20.0
Benzo[e]pyrene	23.204	22.5	ng	15683500	6	23.751	13922500	20.0
Perylene	23.551	50.6	ng	35254200	6	23.751	13922500	20.0
Benzo[j]fluoran...	23.810	20.0	ng	13922500	6	23.751	13922500	20.0