LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092321\
Data File : BP007136.D
Acq On : 23 Sep 2021 21:36
Operator : CG/JU
Sample : M3872-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SP-LPA-01

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-BP092121.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP007136.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.469	399	405	412	rVV	3635241	5568128	14.87%	0.762%
2	5.881	464	475	489	rBV	1865085	3939236	10.52%	0.539%
3	7.063	666	676	681	rVV2	3446674	6336718	16.92%	0.867%
4	7.552	751	759	768	rBV2	2994946	7282150	19.44%	0.997%
5	7.634	768	773	781	rVB	1350968	2365733	6.32%	0.324%
6	8.263	873	880	887	rVB	3639299	5834517	15.58%	0.799%
7	8.434	903	909	921	rVV	3377360	6507242	17.38%	0.891%
8	8.999	997	1005	1009	rBV2	1921354	3102795	8.28%	0.425%
9	9.052	1009	1014	1017	rBV	1868591	3115969	8.32%	0.426%
10	9.163	1028	1033	1043	rBV2	1001470	2678602	7.15%	0.367%
11	9.269	1043	1051	1057	rVB3	918989	2182706	5.83%	0.299%
12	9.581	1099	1104	1113	rVV4	891114	2208168	5.90%	0.302%
13	9.716	1122	1127	1134	rVV	3849623	6801801	18.16%	0.931%
14	9.940	1161	1165	1175	rVB2	1390450	2561669	6.84%	0.351%
15	10.099	1185	1192	1195	rBV3	2777650	6169977	16.47%	0.845%
16	10.193	1203	1208	1211	rBV2	1289800	2305540	6.16%	0.316%
17	10.234	1211	1215	1220	rVV	2517226	4087252	10.91%	0.559%
18	10.687	1283	1292	1296	rBV2	1507634	3830430	10.23%	0.524%
19	10.752	1296	1303	1309	rVV	15638848	30856456	82.39%	4.223%
20	10.857	1317	1321	1326	rVV2	1579408	2459016	6.57%	0.337%
21	11.204	1371	1380	1386	rBV	3647639	6355772	16.97%	0.870%
22	11.346	1395	1404	1409	rBV	4340801	7932790	21.18%	1.086%
23	11.728	1463	1469	1473	rBV2	1712023	3249071	8.68%	0.445%
24	11.887	1491	1496	1504	rVB2	1227331	2273681	6.07%	0.311%
25	12.363	1567	1577	1584	rVB2	19175286	37450909	100.00%	5.126%
26	12.504	1597	1601	1604	rVV	1522780	2412492	6.44%	0.330%
27	12.581	1604	1614	1621	rVV	17723770	33715262	90.03%	4.615%
28	12.981	1677	1682	1687	rVB	2033093	2872593	7.67%	0.393%
29	13.069	1693	1697	1704	rBV2	1509412	2402259	6.41%	0.329%
30	13.151	1705	1711	1721	rVB	6024819	9946603	26.56%	1.361%
31	13.357	1742	1746	1751	rBV	1720998	2506625	6.69%	0.343%
32	13.410	1751	1755	1759	rBV	1445309	2131348	5.69%	0.292%
33	13.557	1775	1780	1783	rBV	4242114	6416777	17.13%	0.878%
34	13.710	1793	1806	1811	rBV2	8911418	24925822	66.56%	3.412%
35	13.763	1811	1815	1820	rVV2	1702374	2733760	7.30%	0.374%
36	13.851	1823	1830	1835	rVV	12950919	25481106	68.04%	3.488%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092321\
Data File : BP007136.D
Acq On : 23 Sep 2021 21:36
Operator : CG/JU
Sample : M3872-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SP-LPA-01

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-BP092121.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	13.904	1835	1839	1845	rVV	8864575	14413456	38.49%	1.973%
38	14.087	1861	1870	1873	rBV	6512723	11232149	29.99%	1.537%
39	14.116	1873	1875	1881	rVB2	2788468	3737834	9.98%	0.512%
40	14.245	1889	1897	1906	rBV	6183526	10267998	27.42%	1.405%
41	14.422	1922	1927	1932	rBV2	1571617	2743013	7.32%	0.375%
42	14.498	1932	1940	1942	rVV2	2831412	5359764	14.31%	0.734%
43	14.522	1942	1944	1949	rVV	2643745	3455923	9.23%	0.473%
44	14.587	1949	1955	1963	rVV3	6344594	13118092	35.03%	1.796%
45	14.734	1974	1980	1989	rVV2	2848608	7461121	19.92%	1.021%
46	14.816	1989	1994	2001	rVV3	1361380	3155577	8.43%	0.432%
47	14.922	2001	2012	2019	rVV	5394590	11012489	29.41%	1.507%
48	14.998	2019	2025	2030	rVV	4477640	6657243	17.78%	0.911%
49	15.140	2041	2049	2054	rBV2	3424112	6799899	18.16%	0.931%
50	15.192	2054	2058	2062	rVB	3372968	4630293	12.36%	0.634%
51	15.310	2070	2078	2081	rBV	2534112	6091217	16.26%	0.834%
52	15.345	2081	2084	2088	rVB2	2076566	2710145	7.24%	0.371%
53	15.569	2116	2122	2127	rBV2	7344440	12222403	32.64%	1.673%
54	15.692	2140	2143	2146	rVV2	2273394	3420489	9.13%	0.468%
55	15.734	2146	2150	2154	rVV4	2105724	3442986	9.19%	0.471%
56	15.781	2154	2158	2162	rVV3	2553596	3931251	10.50%	0.538%
57	15.863	2167	2172	2182	rVB4	1970523	4904032	13.09%	0.671%
58	16.010	2189	2197	2205	rVB3	5603748	10112279	27.00%	1.384%
59	16.081	2205	2209	2221	rVB4	799971	2605981	6.96%	0.357%
60	16.245	2232	2237	2250	rVB4	2596647	5936171	15.85%	0.813%
61	16.575	2285	2293	2297	rBV	3160151	6766478	18.07%	0.926%
62	16.628	2297	2302	2308	rVV2	2968025	4636833	12.38%	0.635%
63	16.728	2315	2319	2323	rVB2	2185590	3071507	8.20%	0.420%
64	17.086	2375	2380	2388	rVV	4050993	6800000	18.16%	0.931%
65	17.275	2407	2412	2415	rBV	2252169	3743773	10.00%	0.512%
66	17.322	2415	2420	2427	rVV	19819419	32012695	85.48%	4.382%
67	17.410	2430	2435	2439	rVB	5812239	8029312	21.44%	1.099%
68	17.481	2439	2447	2451	rBV2	2059049	5208989	13.91%	0.713%
69	17.686	2477	2482	2490	rBV	2369981	4469504	11.93%	0.612%
70	17.851	2506	2510	2514	rVV	2727521	3895679	10.40%	0.533%
71	17.981	2528	2532	2540	rVB2	2626667	5279078	14.10%	0.723%
72	18.139	2554	2559	2563	rBV2	8680791	15272618	40.78%	2.090%
73	18.186	2563	2567	2572	rVV	9687645	16960666	45.29%	2.321%
74	18.263	2576	2580	2585	rVV	3146557	4764811	12.72%	0.652%
75	18.328	2585	2591	2595	rVV2	8362708	16347667	43.65%	2.238%
76	18.363	2595	2597	2602	rVB	6222599	7885325	21.06%	1.079%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092321\
Data File : BP007136.D
Acq On : 23 Sep 2021 21:36
Operator : CG/JU
Sample : M3872-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SP-LPA-01

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-BP092121.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	18.575	2628	2633	2636	rBV3	1278240	2307102	6.16%	0.316%
78	18.622	2637	2641	2645	rVB	2961423	3950038	10.55%	0.541%
79	18.910	2686	2690	2693	rBV2	1983862	2419542	6.46%	0.331%
80	19.033	2706	2711	2714	rBV	4941654	7504211	20.04%	1.027%
81	19.086	2714	2720	2724	rVV4	1769289	3749843	10.01%	0.513%
82	19.163	2729	2733	2748	rVB5	2067877	7485436	19.99%	1.025%
83	19.280	2748	2753	2759	rBV	9262897	13185157	35.21%	1.805%
84	19.404	2766	2774	2777	rBV3	5018621	8268493	22.08%	1.132%
85	19.639	2805	2814	2821	rVV	13545443	22897947	61.14%	3.134%
86	19.704	2821	2825	2831	rVB3	1638565	2598014	6.94%	0.356%
87	19.828	2842	2846	2850	rBV	9610372	11349382	30.30%	1.553%
88	19.951	2862	2867	2877	rBV4	1761527	4402516	11.76%	0.603%
89	20.116	2891	2895	2899	rVB	3489805	5034048	13.44%	0.689%
90	20.210	2908	2911	2916	rVB	2592740	3231808	8.63%	0.442%
91	20.269	2917	2921	2925	rVV	3101485	3910259	10.44%	0.535%
92	20.404	2940	2944	2948	rBV	2529337	3243906	8.66%	0.444%
93	20.451	2948	2952	2956	rVB	2695767	3357441	8.96%	0.460%
94	21.045	3050	3053	3058	rBV3	1231320	2248348	6.00%	0.308%
95	21.345	3099	3104	3109	rBV2	5616884	11493719	30.69%	1.573%
96	21.392	3109	3112	3122	rVB	4515249	6597026	17.62%	0.903%
97	23.033	3386	3391	3396	rBV2	1142005	2894552	7.73%	0.396%
98	23.551	3474	3479	3488	rVB	1361734	2700007	7.21%	0.370%
99	23.657	3491	3497	3505	rVB	2382469	4688733	12.52%	0.642%
100	23.763	3510	3515	3521	rVB2	1801767	3520292	9.40%	0.482%

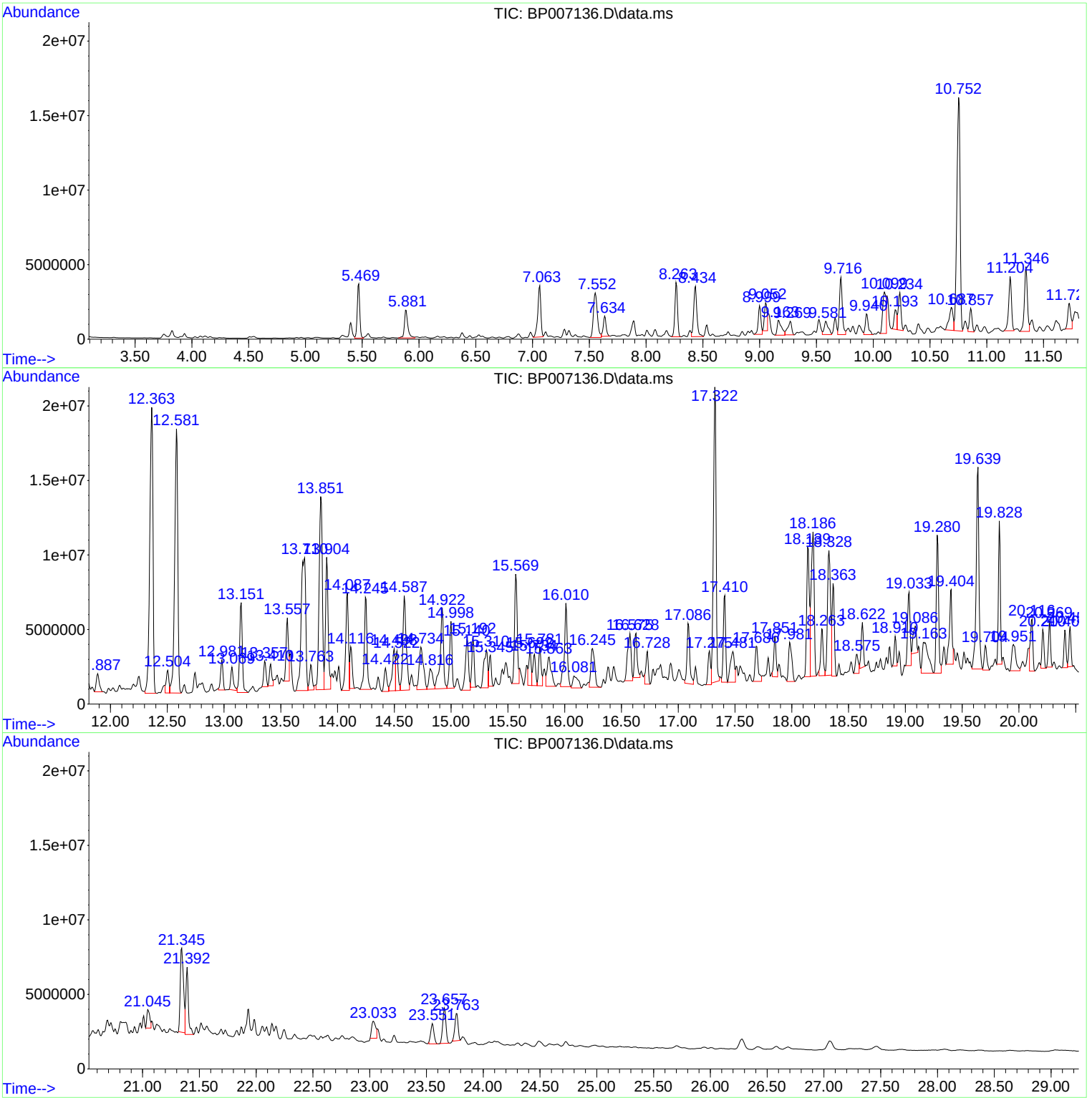
Sum of corrected areas: 730605535

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092321\
Data File : BP007136.D
Acq On : 23 Sep 2021 21:36
Operator : CG/JU
Sample : M3872-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SP-LPA-01

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092121.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\BP092321\
Data File : BP007136.D
Acq On : 23 Sep 2021 21:36
Operator : CG/JU
Sample : M3872-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SP-LPA-01

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

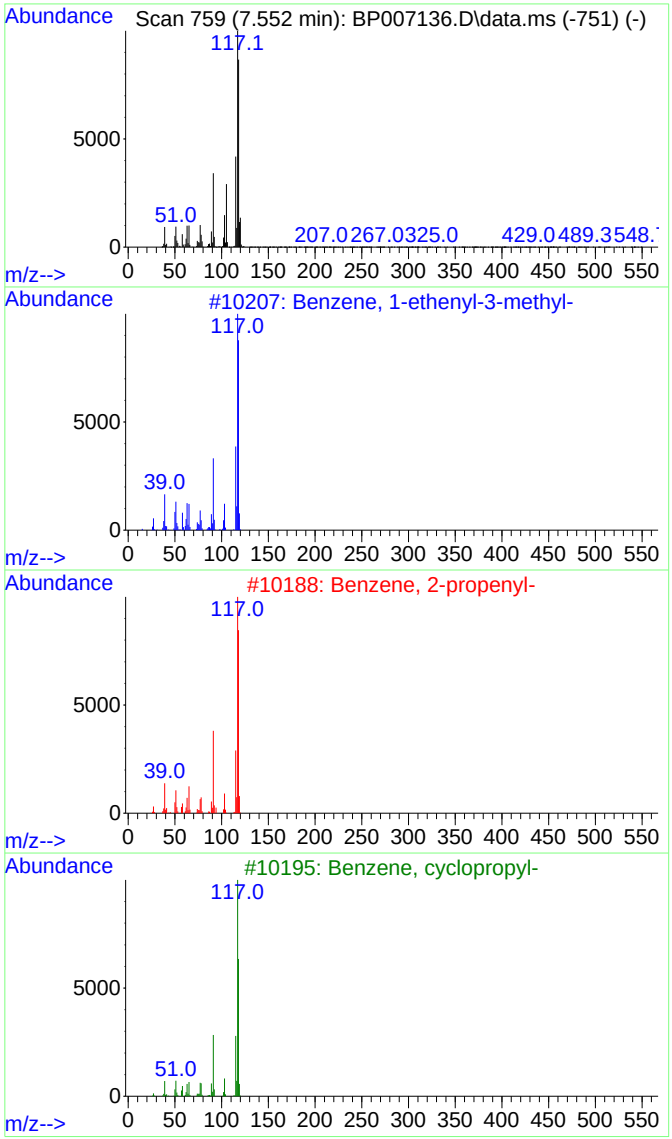
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

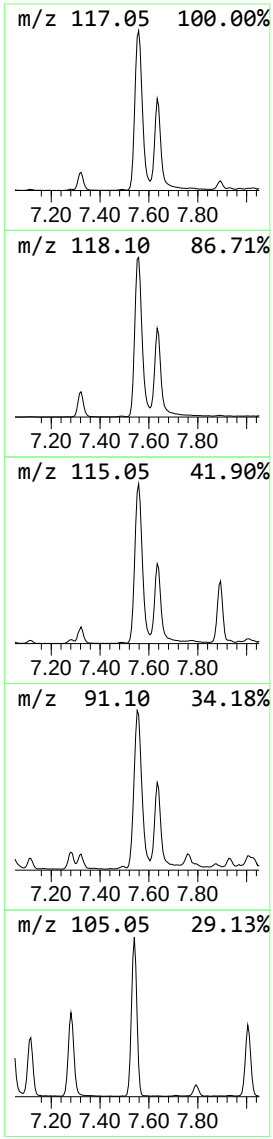
****

Peak Number 1 Benzene, 1-ethenyl-3-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.552	61.56 ng	7282150	1,4-Dichlorobenzene-d4	7.893

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	96
2	Benzene, 2-propenyl-	118	C9H10	000300-57-2	95
3	Benzene, cyclopropyl-	118	C9H10	000873-49-4	93
4	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	93
5	Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092321\
Data File : BP007136.D
Acq On : 23 Sep 2021 21:36
Operator : CG/JU
Sample : M3872-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SP-LPA-01

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

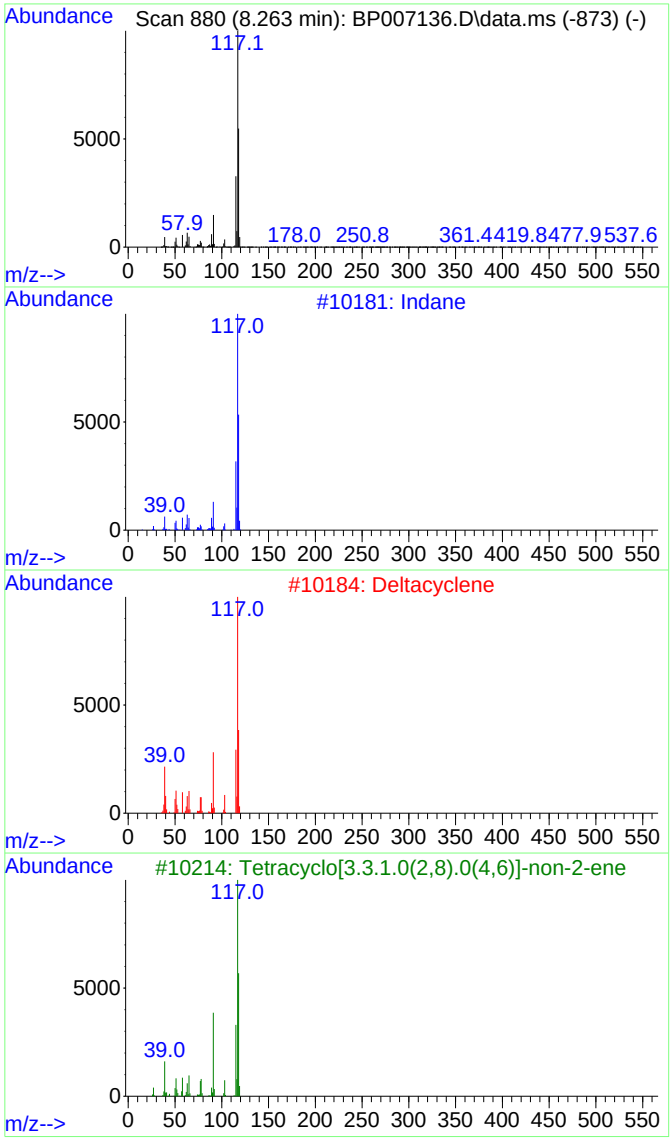
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

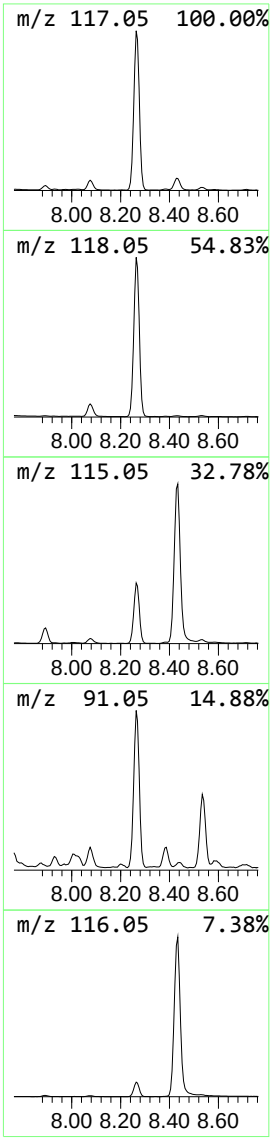
****

Peak Number 2 Indane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.263	49.33 ng	5834520	1,4-Dichlorobenzene-d4	7.893

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	93
2	Deltacyclene	118	C9H10	007785-10-6	72
3	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	64
4	Benzene, cyclopropyl-	118	C9H10	000873-49-4	64
5	Benzeneethanol, .beta.-ethenyl-	148	C10H12O	006052-63-7	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092321\
Data File : BP007136.D
Acq On : 23 Sep 2021 21:36
Operator : CG/JU
Sample : M3872-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SP-LPA-01

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

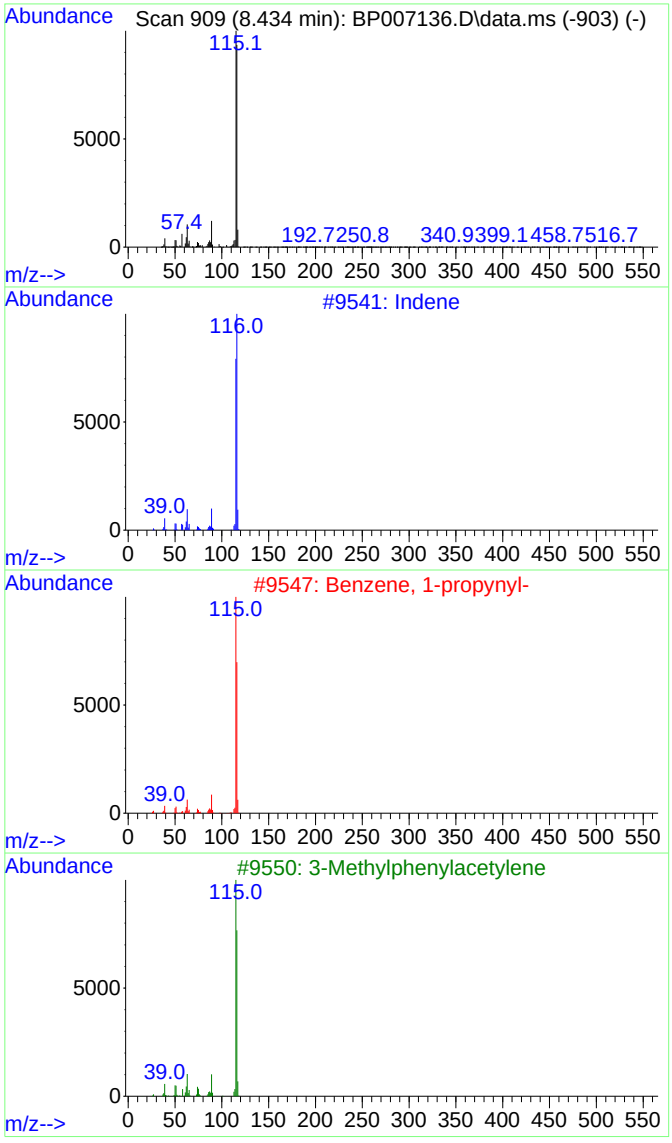
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

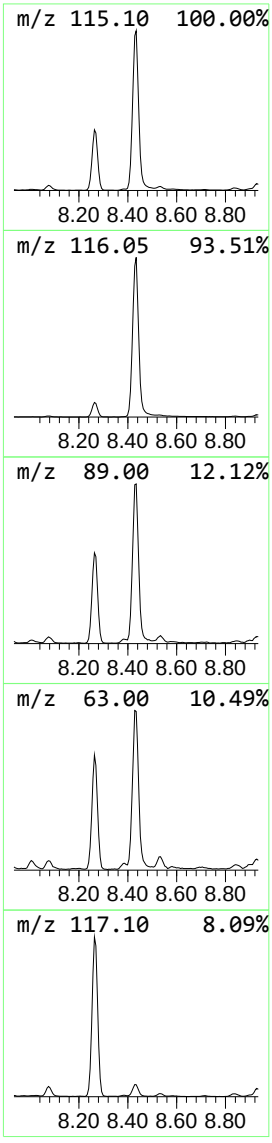
****

Peak Number 3 Indene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.434	55.01 ng	6507240	1,4-Dichlorobenzene-d4	7.893

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indene	116	C9H8	000095-13-6	97
2	Benzene, 1-propynyl-	116	C9H8	000673-32-5	94
3	3-Methylphenylacetylene	116	C9H8	000766-82-5	91
4	2-Methylphenylacetylene	116	C9H8	000766-47-2	91
5	Benzene, 1,2-propadienyl-	116	C9H8	002327-99-3	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092321\
Data File : BP007136.D
Acq On : 23 Sep 2021 21:36
Operator : CG/JU
Sample : M3872-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SP-LPA-01

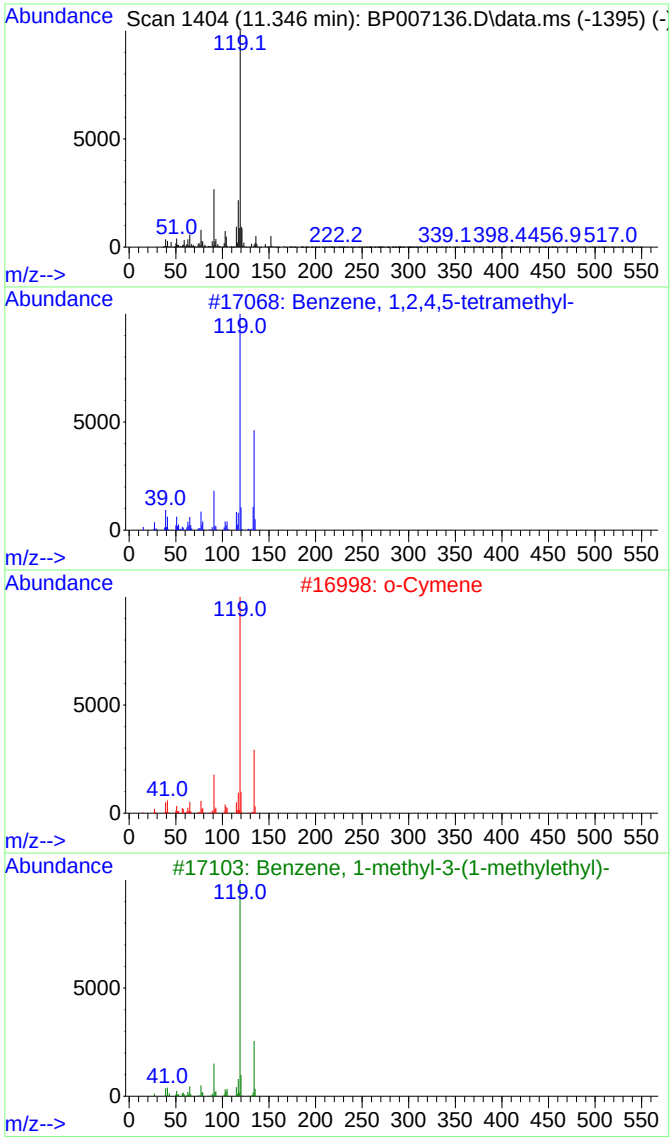
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

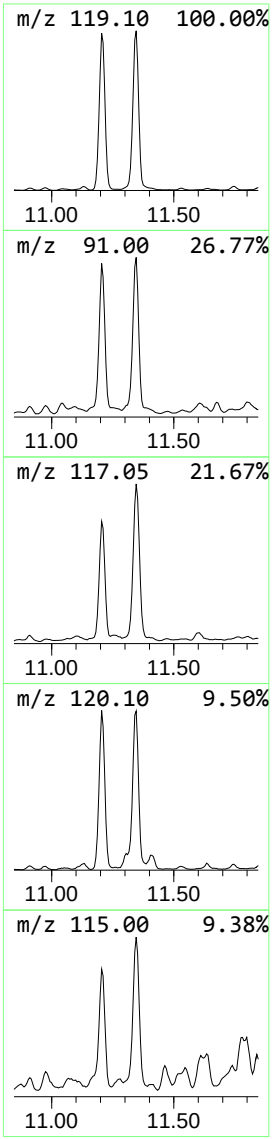
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.346	41.42 ng	7932790	Naphthalene-d8	10.693

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	68
2	o-Cymene	134	C10H14	000527-84-4	68
3	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	68
4	p-Cymene	134	C10H14	000099-87-6	68
5	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092321\
Data File : BP007136.D
Acq On : 23 Sep 2021 21:36
Operator : CG/JU
Sample : M3872-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SP-LPA-01

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

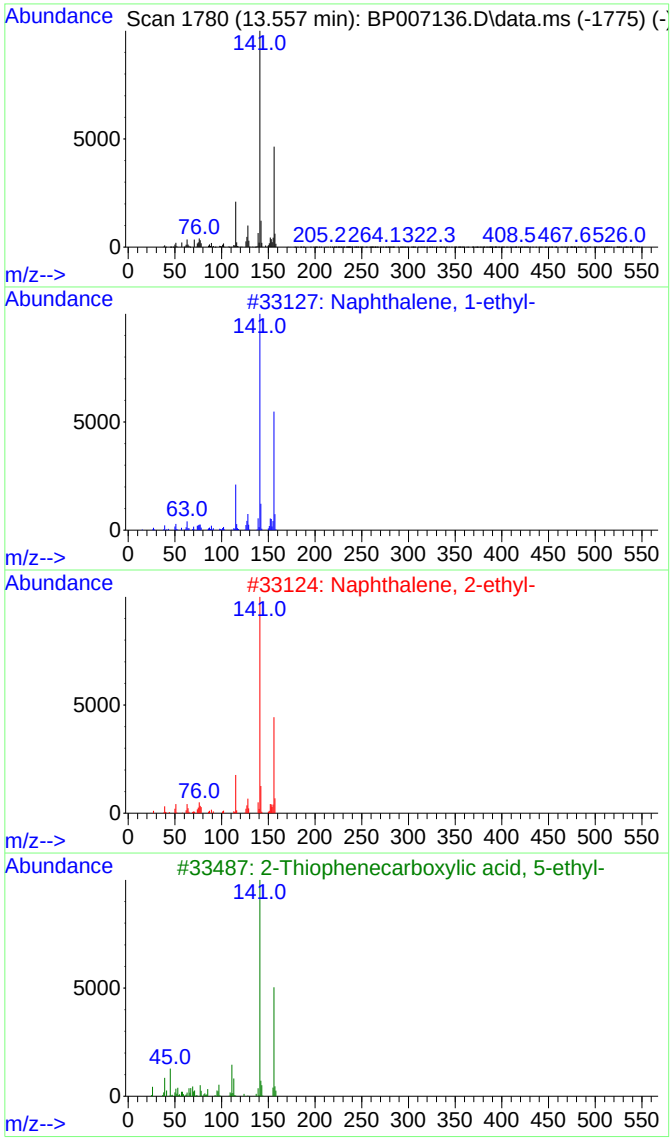
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

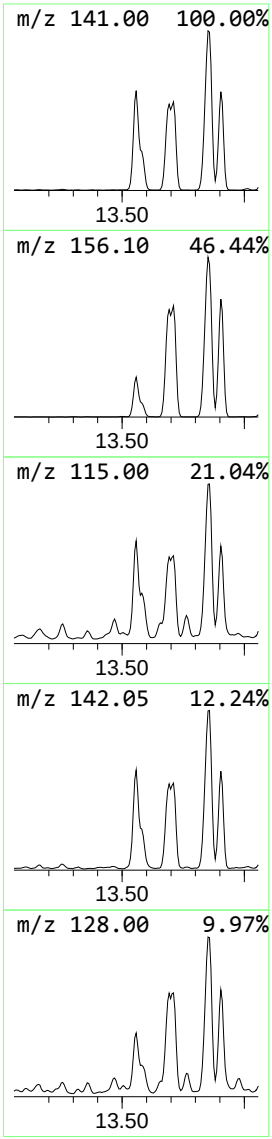
****

Peak Number 5 Naphthalene, 1-ethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.557	37.13 ng	6416780	Acenaphthene-d10	14.522

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	2-Thiophenecarboxylic acid, 5-et...	156	C7H8O2S	023229-72-3	64
4	2-Amino-4-tertbutylthiazole	156	C7H12N2S	074370-93-7	59
5	2,4-Difluoromesitylene	156	C9H10F2	000392-61-0	59





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092321\
Data File : BP007136.D
Acq On : 23 Sep 2021 21:36
Operator : CG/JU
Sample : M3872-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SP-LPA-01

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

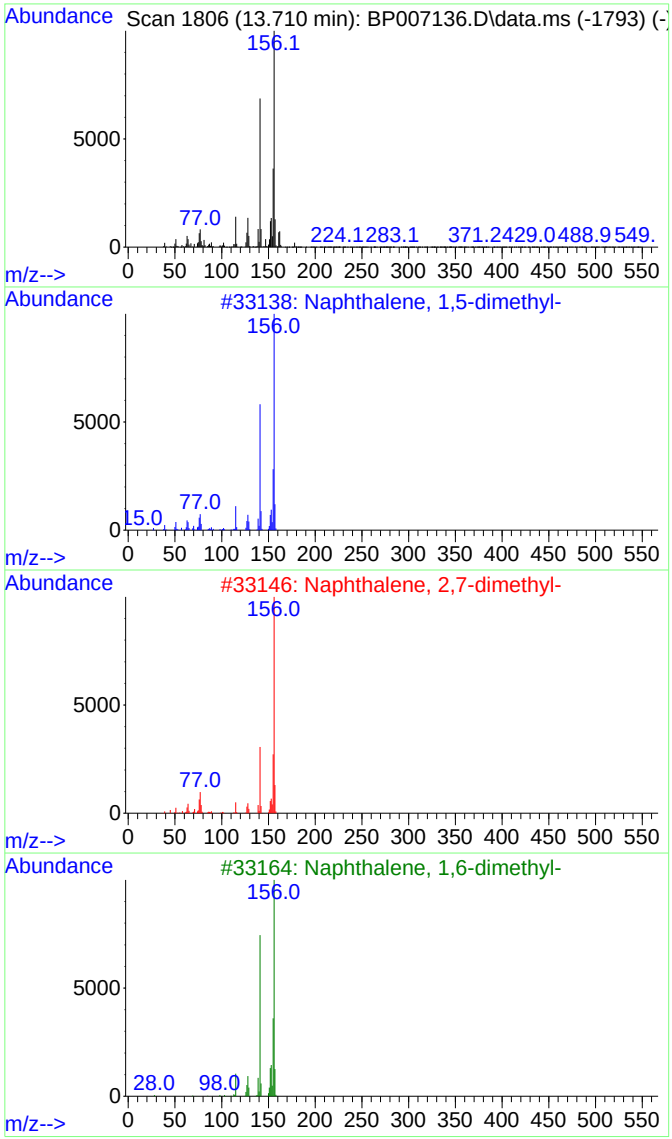
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

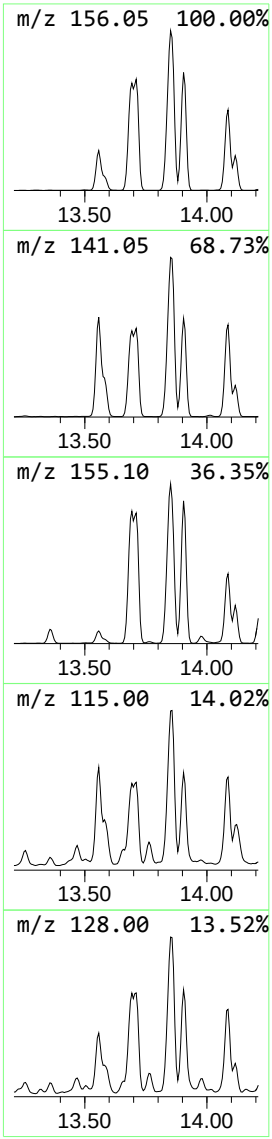
****

Peak Number 6 Naphthalene, 1,5-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.710	144.25 ng	24925800	Acenaphthene-d10	14.522

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
2	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
4	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092321\
Data File : BP007136.D
Acq On : 23 Sep 2021 21:36
Operator : CG/JU
Sample : M3872-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SP-LPA-01

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

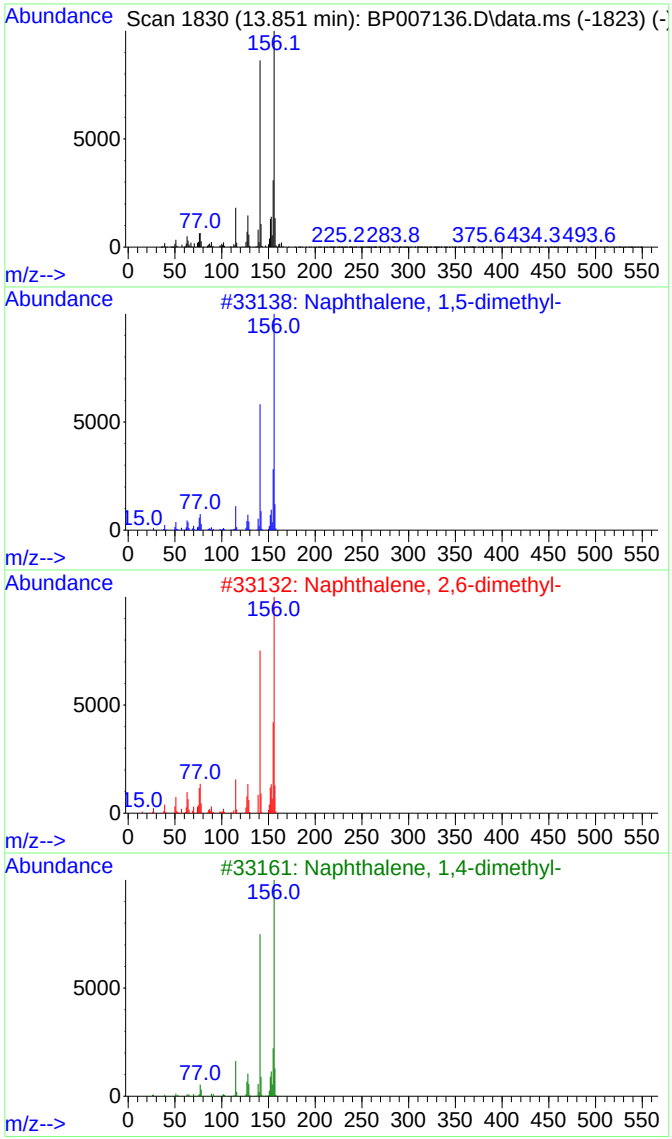
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

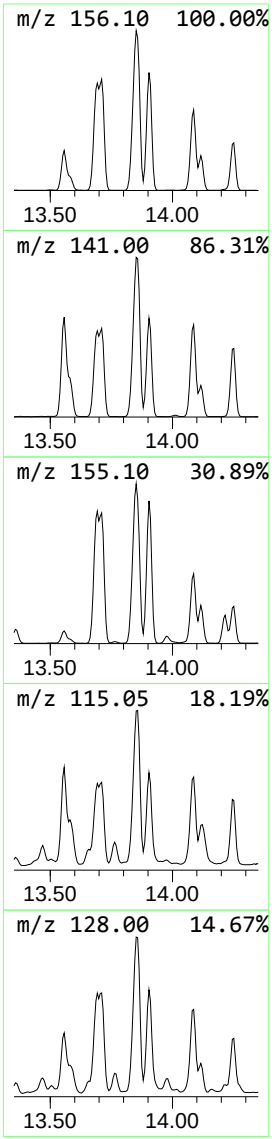
****

Peak Number 7 Naphthalene, 2,6-dimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.851	147.46 ng	25481100	Acenaphthene-d10	14.522

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
2	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
3	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
4	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092321\
Data File : BP007136.D
Acq On : 23 Sep 2021 21:36
Operator : CG/JU
Sample : M3872-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SP-LPA-01

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

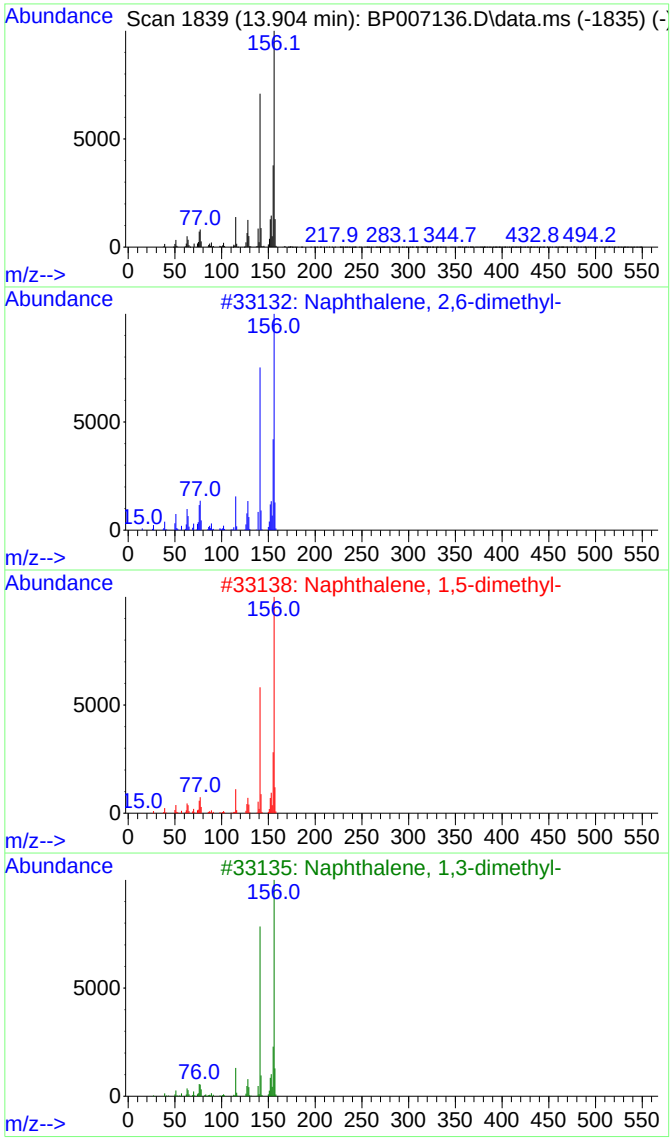
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

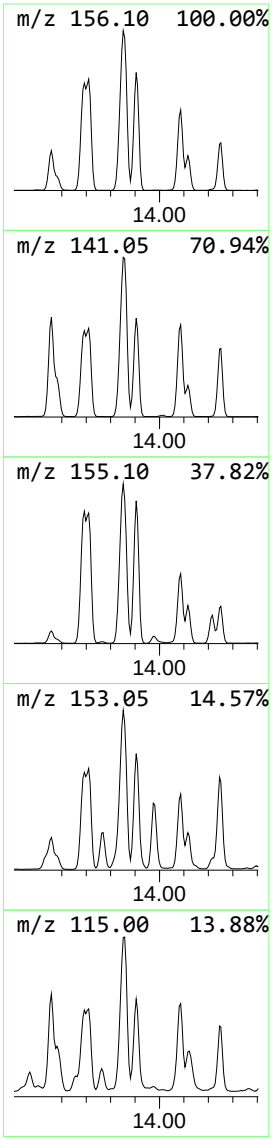
****

Peak Number 8 Naphthalene, 1,3-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.904	83.41 ng	14413500	Acenaphthene-d10	14.522

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
2	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
3	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
4	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092321\
Data File : BP007136.D
Acq On : 23 Sep 2021 21:36
Operator : CG/JU
Sample : M3872-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SP-LPA-01

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

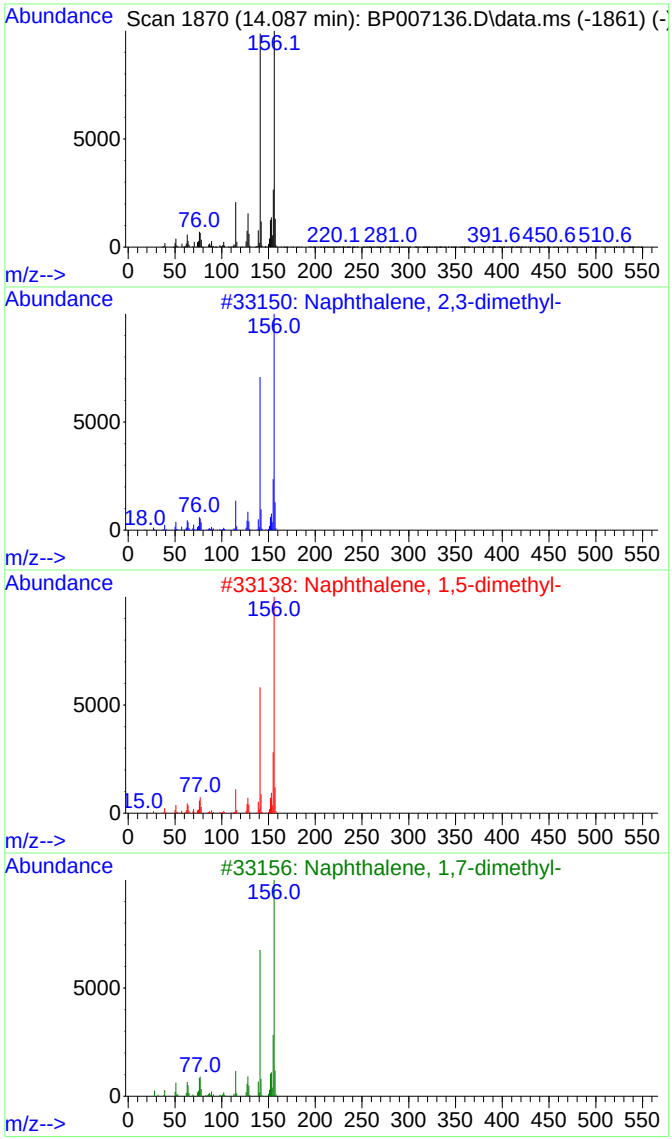
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

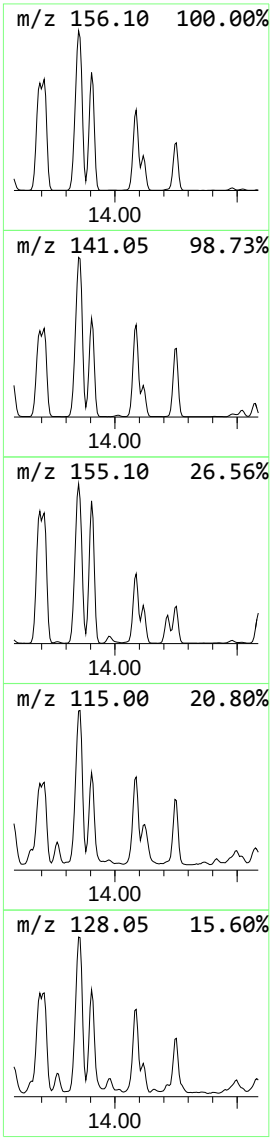
****

Peak Number 9 Naphthalene, 2,3-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.087	65.00 ng	11232100	Acenaphthene-d10	14.522

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, 1,7-dimethyl-	156	C12H12	000575-37-1	97
4	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092321\
Data File : BP007136.D
Acq On : 23 Sep 2021 21:36
Operator : CG/JU
Sample : M3872-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SP-LPA-01

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

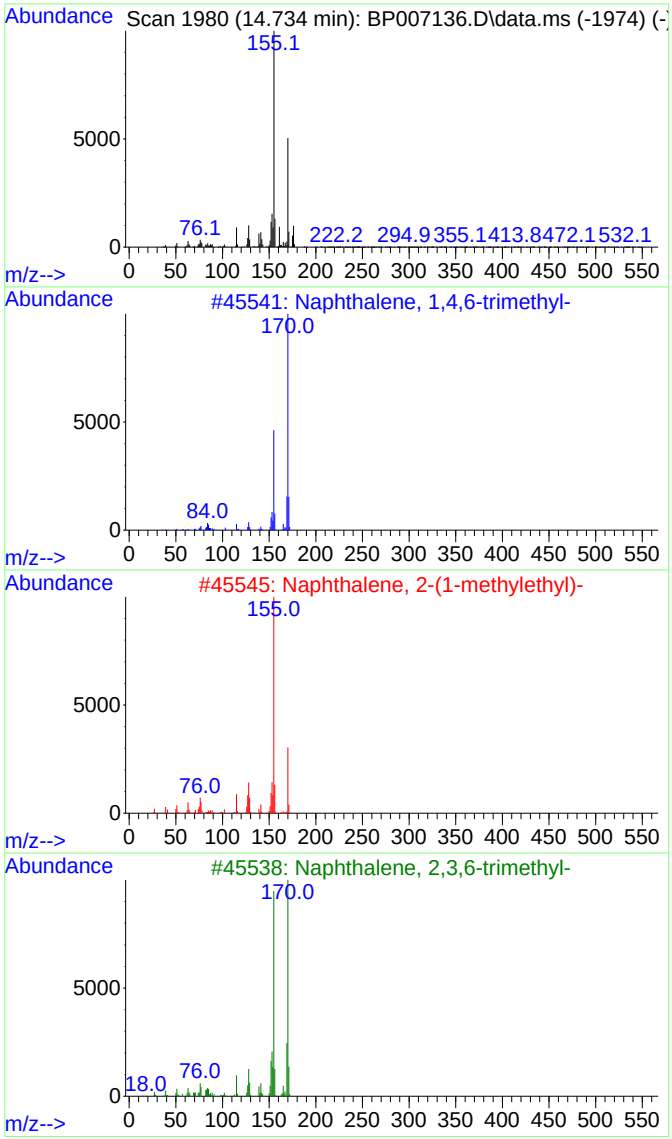
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

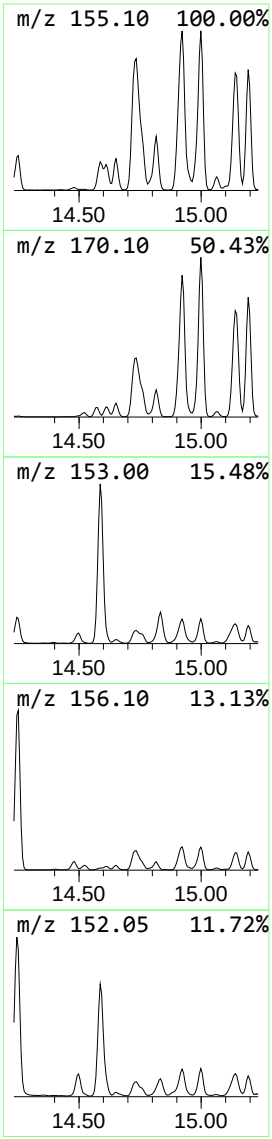
****

Peak Number 10 Naphthalene, 1,4,6-trimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.734	43.18 ng	7461120	Acenaphthene-d10	14.522

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	91
2	Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	87
3	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	83
4	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	83
5	Ethanone, 1-(1-Naphthalenyl)-	170	C12H10O	000941-98-0	58





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092321\
Data File : BP007136.D
Acq On : 23 Sep 2021 21:36
Operator : CG/JU
Sample : M3872-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SP-LPA-01

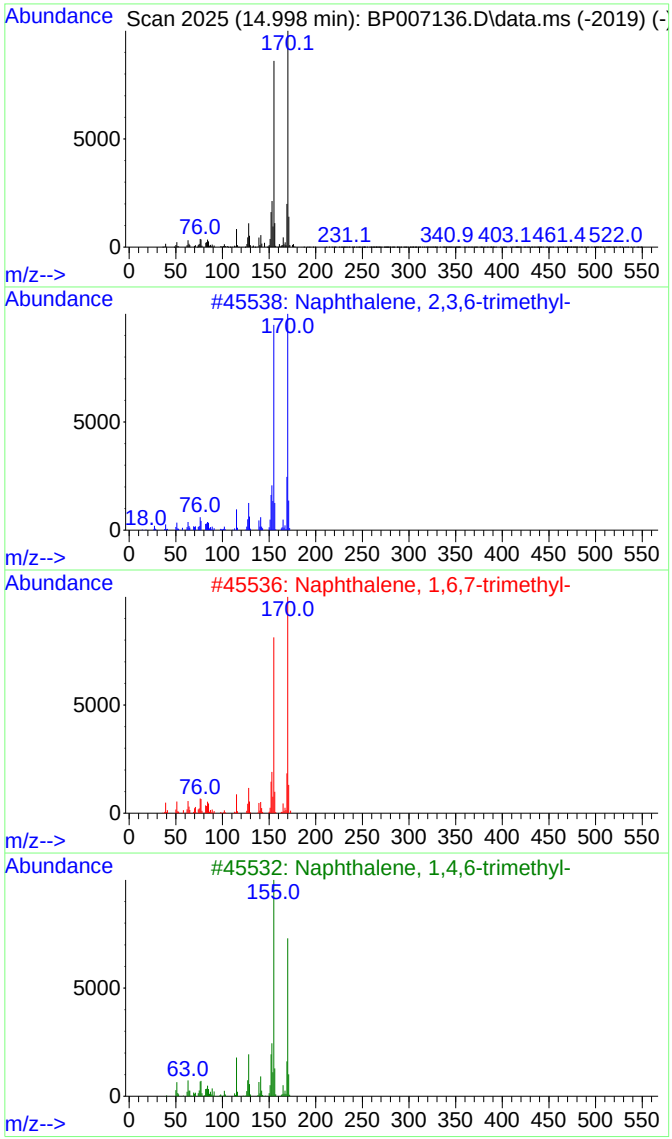
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

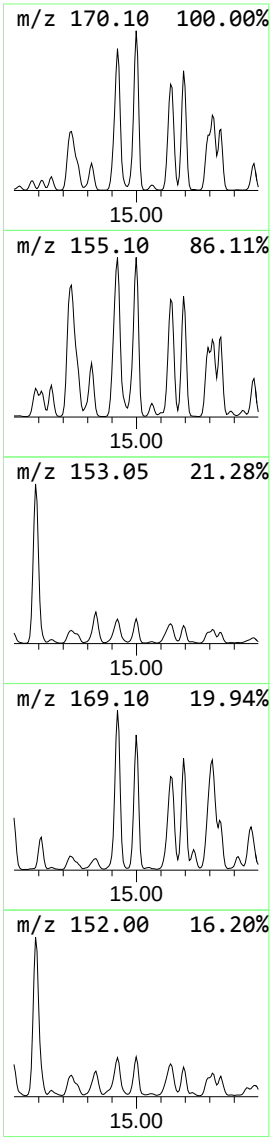
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Naphthalene, 2,3,6-trimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.998	38.53 ng	6657240	Acenaphthene-d10	14.522

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	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092321\
Data File : BP007136.D
Acq On : 23 Sep 2021 21:36
Operator : CG/JU
Sample : M3872-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SP-LPA-01

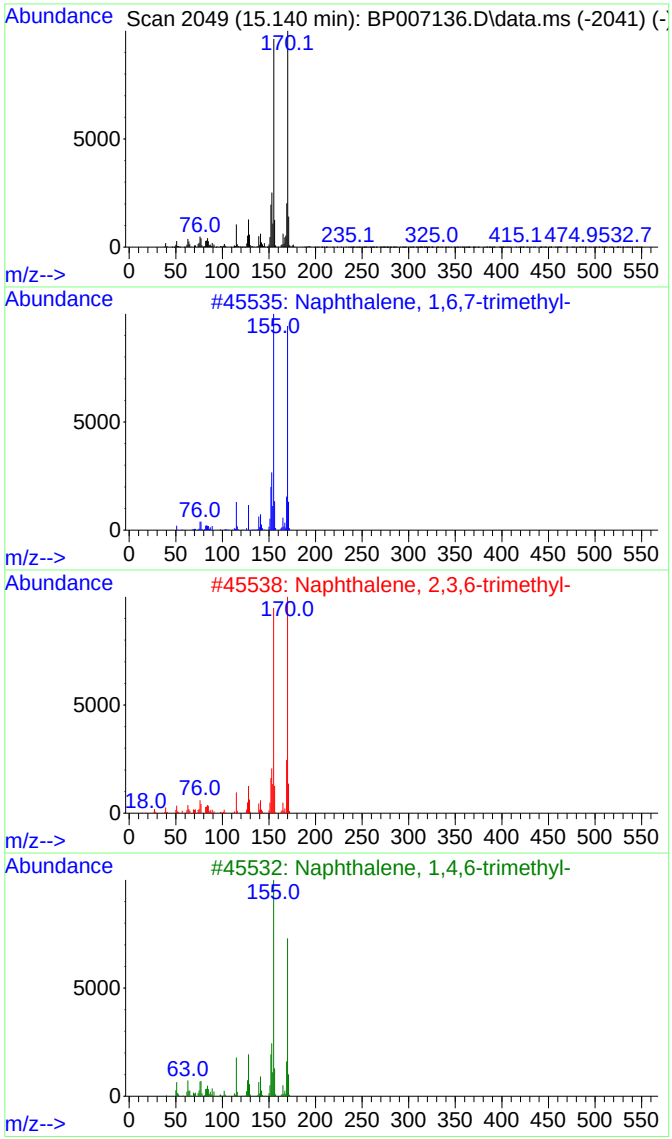
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

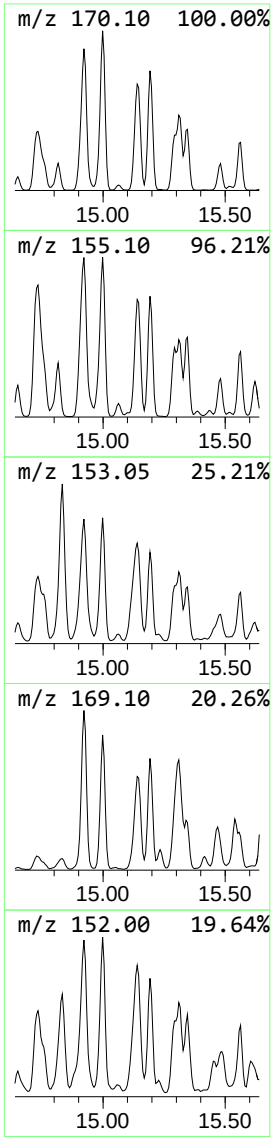
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Naphthalene, 1,6,7-trimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.140	39.35 ng	6799900	Acenaphthene-d10	14.522

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	98
2	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	97
3	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96
4	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	95
5	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	89





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092321\
Data File : BP007136.D
Acq On : 23 Sep 2021 21:36
Operator : CG/JU
Sample : M3872-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SP-LPA-01

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

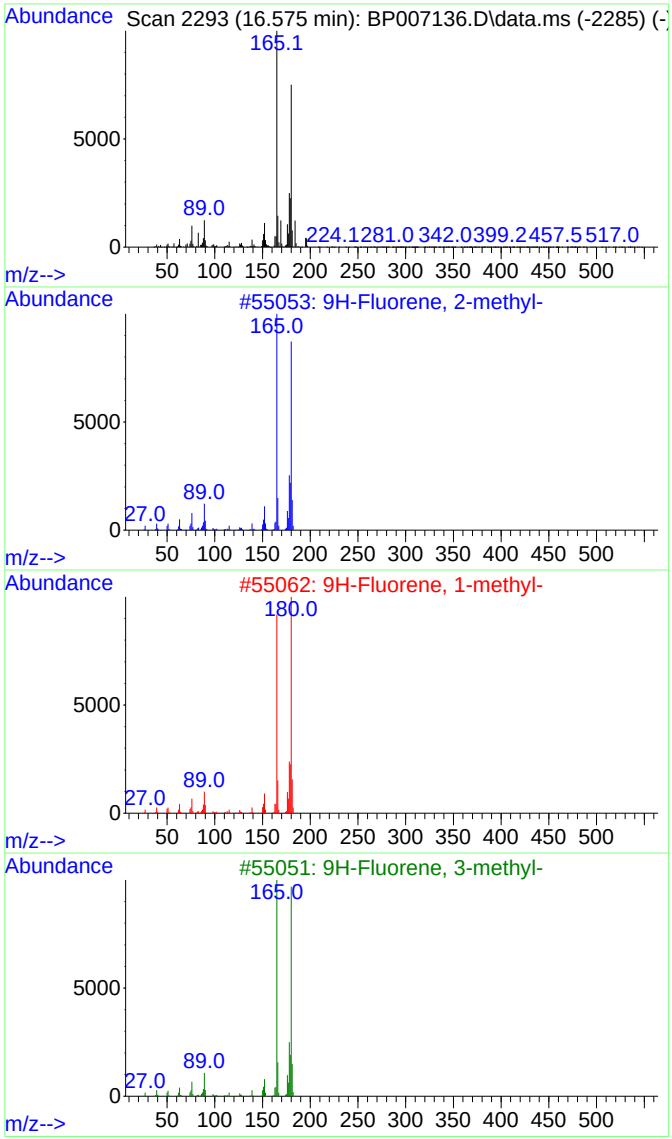
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

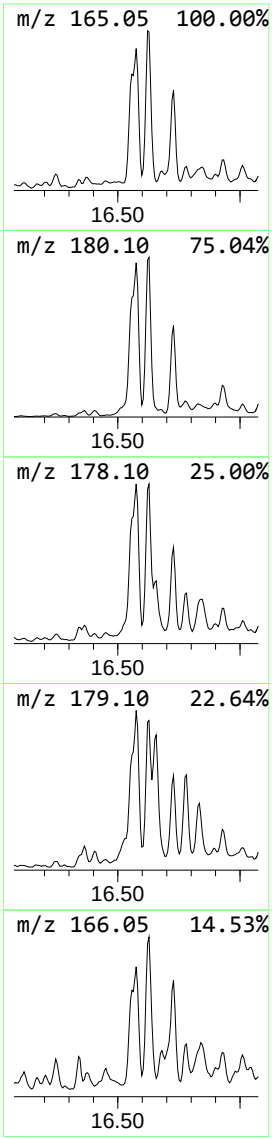
****

Peak Number 13 9H-Fluorene, 2-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.575	36.15 ng	6766480	Phenanthrene-d10	17.275

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	93
2	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	93
3	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	89
4	4a,9a-Methano-9H-fluorene	180	C14H12	019540-84-2	86
5	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	70





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092321\
Data File : BP007136.D
Acq On : 23 Sep 2021 21:36
Operator : CG/JU
Sample : M3872-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SP-LPA-01

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

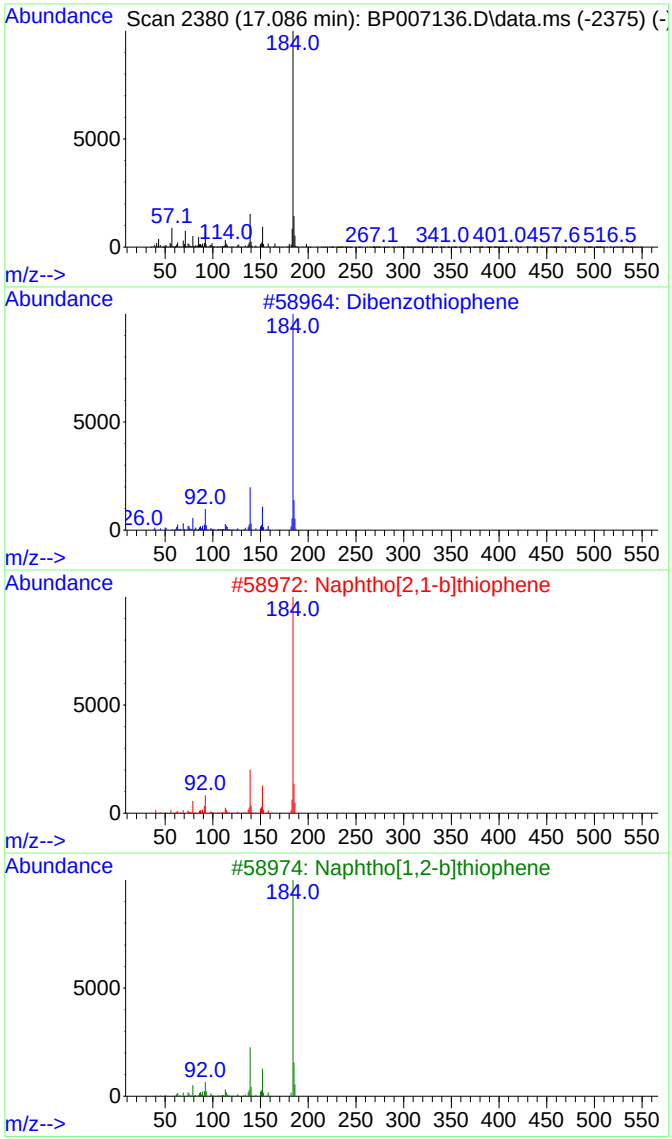
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

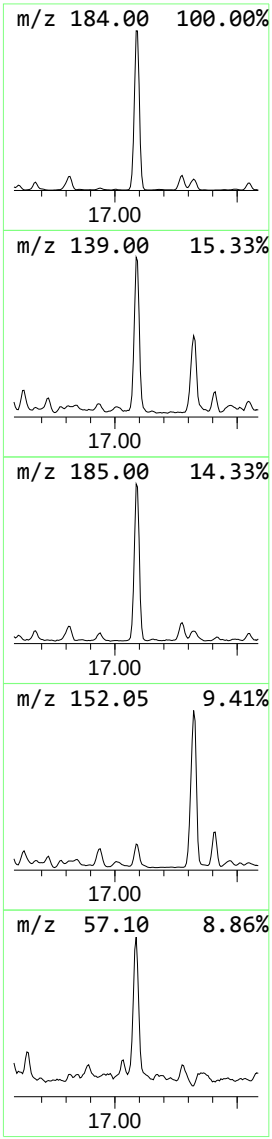
****

Peak Number 14 Dibenzothiophene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.087	36.33 ng	6800000	Phenanthrene-d10	17.275

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	95
3	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	94
4	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	93
5	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092321\
Data File : BP007136.D
Acq On : 23 Sep 2021 21:36
Operator : CG/JU
Sample : M3872-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SP-LPA-01

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

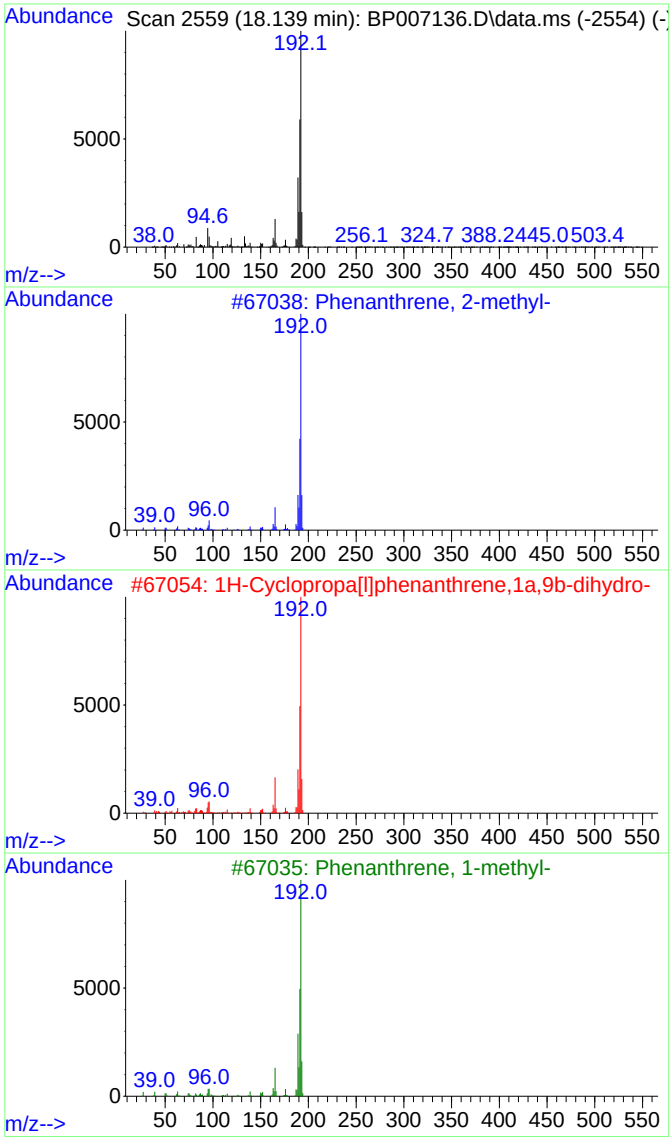
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

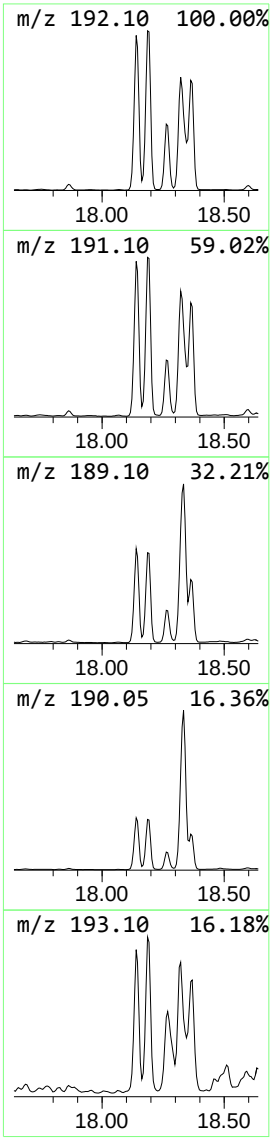
****

Peak Number 15 Phenanthrene, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.139	81.59 ng	15272600	Phenanthrene-d10	17.275

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092321\
Data File : BP007136.D
Acq On : 23 Sep 2021 21:36
Operator : CG/JU
Sample : M3872-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SP-LPA-01

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

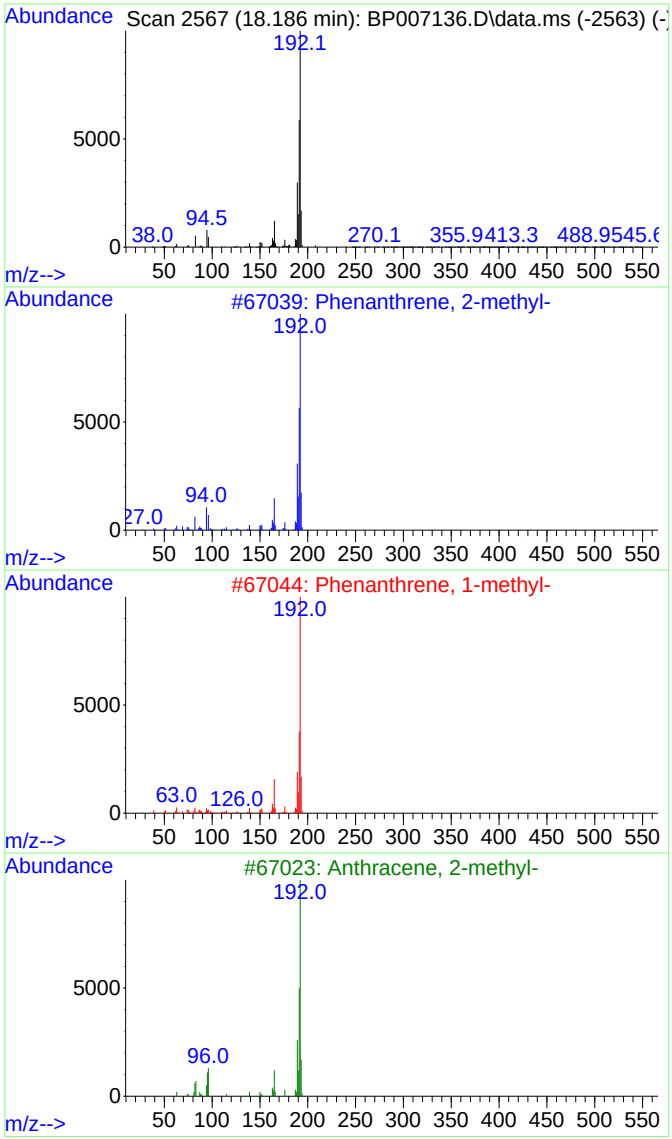
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

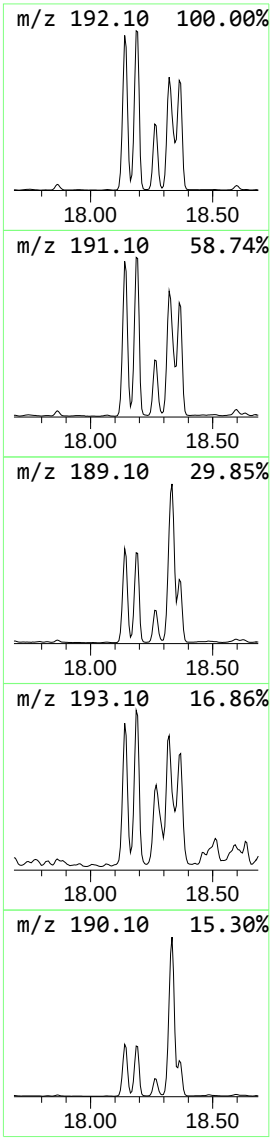
****

Peak Number 16 Phenanthrene, 1-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.186	90.61 ng	16960700	Phenanthrene-d10	17.275

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





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092321\
Data File : BP007136.D
Acq On : 23 Sep 2021 21:36
Operator : CG/JU
Sample : M3872-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SP-LPA-01

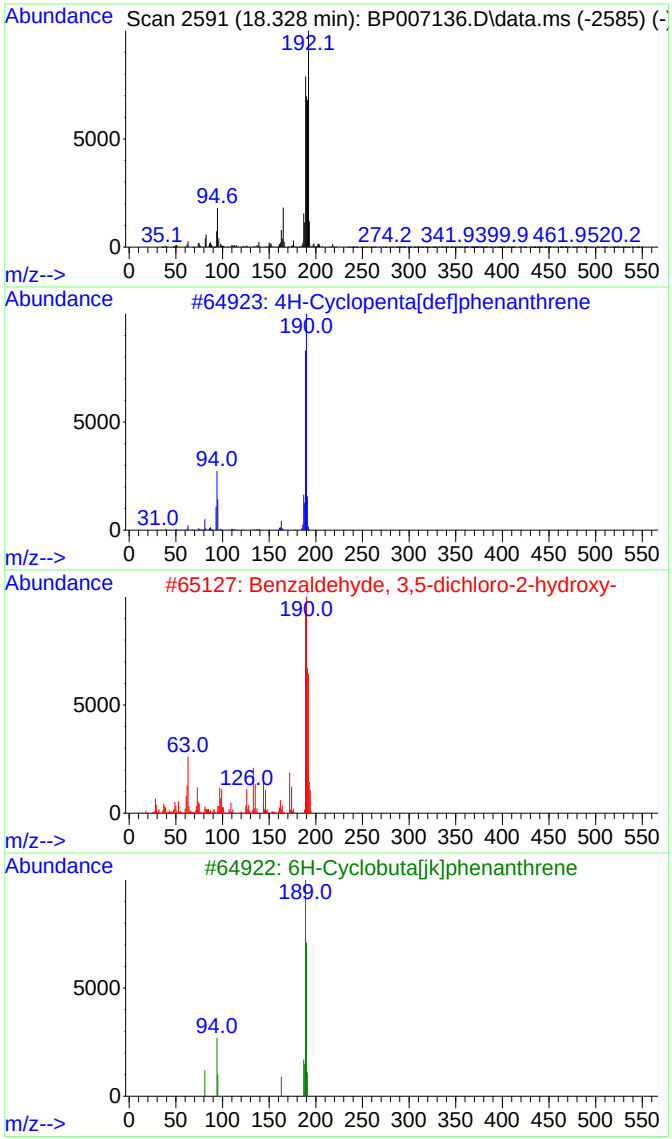
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

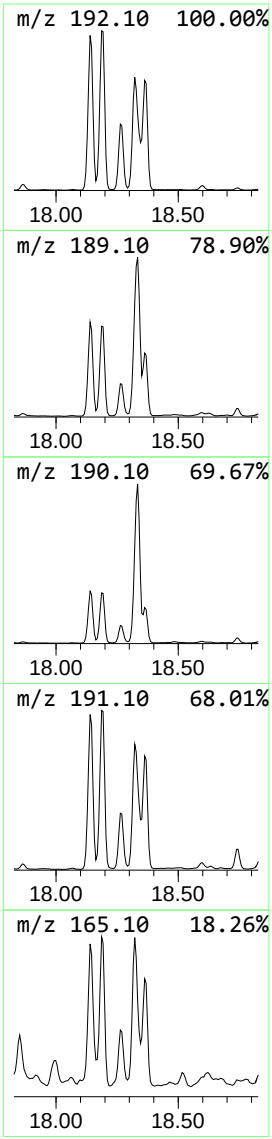
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.328	87.33 ng	16347700	Phenanthrene-d10	17.275

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	55
2	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	53
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	46
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	46
5	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	45





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092321\
Data File : BP007136.D
Acq On : 23 Sep 2021 21:36
Operator : CG/JU
Sample : M3872-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SP-LPA-01

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

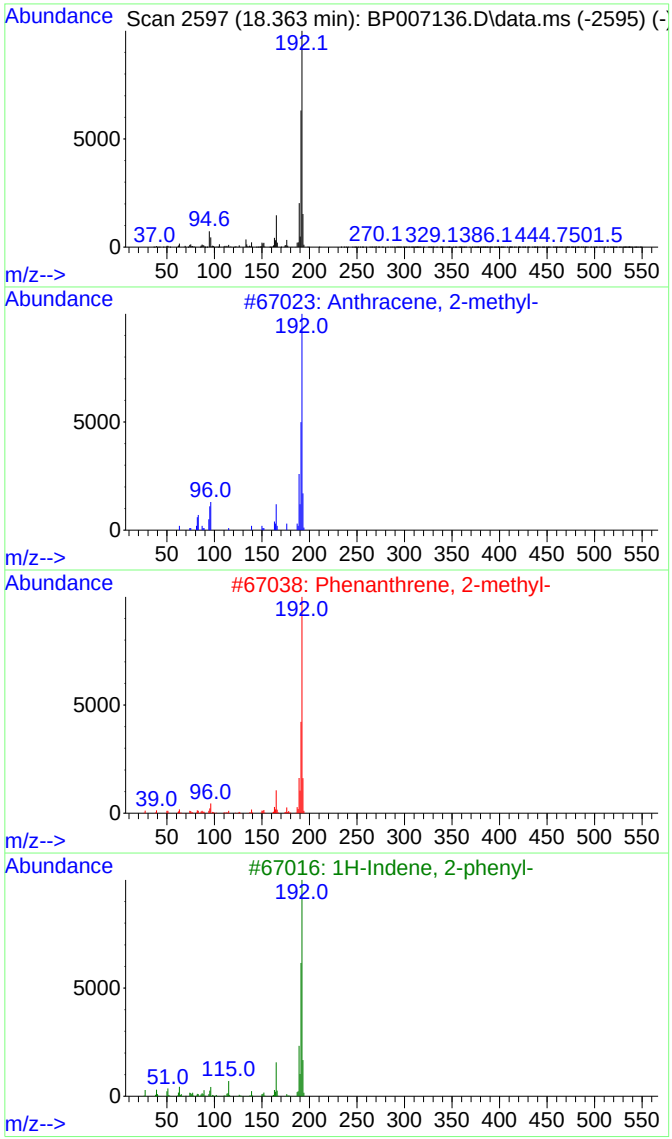
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

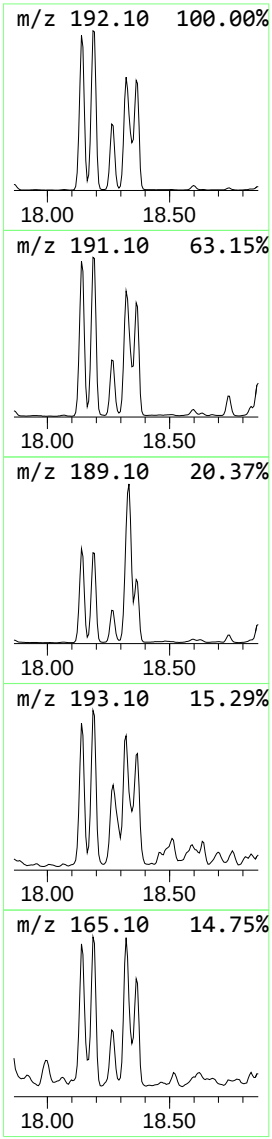
****

Peak Number 18 Anthracene, 2-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.363	42.13 ng	7885330	Phenanthrene-d10	17.275

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
3	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	90
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	90
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	86





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092321\
Data File : BP007136.D
Acq On : 23 Sep 2021 21:36
Operator : CG/JU
Sample : M3872-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SP-LPA-01

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

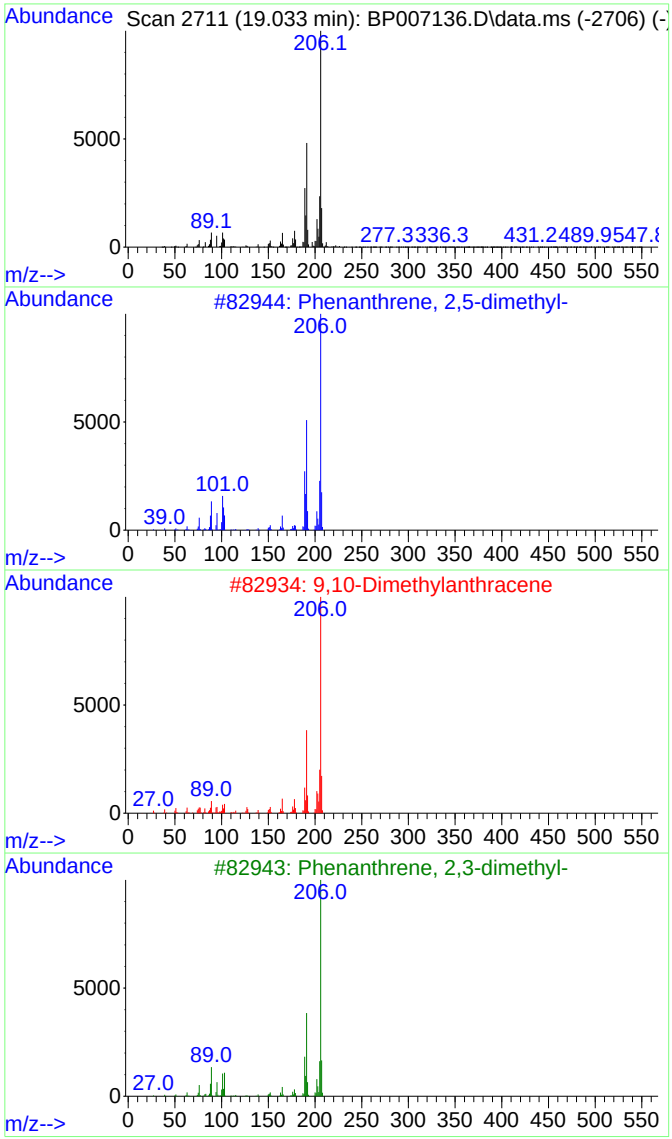
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

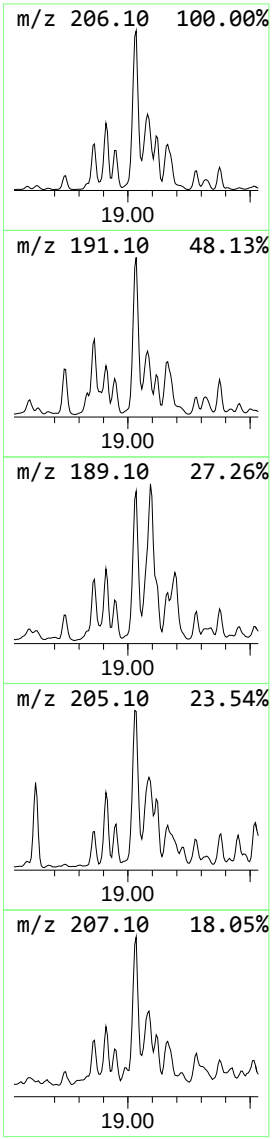
****

Peak Number 19 Phenanthrene, 2,5-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.033	40.09 ng	7504210	Phenanthrene-d10	17.275

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	95
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	95
3	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	93
4	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	91
5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092321\
Data File : BP007136.D
Acq On : 23 Sep 2021 21:36
Operator : CG/JU
Sample : M3872-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SP-LPA-01

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

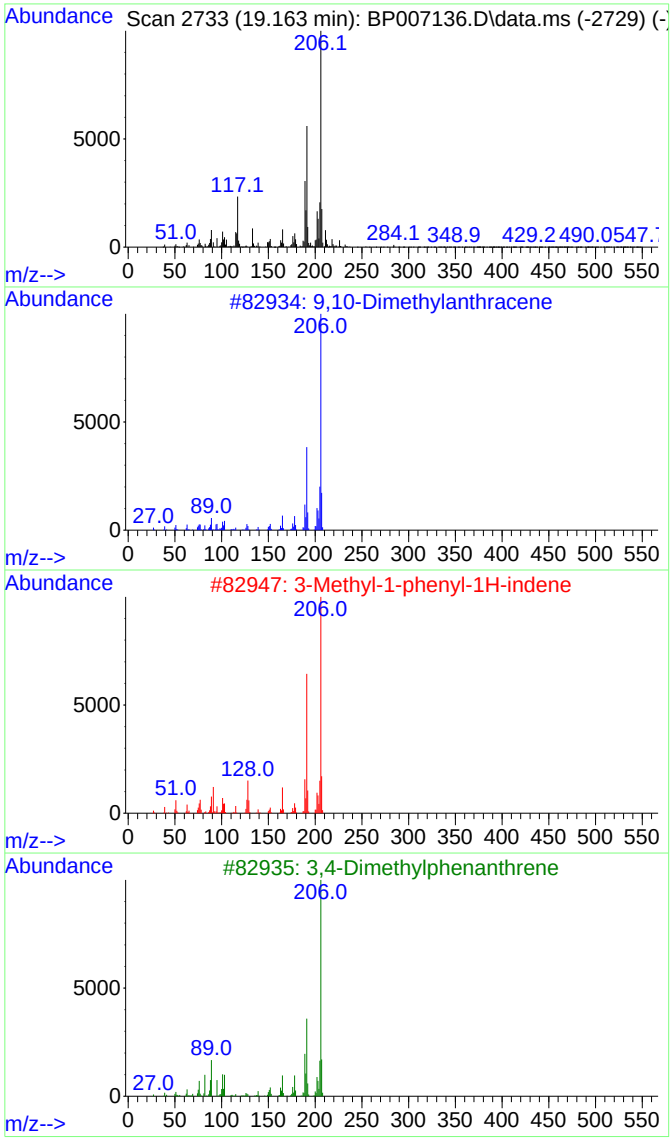
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

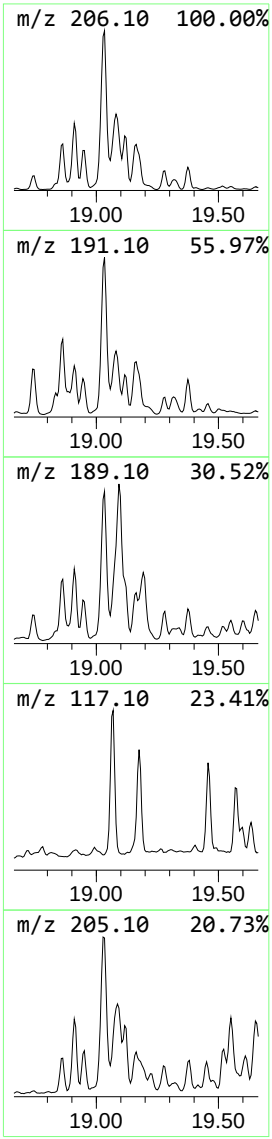
****

Peak Number 20 9,10-Dimethylanthracene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.163	39.99 ng	7485440	Phenanthrene-d10	17.275

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylanthracene	206	C16H14	000781-43-1	93
2	3-Methyl-1-phenyl-1H-indene	206	C16H14	022360-63-0	92
3	3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	91
4	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	90
5	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092321\
Data File : BP007136.D
Acq On : 23 Sep 2021 21:36
Operator : CG/JU
Sample : M3872-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SP-LPA-01

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092121.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-ethe...	7.552	61.6	ng	7282150	1	7.893	2365730	20.0
Indane	8.263	49.3	ng	5834520	1	7.893	2365730	20.0
Indene	8.434	55.0	ng	6507240	1	7.893	2365730	20.0
Benzene, 1,2,4,...	11.346	41.4	ng	7932790	2	10.693	3830430	20.0
Naphthalene, 1-...	13.557	37.1	ng	6416780	3	14.522	3455920	20.0
Naphthalene, 1,...	13.710	144.3	ng	24925800	3	14.522	3455920	20.0
Naphthalene, 2,...	13.851	147.5	ng	25481100	3	14.522	3455920	20.0
Naphthalene, 1,...	13.904	83.4	ng	14413500	3	14.522	3455920	20.0
Naphthalene, 2,...	14.087	65.0	ng	11232100	3	14.522	3455920	20.0
Naphthalene, 1,...	14.734	43.2	ng	7461120	3	14.522	3455920	20.0
Naphthalene, 2,...	14.998	38.5	ng	6657240	3	14.522	3455920	20.0
Naphthalene, 1,...	15.140	39.4	ng	6799900	3	14.522	3455920	20.0
9H-Fluorene, 2-...	16.575	36.1	ng	6766480	4	17.275	3743770	20.0
Dibenzothiophene	17.087	36.3	ng	6800000	4	17.275	3743770	20.0
Phenanthrene, 2...	18.139	81.6	ng	15272600	4	17.275	3743770	20.0
Phenanthrene, 1...	18.186	90.6	ng	16960700	4	17.275	3743770	20.0
4H-Cyclopenta[d...	18.328	87.3	ng	16347700	4	17.275	3743770	20.0
Anthracene, 2-m...	18.363	42.1	ng	7885330	4	17.275	3743770	20.0
Phenanthrene, 2...	19.033	40.1	ng	7504210	4	17.275	3743770	20.0
9,10-Dimethylan...	19.163	40.0	ng	7485440	4	17.275	3743770	20.0