LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031522\
Data File : BP009402.D
Acq On : 15 Mar 2022 17:23
Operator : CG/JU
Sample : N1922-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
7PH-1-7.5-8

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-BP030522.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP009402.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.058	8	12	26	rVB	405986	681593	4.30%	0.464%
2	5.422	406	414	434	rBV	3650512	6075855	38.34%	4.137%
3	7.005	676	683	701	rBV	3411164	6230669	39.32%	4.242%
4	7.810	812	820	828	rBV	1086357	1804556	11.39%	1.229%
5	8.963	1008	1016	1028	rBV	2226546	4102593	25.89%	2.793%
6	10.404	1253	1261	1270	rBV2	75178	198138	1.25%	0.135%
7	10.604	1287	1295	1308	rBV	1413041	2680198	16.91%	1.825%
8	12.898	1680	1685	1690	rVB3	101436	179897	1.14%	0.122%
9	13.075	1707	1715	1727	rBV	6538490	10748010	67.83%	7.318%
10	13.245	1739	1744	1748	rBV	179644	300426	1.90%	0.205%
11	13.616	1801	1807	1808	rBV	349857	505845	3.19%	0.344%
12	13.775	1828	1834	1839	rBV	953362	1719916	10.85%	1.171%
13	13.828	1839	1843	1847	rVV	552388	853185	5.38%	0.581%
14	13.881	1847	1852	1859	rVB	525110	803180	5.07%	0.547%
15	14.010	1867	1874	1878	rBV2	577639	1118914	7.06%	0.762%
16	14.198	1899	1906	1913	rVB6	214616	588801	3.72%	0.401%
17	14.287	1917	1921	1929	rVB	693748	1078424	6.81%	0.734%
18	14.363	1930	1934	1939	rBV5	156099	263319	1.66%	0.179%
19	14.451	1940	1949	1956	rBV	2390118	4008268	25.29%	2.729%
20	14.510	1956	1959	1962	rBV2	155095	203308	1.28%	0.138%
21	14.681	1981	1988	1994	rBV2	210703	568280	3.59%	0.387%
22	14.851	2011	2017	2024	rBV	878898	1617307	10.21%	1.101%
23	14.934	2026	2031	2039	rVB2	583124	1008837	6.37%	0.687%
24	15.075	2050	2055	2060	rBV	526242	945059	5.96%	0.643%
25	15.128	2060	2064	2069	rVB	392489	578527	3.65%	0.394%
26	15.245	2077	2084	2088	rBV4	500869	1293406	8.16%	0.881%
27	15.498	2123	2127	2132	rVB2	396807	574443	3.63%	0.391%
28	15.722	2163	2165	2172	rVB3	125354	237604	1.50%	0.162%
29	15.804	2174	2179	2187	rVB2	459042	963574	6.08%	0.656%
30	15.951	2198	2204	2210	rVB	5875696	8911834	56.24%	6.068%
31	16.010	2210	2214	2222	rVB3	508727	921465	5.81%	0.627%
32	16.169	2237	2241	2250	rBV2	535844	1307495	8.25%	0.890%
33	16.245	2251	2254	2258	rVB	411988	529083	3.34%	0.360%
34	16.328	2264	2268	2271	rBV	181627	260741	1.65%	0.178%
35	16.492	2292	2296	2300	rBV	462223	661324	4.17%	0.450%
36	16.775	2336	2344	2350	rBV4	779472	1715147	10.82%	1.168%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031522\
Data File : BP009402.D
Acq On : 15 Mar 2022 17:23
Operator : CG/JU
Sample : N1922-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 7PH-1-7.5-8

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-BP030522.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	16.892	2356	2364	2369	rBV5	646400	1389611	8.77%	0.946%
38	17.033	2384	2388	2396	rBV3	411112	831102	5.24%	0.566%
39	17.216	2413	2419	2422	rBV	2723058	4508049	28.45%	3.070%
40	17.257	2422	2426	2432	rVB	6034716	9097496	57.41%	6.195%
41	17.428	2452	2455	2459	rVB3	247428	278026	1.75%	0.189%
42	17.539	2470	2474	2478	rVB2	287625	475839	3.00%	0.324%
43	17.622	2485	2488	2492	rBV	350688	483973	3.05%	0.330%
44	17.739	2504	2508	2514	rVB	820647	1197057	7.55%	0.815%
45	17.798	2514	2518	2522	rBV2	362175	514717	3.25%	0.350%
46	17.898	2533	2535	2539	rBV3	198033	244350	1.54%	0.166%
47	18.086	2563	2567	2570	rBV2	688098	956636	6.04%	0.651%
48	18.128	2570	2574	2586	rVB4	1813755	3202663	20.21%	2.181%
49	18.269	2594	2598	2602	rBV	622046	958081	6.05%	0.652%
50	18.310	2602	2605	2611	rVB	629522	903964	5.70%	0.616%
51	18.398	2617	2620	2624	rBV3	268662	314037	1.98%	0.214%
52	18.575	2647	2650	2652	rBV3	358512	454984	2.87%	0.310%
53	18.610	2652	2656	2668	rVB	3235684	5095372	32.15%	3.469%
54	18.863	2696	2699	2703	rVB3	409291	527269	3.33%	0.359%
55	18.980	2716	2719	2723	rVB	504066	671899	4.24%	0.457%
56	19.110	2738	2741	2747	rVB	499636	730721	4.61%	0.498%
57	19.233	2758	2762	2766	rBV	1752936	2555373	16.13%	1.740%
58	19.363	2781	2784	2790	rVB3	447930	679845	4.29%	0.463%
59	19.427	2792	2795	2800	rVB2	473682	627596	3.96%	0.427%
60	19.586	2819	2822	2830	rVB	1167111	1612455	10.18%	1.098%
61	19.792	2852	2857	2869	rVB	12154062	15846458	100.00%	10.790%
62	20.069	2901	2904	2909	rVB2	704723	939366	5.93%	0.640%
63	20.545	2982	2985	2990	rBV	1474465	1692284	10.68%	1.152%
64	20.939	3049	3052	3059	rBV4	628667	948320	5.98%	0.646%
65	21.051	3068	3071	3077	rVB3	556566	829141	5.23%	0.565%
66	21.245	3099	3104	3110	rVB	3184480	4289417	27.07%	2.921%
67	21.322	3113	3117	3122	rBV	3441906	4617321	29.14%	3.144%
68	21.445	3133	3138	3143	rBV	3781361	5745175	36.26%	3.912%
69	22.227	3268	3271	3277	rVB	1254000	1898058	11.98%	1.292%
70	23.733	3521	3527	3543	rVB2	2539786	5508170	34.76%	3.751%

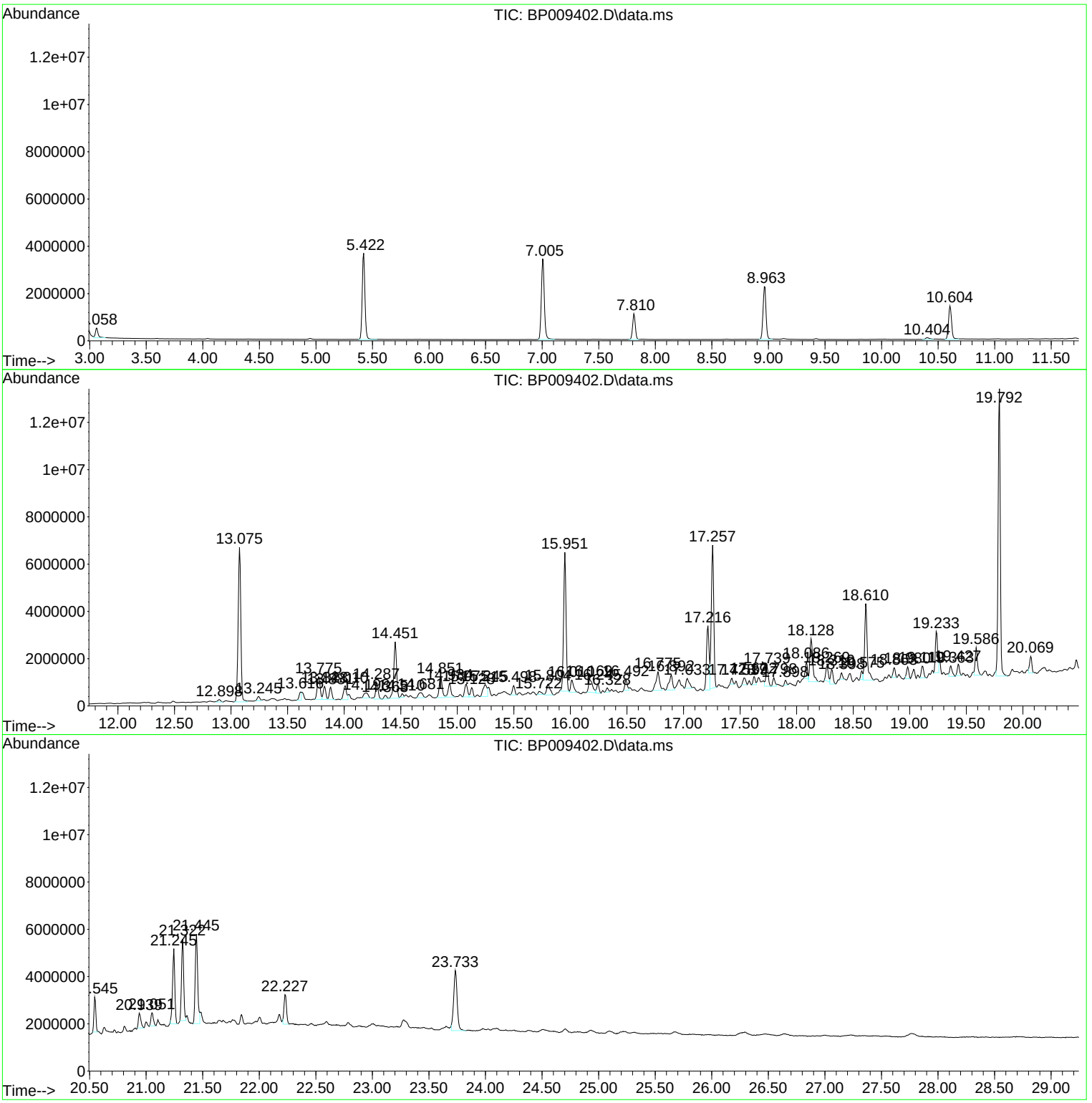
Sum of corrected areas: 146864046

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031522\
Data File : BP009402.D
Acq On : 15 Mar 2022 17:23
Operator : CG/JU
Sample : N1922-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
7PH-1-7.5-8

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP030522.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\BP031522\
Data File : BP009402.D
Acq On : 15 Mar 2022 17:23
Operator : CG/JU
Sample : N1922-01
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Instrument :
BNA_P
ClientSampleId :
7PH-1-7.5-8

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP030522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

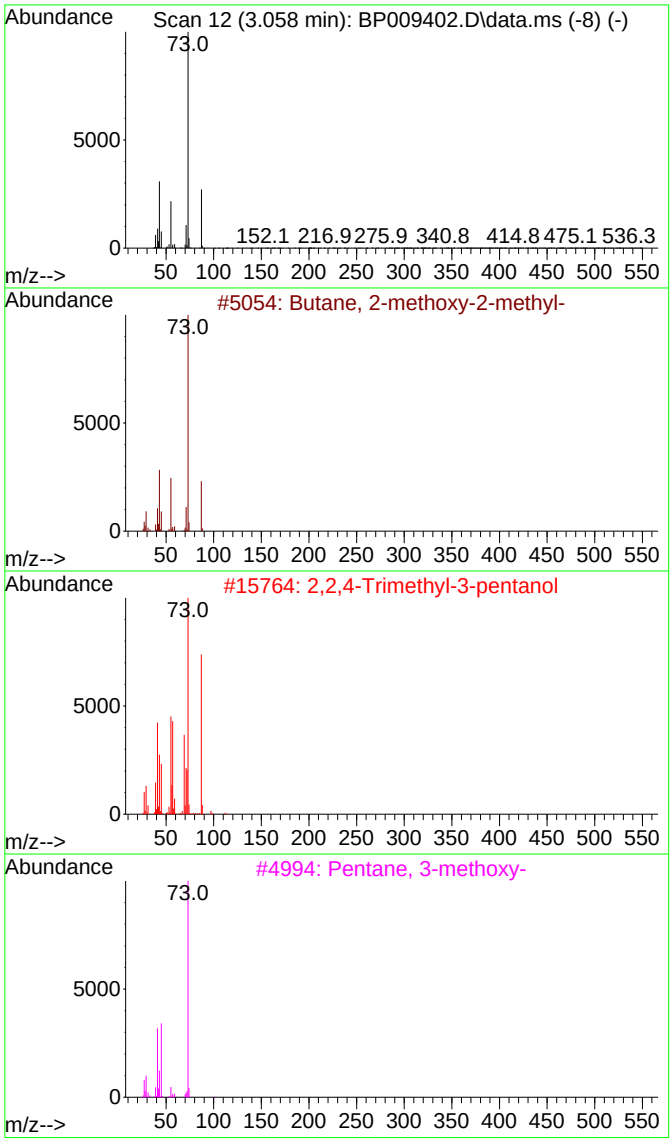
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

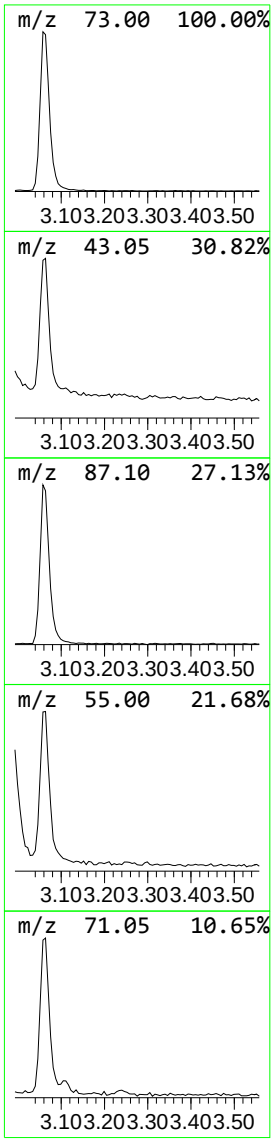
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.058	7.55 ng	681593	1,4-Dichlorobenzene-d4	7.810

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	43
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	17
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031522\
Data File : BP009402.D
Acq On : 15 Mar 2022 17:23
Operator : CG/JU
Sample : N1922-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
7PH-1-7.5-8

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP030522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

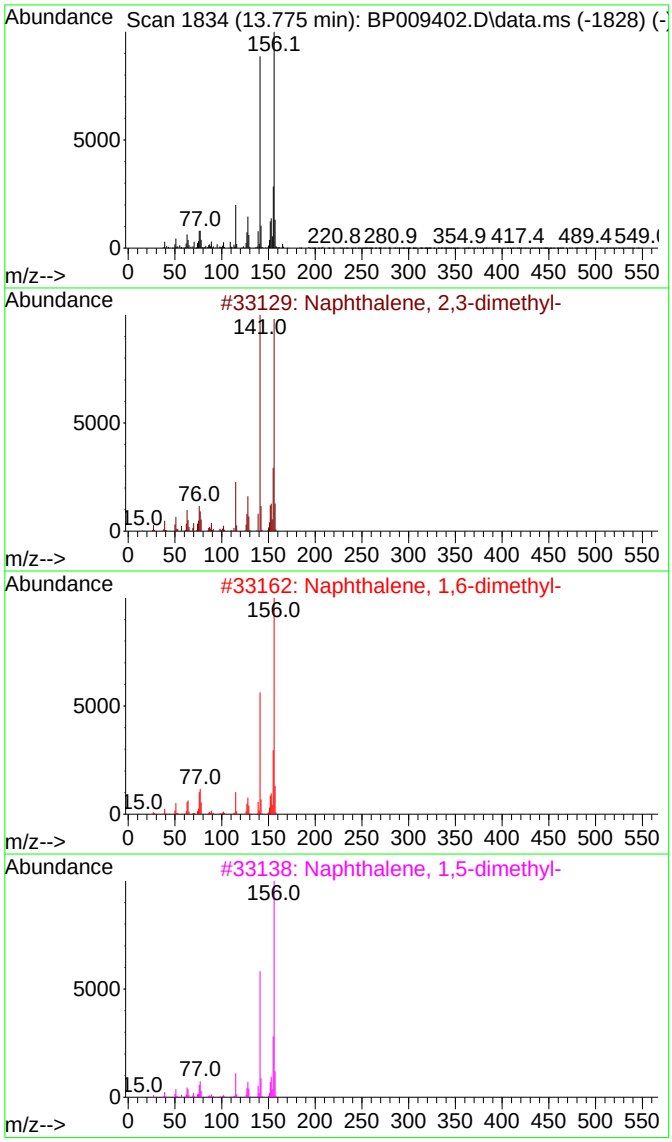
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

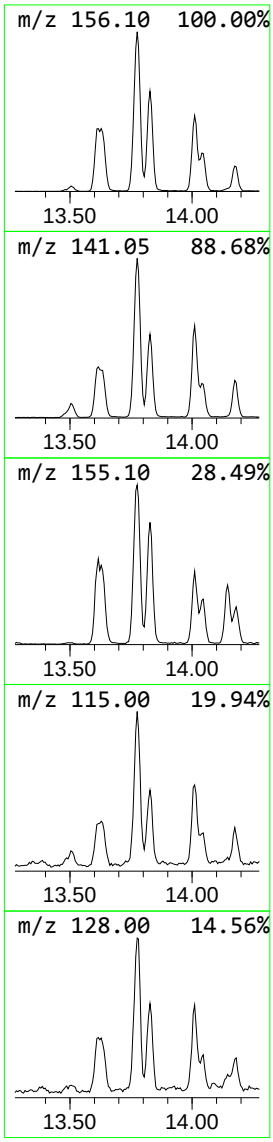
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.775	8.58 ng	1719920	Acenaphthene-d10	14.451

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





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031522\
Data File : BP009402.D
Acq On : 15 Mar 2022 17:23
Operator : CG/JU
Sample : N1922-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
7PH-1-7.5-8

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP030522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

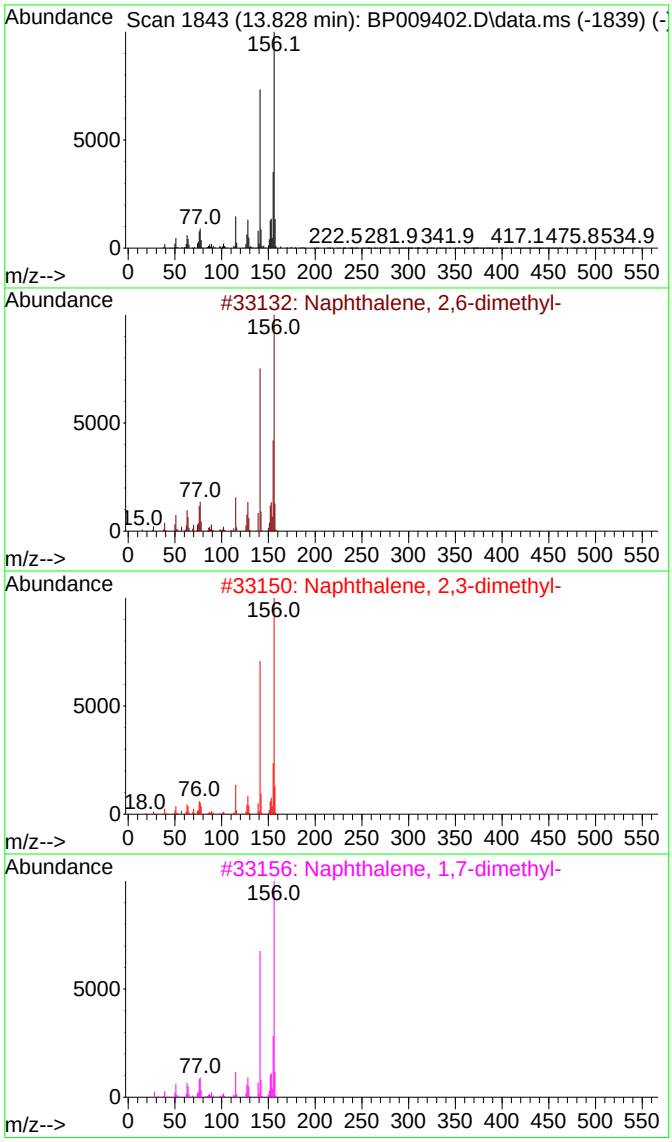
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

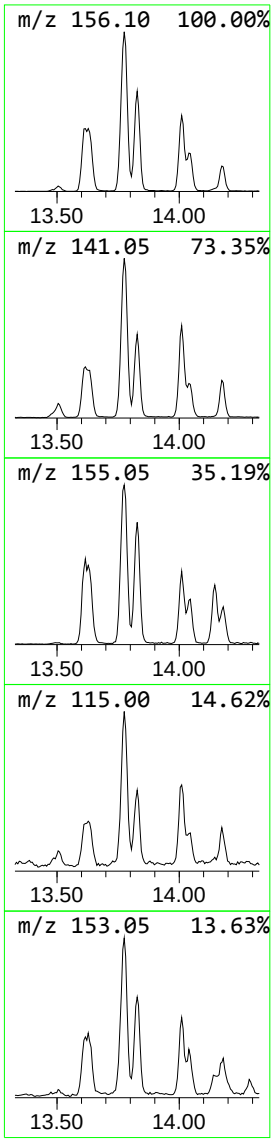
****

Peak Number 3 Naphthalene, 2,6-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.828	4.26 ng	853185	Acenaphthene-d10	14.451

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





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031522\
Data File : BP009402.D
Acq On : 15 Mar 2022 17:23
Operator : CG/JU
Sample : N1922-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
7PH-1-7.5-8

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP030522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

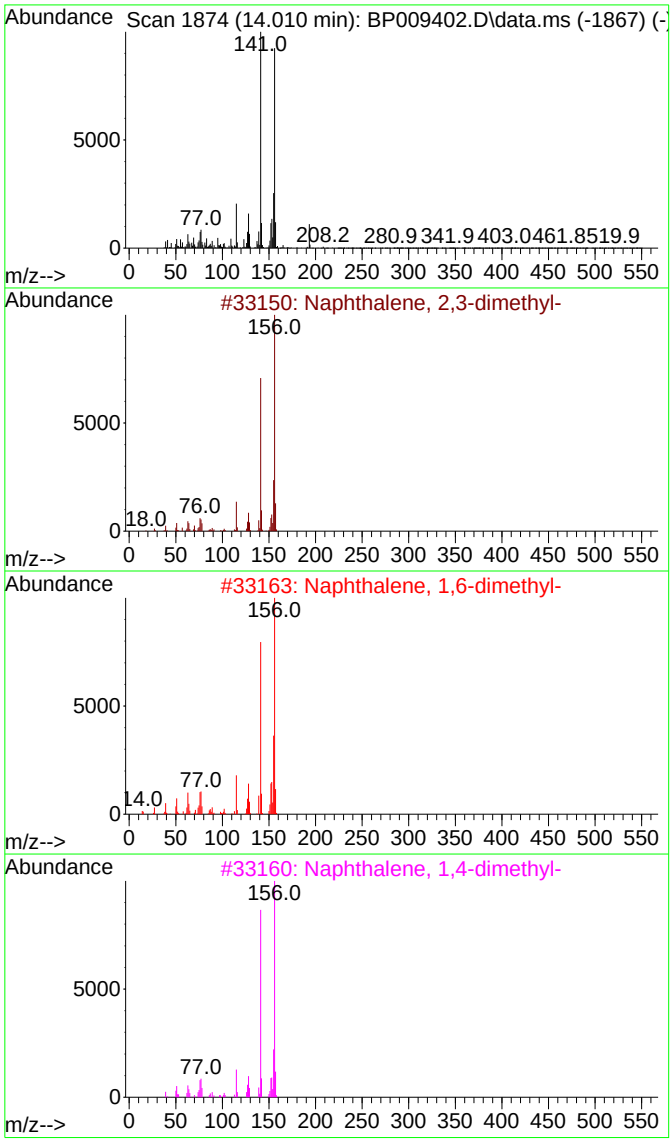
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

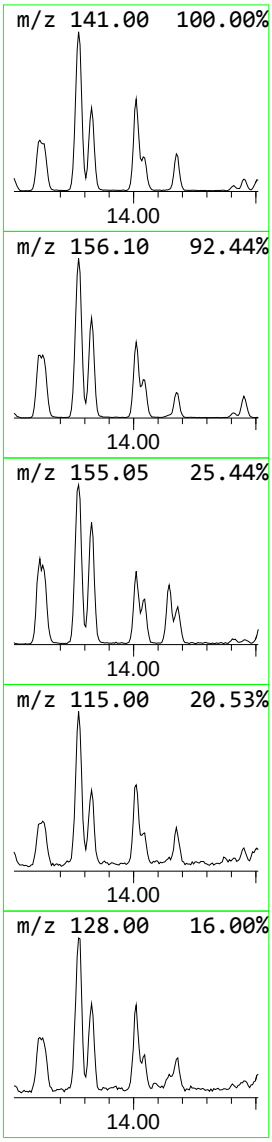
****

Peak Number 4 Naphthalene, 1,6-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.010	5.58 ng	1118910	Acenaphthene-d10	14.451

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
3	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
4	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
5	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031522\
Data File : BP009402.D
Acq On : 15 Mar 2022 17:23
Operator : CG/JU
Sample : N1922-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
7PH-1-7.5-8

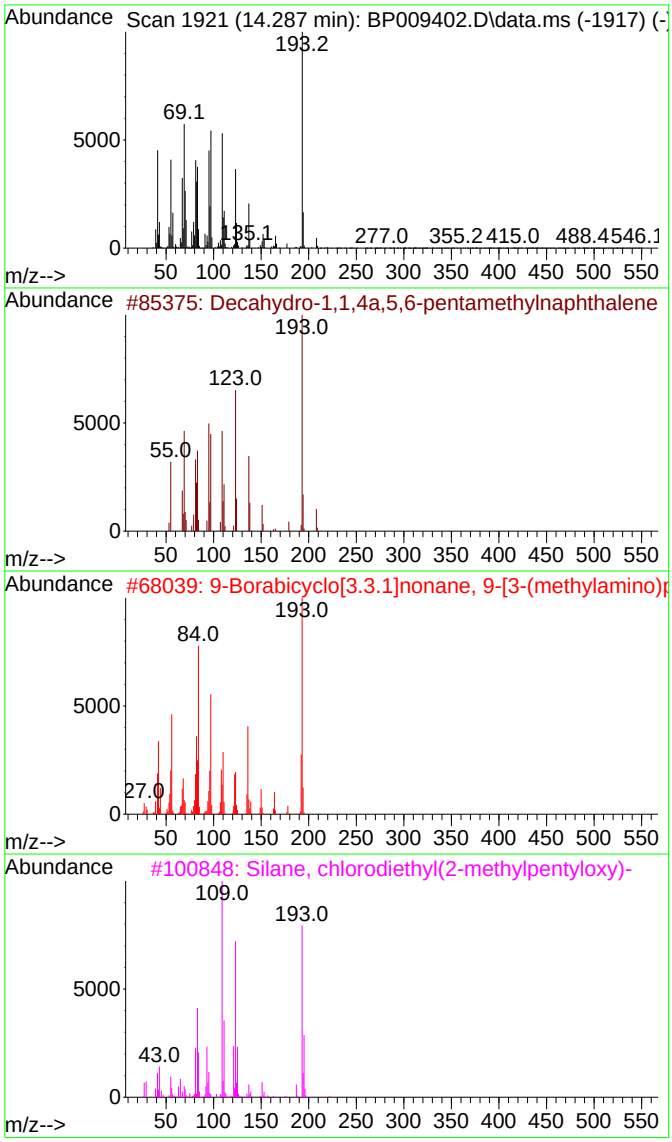
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP030522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

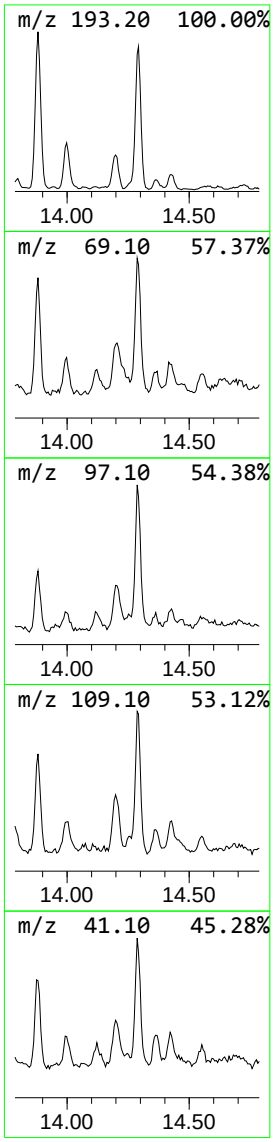
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Decahydro-1,1,4a,5,6-pentam... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.287	5.38 ng	1078420	Acenaphthene-d10	14.451

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decahydro-1,1,4a,5,6-pentamethyl...	208	C15H28	080655-44-3	50
2	9-Borabicyclo[3.3.1]nonane, 9-[3...	193	C12H24BN	1010162-56-0	47
3	Silane, chlorodiethyl(2-methylpe...	222	C10H23ClOSi	1000363-12-7	43
4	2-Anthracenamine	193	C14H11N	000613-13-8	27
5	6-Methylphenanthridine	193	C14H11N	003955-65-5	27





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031522\
Data File : BP009402.D
Acq On : 15 Mar 2022 17:23
Operator : CG/JU
Sample : N1922-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
7PH-1-7.5-8

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP030522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

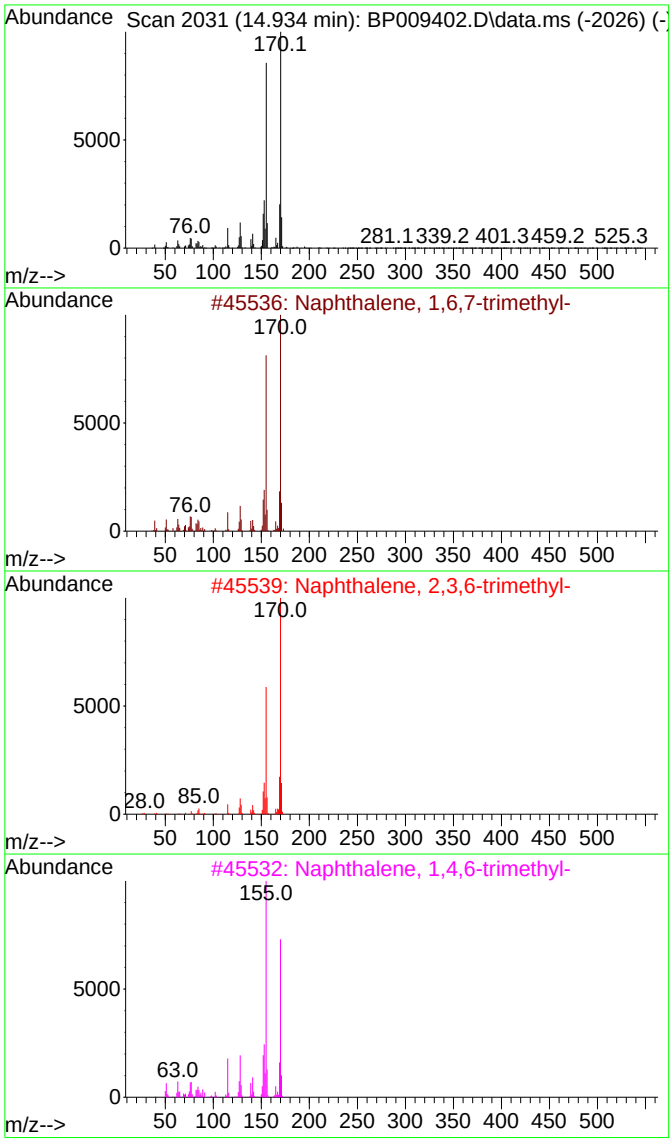
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

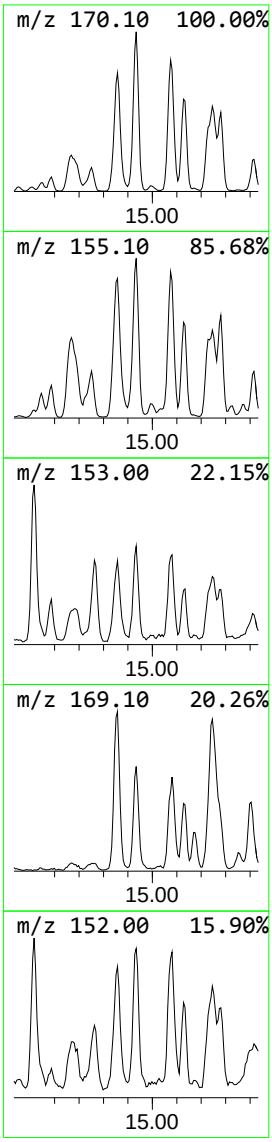
****

Peak Number 6 Naphthalene, 1,6,7-trimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.934	5.03 ng	1008840	Acenaphthene-d10	14.451

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	97
2	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	96
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	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031522\
Data File : BP009402.D
Acq On : 15 Mar 2022 17:23
Operator : CG/JU
Sample : N1922-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
7PH-1-7.5-8

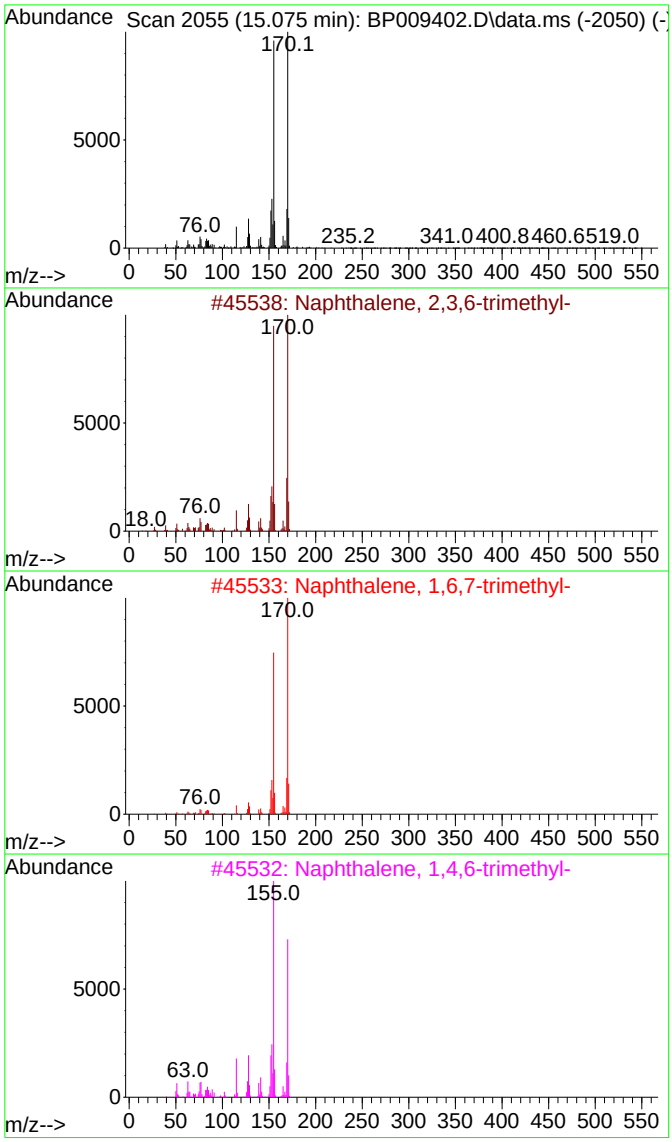
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP030522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

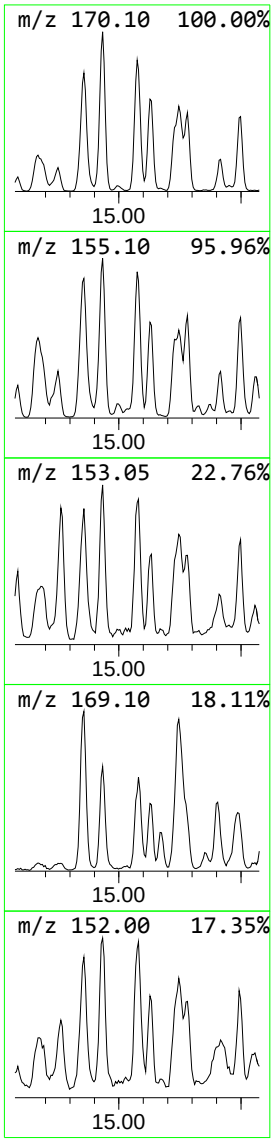
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Naphthalene, 2,3,6-trimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.075	4.72 ng	945059	Acenaphthene-d10	14.451

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	97
4	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	94
5	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	91





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Acq On : 15 Mar 2022 17:23
Operator : CG/JU
Sample : N1922-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
7PH-1-7.5-8

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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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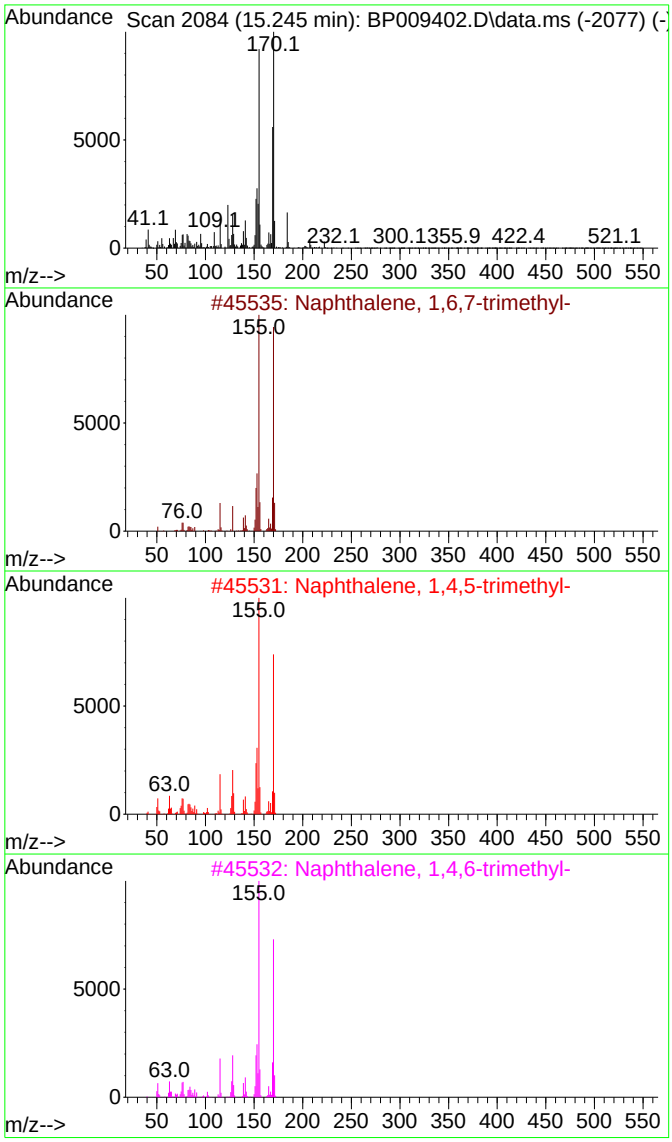
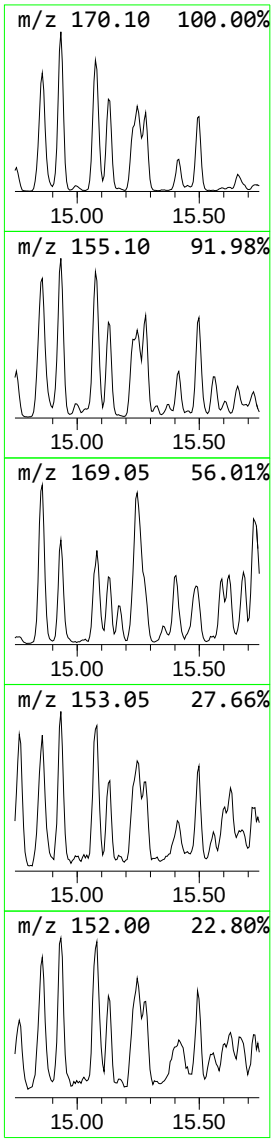
Peak Number 8 Naphthalene, 1,4,5-trimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.245	6.45 ng	1293410	Acenaphthene-d10	14.451

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	94
2	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	93
3	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	89
4	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	76
5	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	76





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Instrument :
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ClientSampleId :
7PH-1-7.5-8

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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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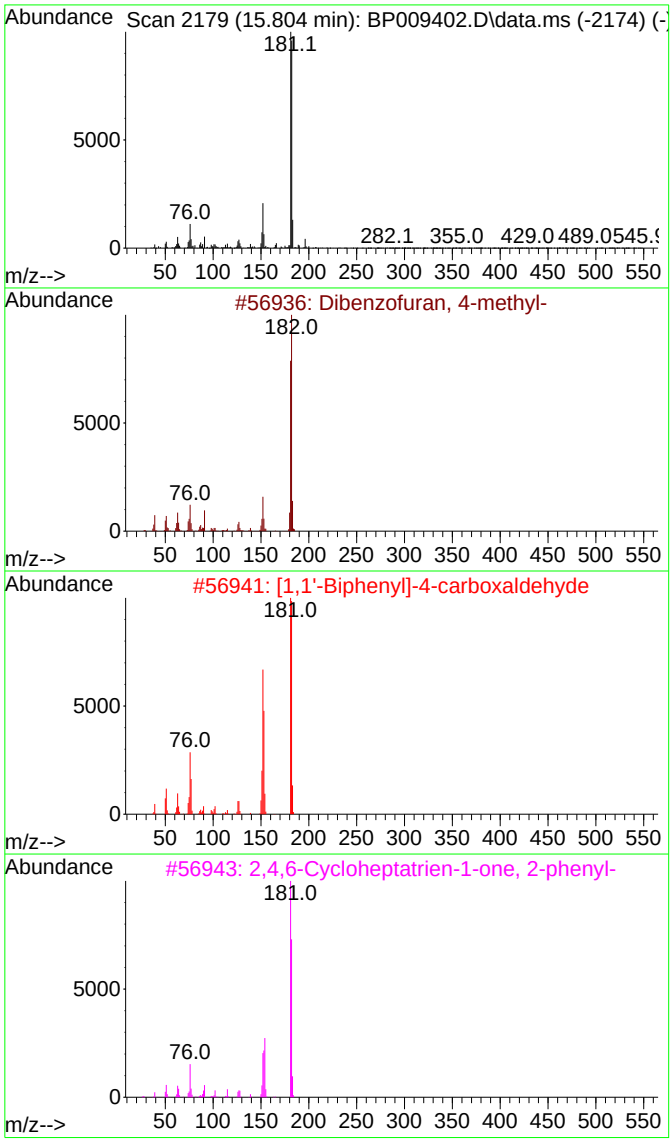
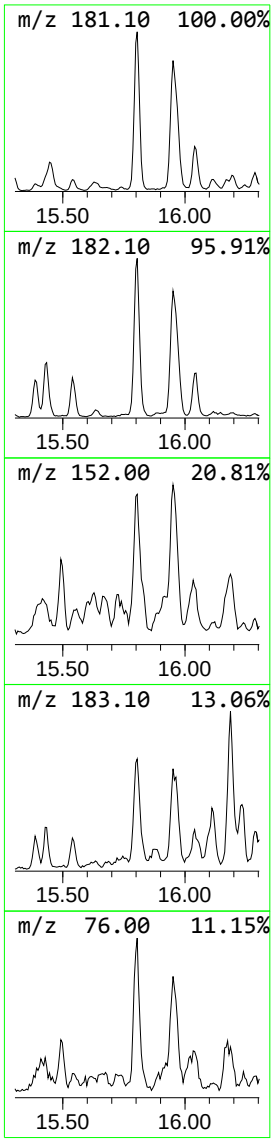
Peak Number 9 Dibenzofuran, 4-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.804	4.81 ng	963574	Acenaphthene-d10	14.451

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	87
2	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	86
3	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	78
4	3-(2-Naphthyl)acrylaldehyde	182	C13H10O	020884-05-3	72
5	Norharmane, N-methyl-	182	C12H10N2	1010374-78-6	64





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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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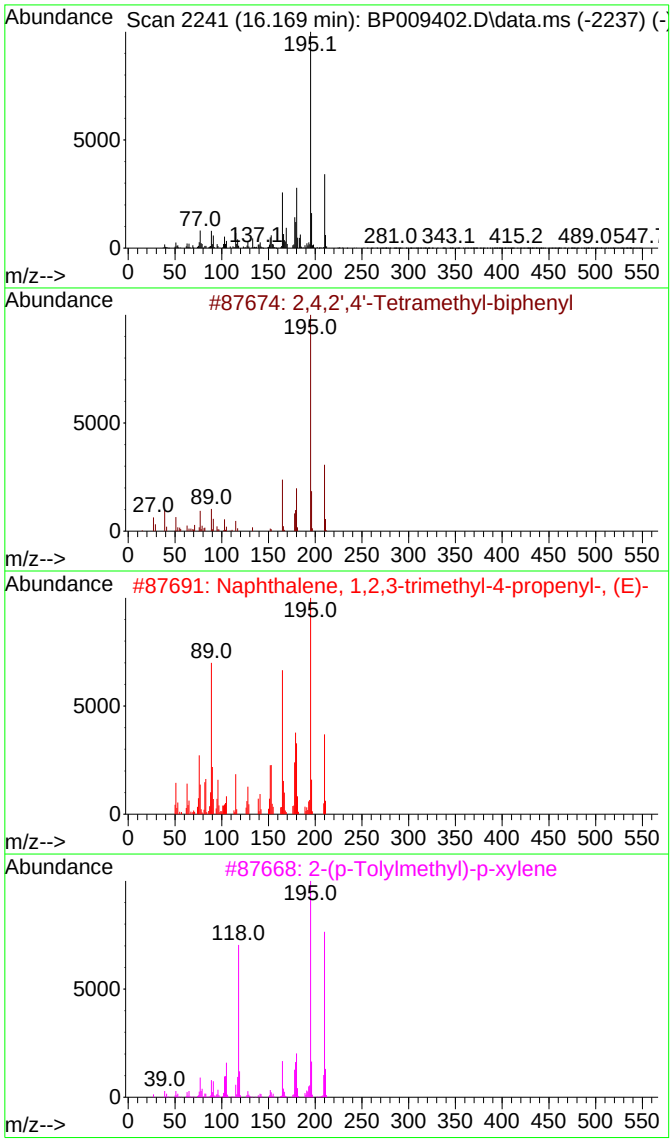
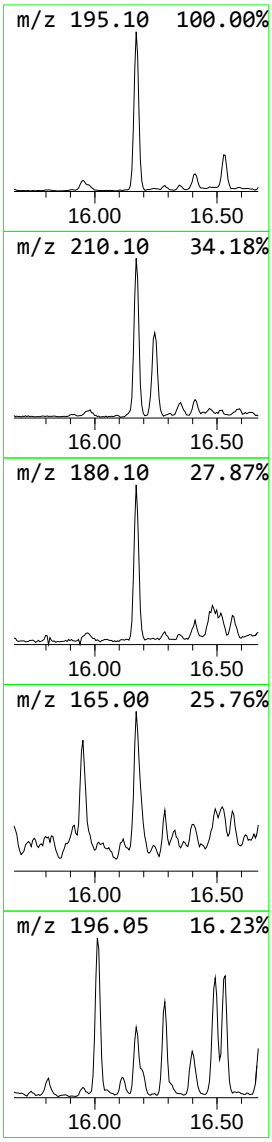
Peak Number 10 2,4,2',4'-Tetramethyl-biphenyl Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.169	5.80 ng	1307500	Phenanthrene-d10	17.216

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,2',4'-Tetramethyl-biphenyl	210	C16H18	1000486-97-7	93
2	Naphthalene, 1,2,3-trimethyl-4-p...	210	C16H18	026137-53-1	89
3	2-(p-Tolylmethyl)-p-xylene	210	C16H18	000721-45-9	80
4	3H-Pyrrolo[3,2-H]quinoline, 2,3,...	210	C14H14N2	083958-38-7	52
5	9,9-Dimethyl-9-silafluorene	210	C14H14Si	013688-68-1	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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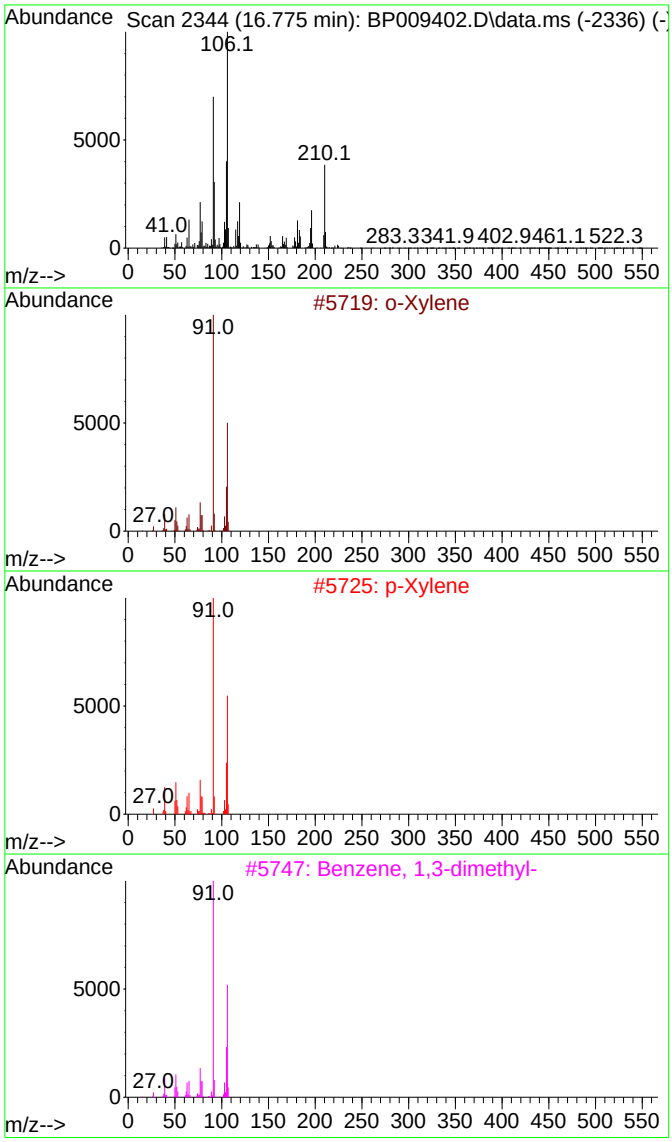
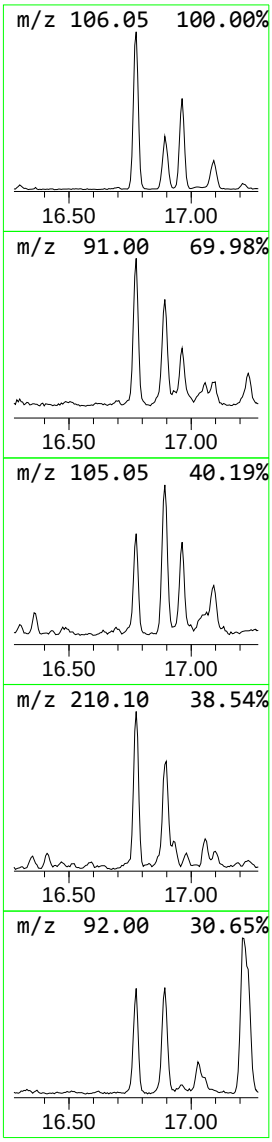
Peak Number 11 o-Xylene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.775	7.61 ng	1715150	Phenanthrene-d10	17.216

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Xylene	106	C8H10	000095-47-6	46
2	p-Xylene	106	C8H10	000106-42-3	41
3	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	41
4	2-(p-Tolyl)ethylamine	135	C9H13N	003261-62-9	38
5	2-Butanone, 1-amino-1-phenyl-	163	C10H13NO	032187-26-1	30





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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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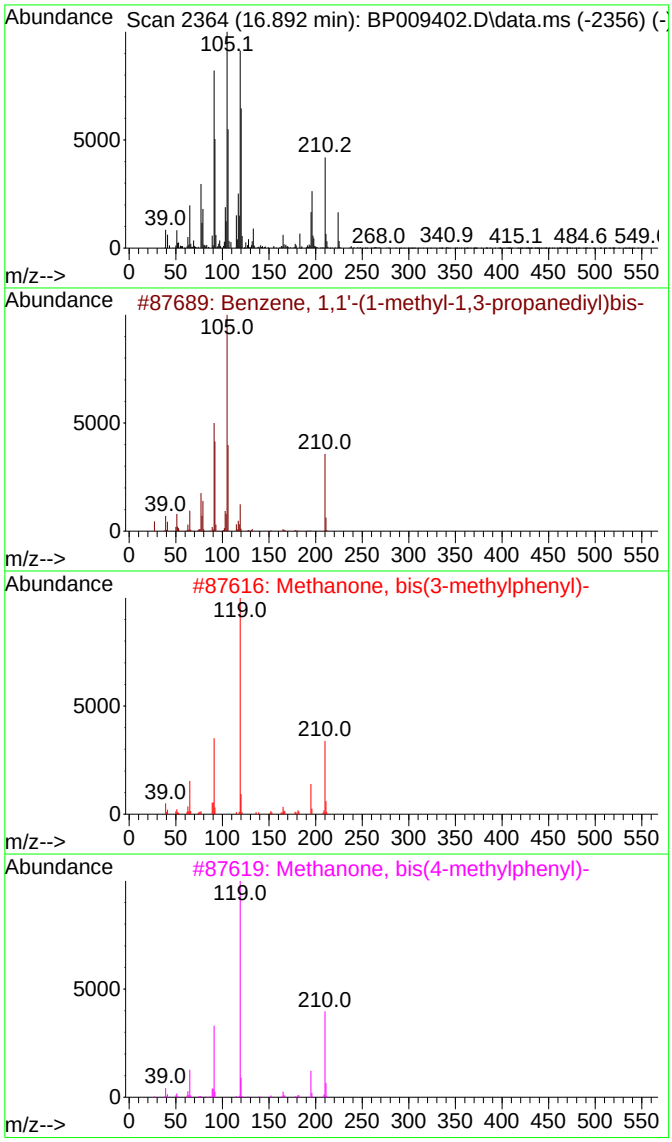
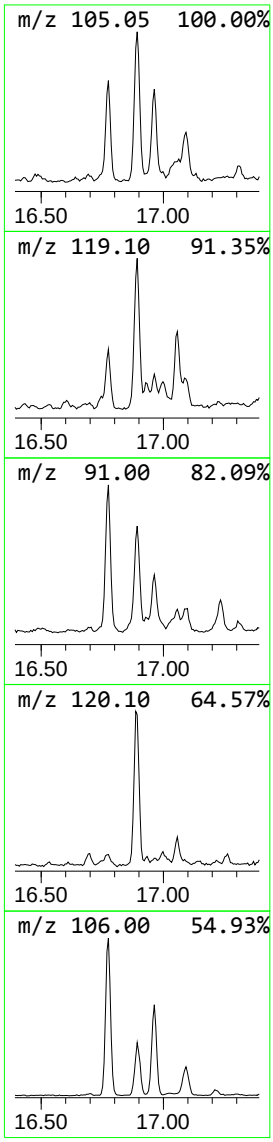
Peak Number 12 unknown16.892 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.892	6.17 ng	1389610	Phenanthrene-d10	17.216

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,1'-(1-methyl-1,3-prop...	210	C16H18	001520-44-1	41
2	Methanone, bis(3-methylphenyl)-	210	C15H14O	002852-68-8	41
3	Methanone, bis(4-methylphenyl)-	210	C15H14O	000611-97-2	38
4	Benzaldehyde, 3-methyl-	120	C8H8O	000620-23-5	38
5	Benzaldehyde, 4-methyl-	120	C8H8O	000104-87-0	38





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ALS Vial : 6 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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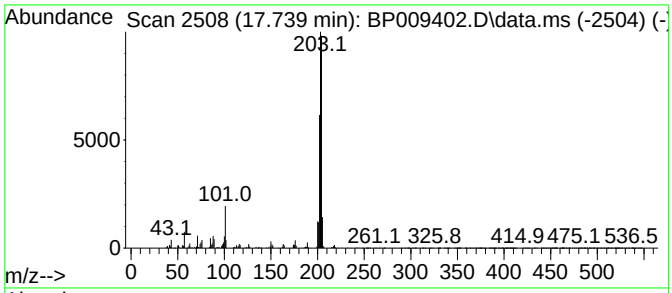
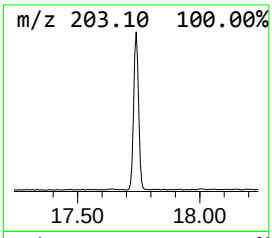
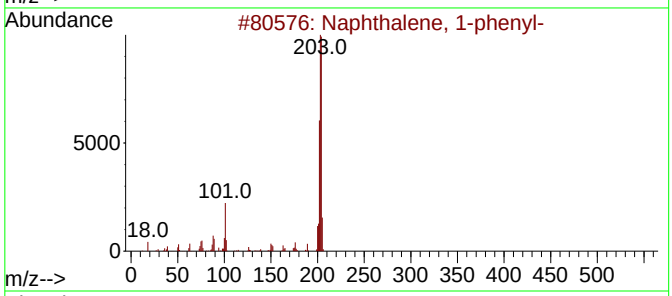
Peak Number 13 Naphthalene, 1-phenyl- Concentration Rank 14

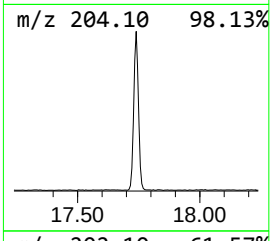
R.T.	EstConc	Area	Relative to ISTD	R.T.
17.739	5.31 ng	1197060	Phenanthrene-d10	17.216

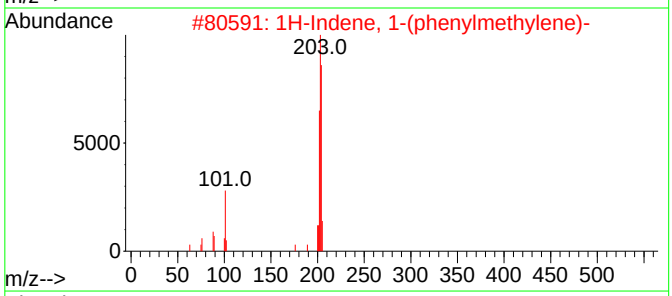
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	98
2	1H-Indene, 1-(phenylmethylene)-	204	C16H12	005394-86-5	93
3	Anthracene, 9-ethenyl-	204	C16H12	002444-68-0	90
4	9,10-ethenoanthracene, 9,10-dihy...	204	C16H12	1000400-47-8	81
5	Cyclobuta[1'',2'':3,4:3'',4'':3'...	204	C16H12	006574-36-3	68

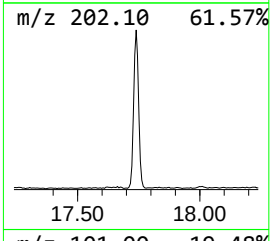


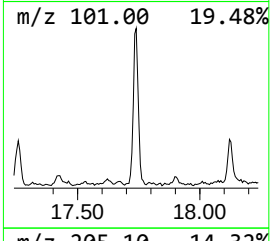


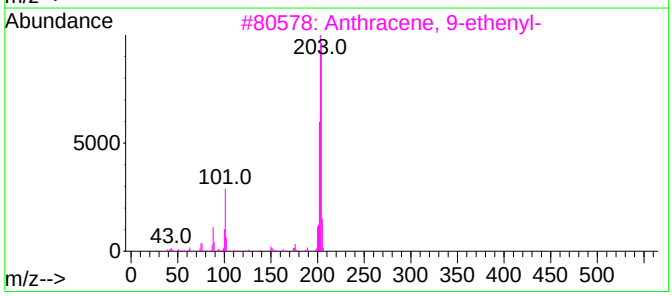


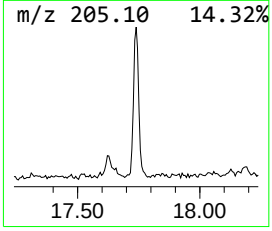












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Operator : CG/JU
Sample : N1922-01
Misc :
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Instrument :
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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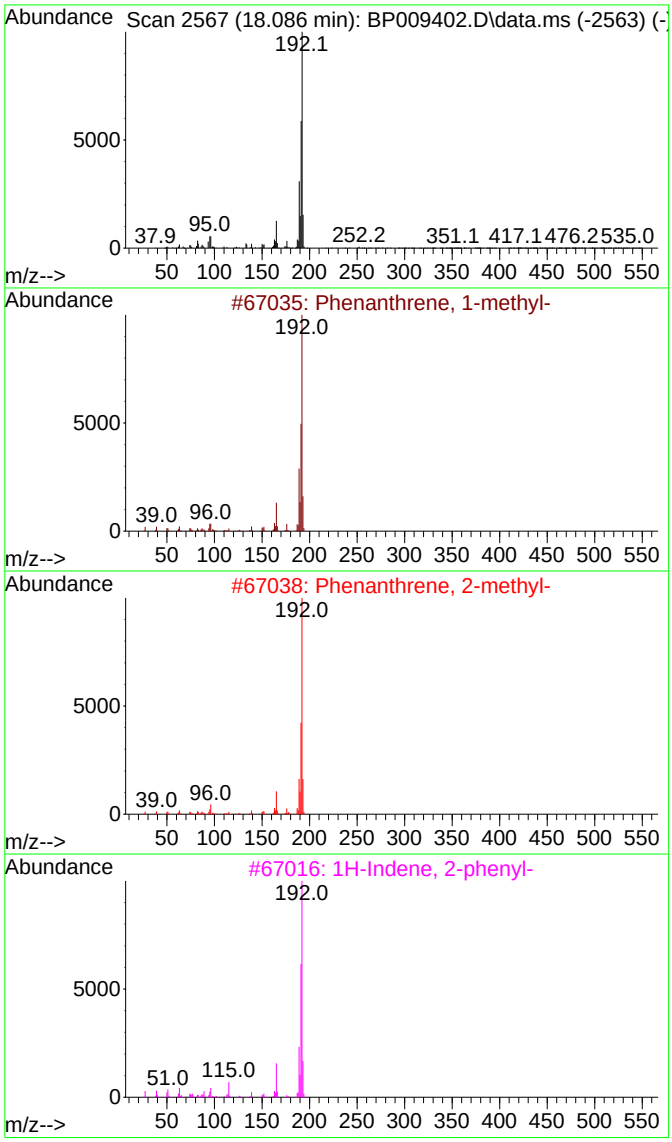
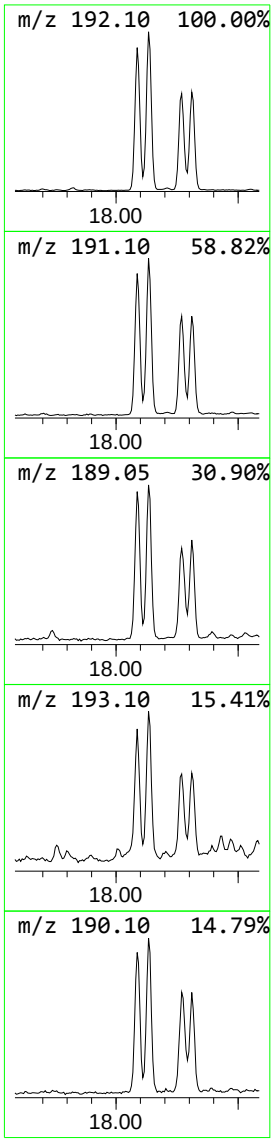
Peak Number 14 Phenanthrene, 1-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.086	4.24 ng	956636	Phenanthrene-d10	17.216

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
3	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	91
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	91





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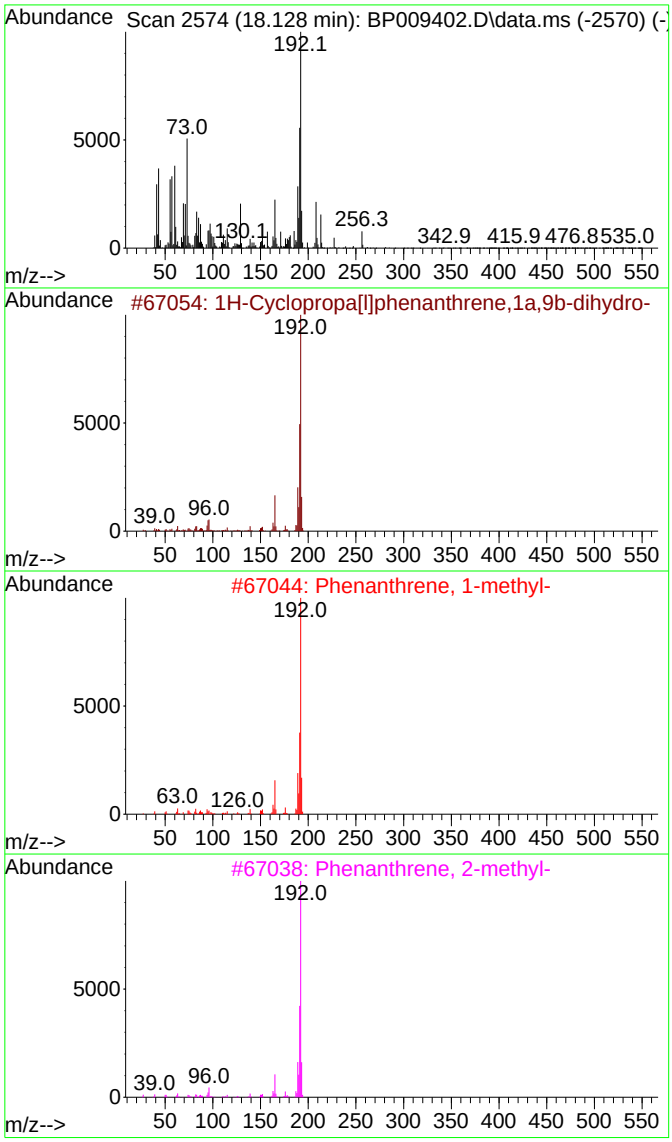
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

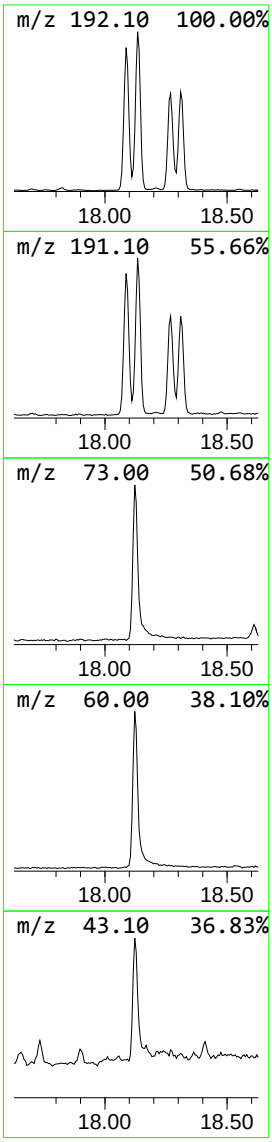
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 1H-Cyclopropa[l]phenanthren... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.128	14.21 ng	3202660	Phenanthrene-d10	17.216

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	92
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	90
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	90





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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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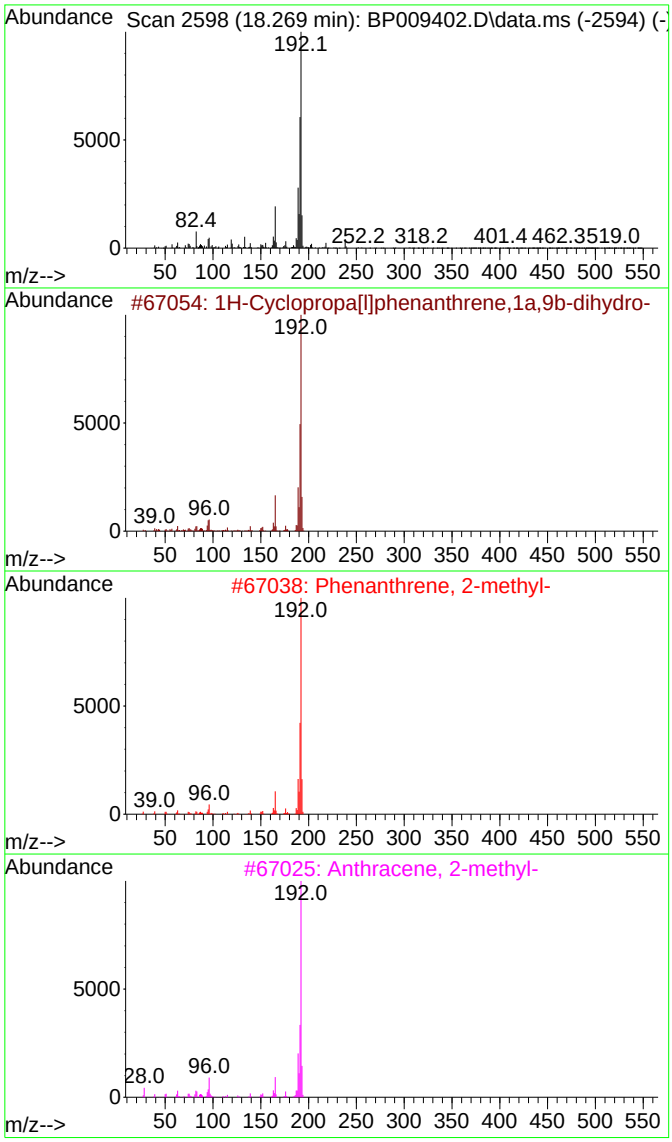
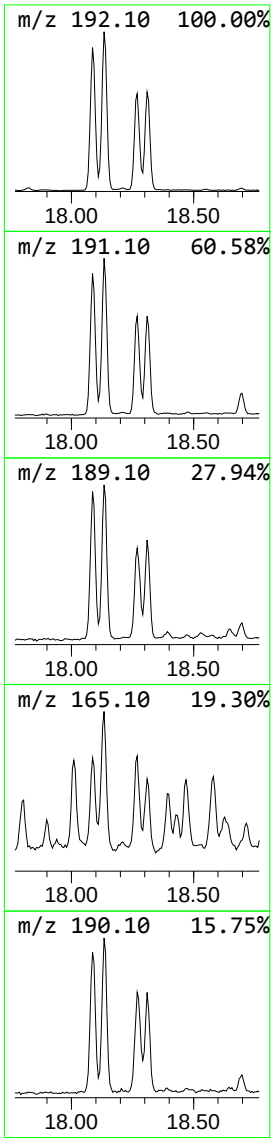
Peak Number 16 Phenanthrene, 2-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.269	4.25 ng	958081	Phenanthrene-d10	17.216

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	92
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	92
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	91





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ALS Vial : 6 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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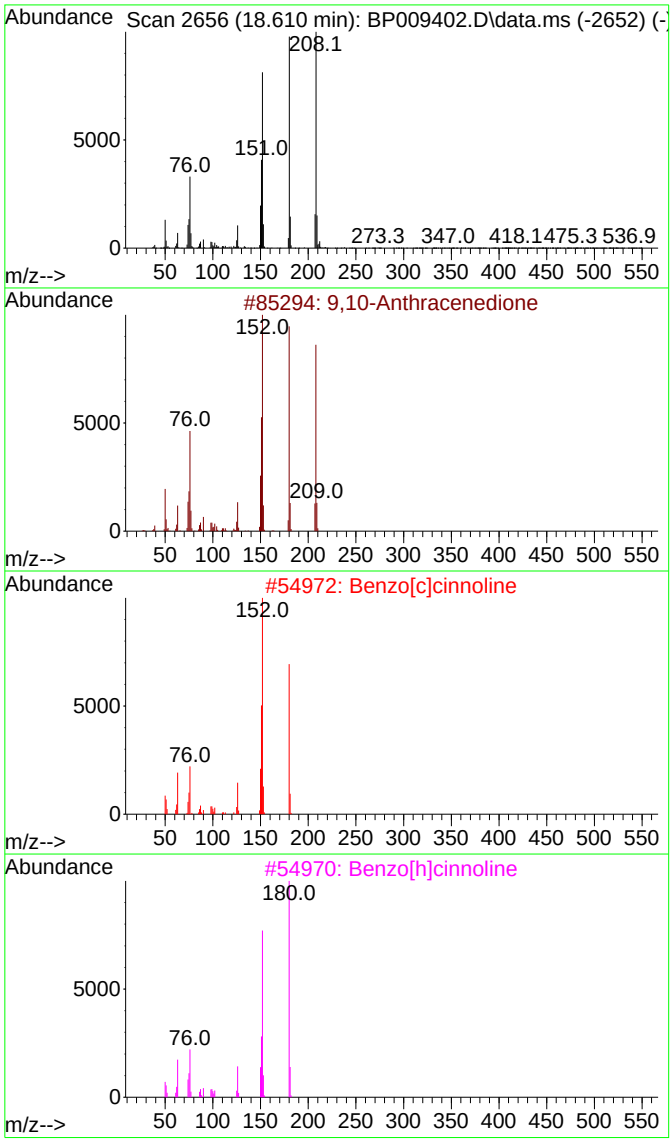
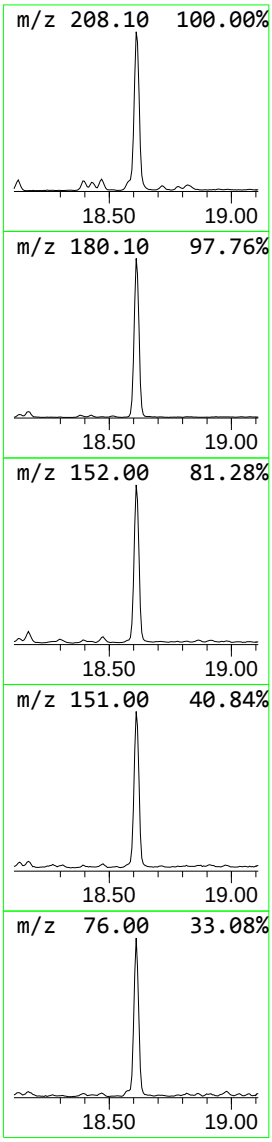
Peak Number 17 9,10-Anthracenedione Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.610	22.61 ng	5095370	Phenanthrene-d10	17.216

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	98
2	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	70
3	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	60
4	1H-Phenalen-1-one	180	C13H8O	000548-39-0	60
5	1,4-Anthracenedione	208	C14H8O2	000635-12-1	58





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031522\
Data File : BP009402.D
Acq On : 15 Mar 2022 17:23
Operator : CG/JU
Sample : N1922-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
7PH-1-7.5-8

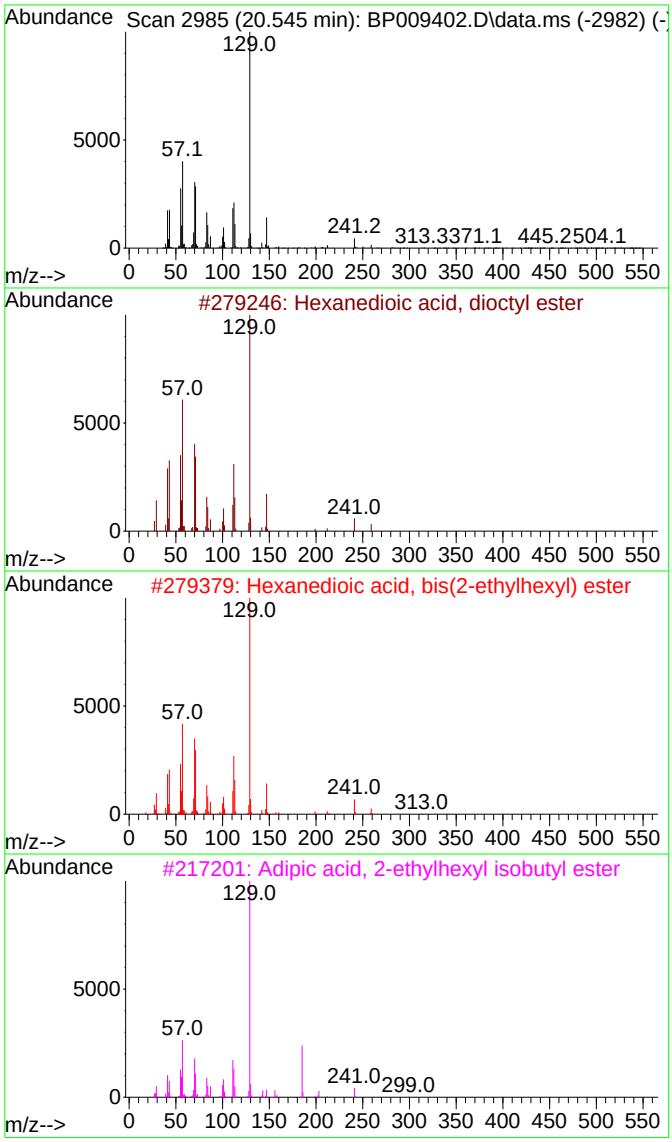
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP030522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

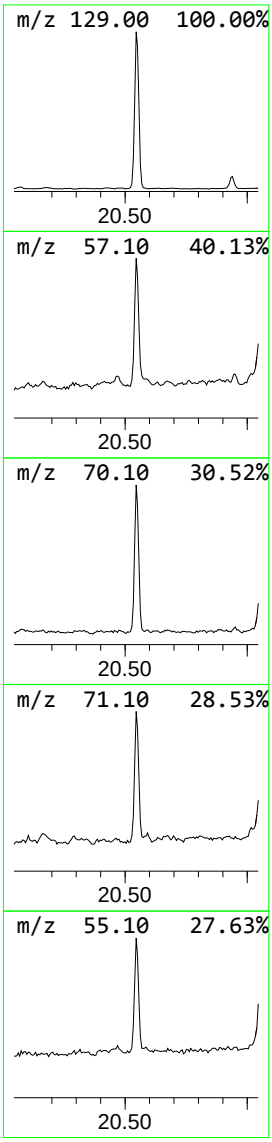
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 Hexanedioic acid, dioctyl e... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.545	7.33 ng	1692280	Chrysene-d12	21.322

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanedioic acid, dioctyl ester	370	C22H42O4	000123-79-5	91
2	Hexanedioic acid, bis(2-ethylhex...	370	C22H42O4	000103-23-1	91
3	Adipic acid, 2-ethylhexyl isobut...	314	C18H34O4	1010324-48-0	64
4	Hexanedioic acid, mono(2-ethylhe...	258	C14H26O4	004337-65-9	53
5	Diisooctyl adipate	370	C22H42O4	001330-86-5	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031522\
Data File : BP009402.D
Acq On : 15 Mar 2022 17:23
Operator : CG/JU
Sample : N1922-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
7PH-1-7.5-8

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP030522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

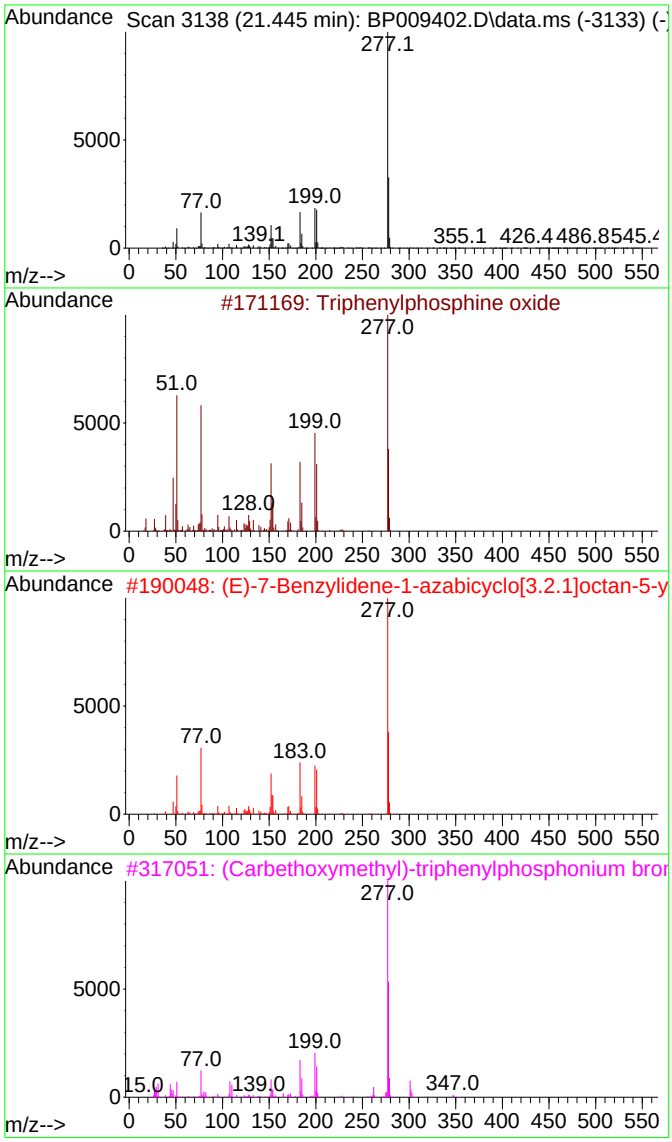
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

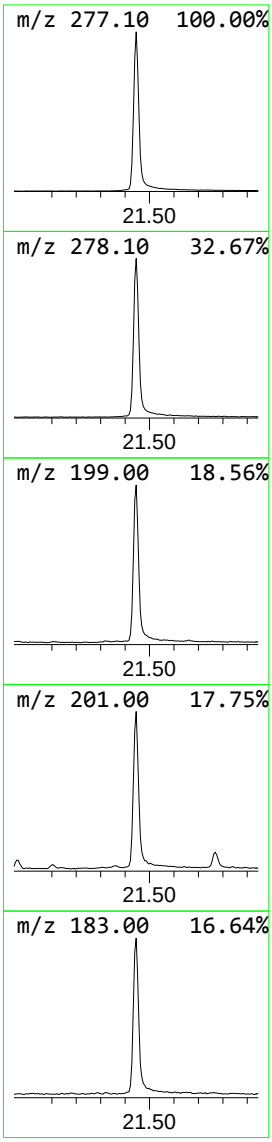
****

Peak Number 19 Triphenylphosphine oxide Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.445	24.89 ng	5745180	Chrysene-d12	21.322

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triphenylphosphine oxide	278	C18H15OP	000791-28-6	94
2	(E)-7-Benzylidene-1-azabicyclo[3...	293	C15H19NO3S	1000483-83-4	91
3	(Carbethoxymethyl)-triphenylphos...	428	C22H22BrO2P	001530-45-6	53
4	Formaldehyde, (triphenylphosphor...	304	C19H17N2P	015990-54-2	47
5	Vanadium, cycloheptatrienyl-(pen...	277	C17H22V	1000155-20-5	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031522\
Data File : BP009402.D
Acq On : 15 Mar 2022 17:23
Operator : CG/JU
Sample : N1922-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
7PH-1-7.5-8

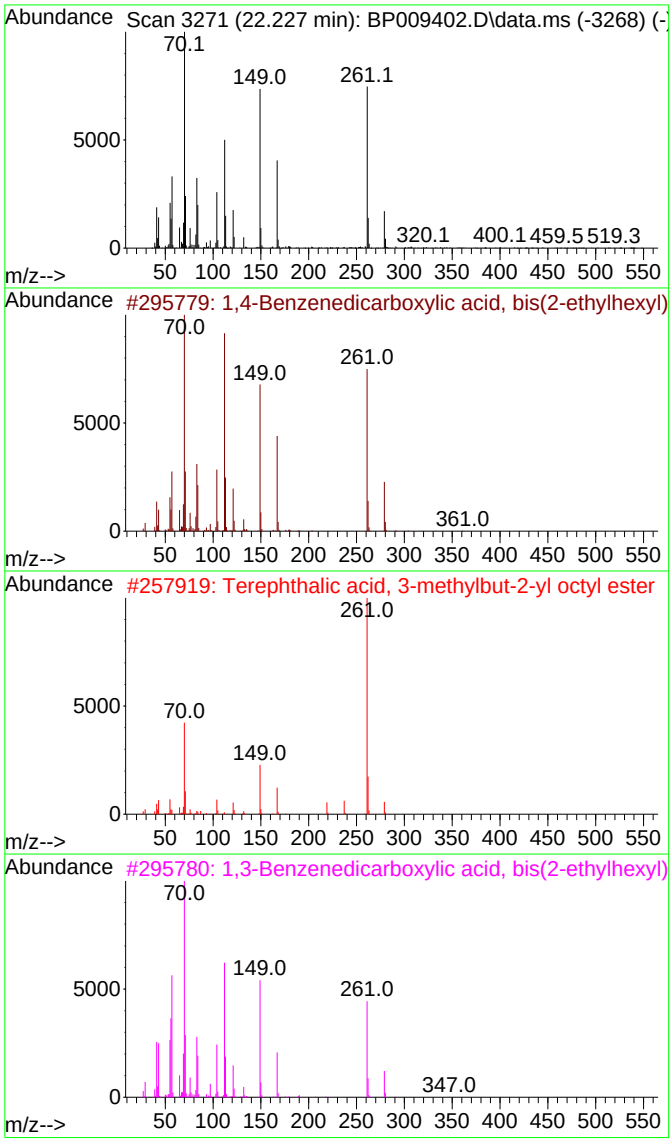
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP030522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

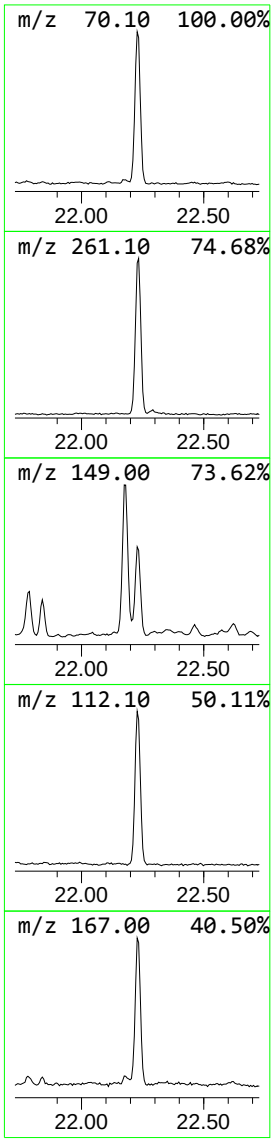
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 1,4-Benzenedicarboxylic aci... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.227	8.22 ng	1898060	Chrysene-d12	21.322

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4-Benzenedicarboxylic acid, bi...	390	C24H38O4	006422-86-2	80
2	Terephthalic acid, 3-methylbut-2...	348	C21H32O4	1000356-27-6	72
3	1,3-Benzenedicarboxylic acid, bi...	390	C24H38O4	000137-89-3	72
4	Terephthalic acid, di(4-octyl) e...	390	C24H38O4	1000323-74-2	46
5	Isophthalic acid, octyl 3-pentyl...	348	C21H32O4	1000344-00-4	38





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031522\
Data File : BP009402.D
Acq On : 15 Mar 2022 17:23
Operator : CG/JU
Sample : N1922-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
7PH-1-7.5-8

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP030522.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
Butane, 2-metho...	3.058	7.5	ng	681593	1	7.810	1804560	20.0
Naphthalene, 2,...	13.775	8.6	ng	1719920	3	14.451	4008270	20.0
Naphthalene, 2,...	13.828	4.3	ng	853185	3	14.451	4008270	20.0
Naphthalene, 1,...	14.010	5.6	ng	1118910	3	14.451	4008270	20.0
Decahydro-1,1,4...	14.287	5.4	ng	1078420	3	14.451	4008270	20.0
Naphthalene, 1,...	14.934	5.0	ng	1008840	3	14.451	4008270	20.0
Naphthalene, 2,...	15.075	4.7	ng	945059	3	14.451	4008270	20.0
Naphthalene, 1,...	15.245	6.5	ng	1293410	3	14.451	4008270	20.0
Dibenzofuran, 4...	15.804	4.8	ng	963574	3	14.451	4008270	20.0
2,4,2',4'-Tetra...	16.169	5.8	ng	1307500	4	17.216	4508050	20.0
o-Xylene	16.775	7.6	ng	1715150	4	17.216	4508050	20.0
unknown16.892	16.892	6.2	ng	1389610	4	17.216	4508050	20.0
Naphthalene, 1-...	17.739	5.3	ng	1197060	4	17.216	4508050	20.0
Phenanthrene, 1...	18.086	4.2	ng	956636	4	17.216	4508050	20.0
1H-Cyclopropa[l...	18.128	14.2	ng	3202660	4	17.216	4508050	20.0
Phenanthrene, 2...	18.269	4.3	ng	958081	4	17.216	4508050	20.0
9,10-Anthracene...	18.610	22.6	ng	5095370	4	17.216	4508050	20.0
Hexanedioic aci...	20.545	7.3	ng	1692280	5	21.322	4617320	20.0
Triphenylphosph...	21.445	24.9	ng	5745180	5	21.322	4617320	20.0
1,4-Benzenedica...	22.227	8.2	ng	1898060	5	21.322	4617320	20.0