LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041625\
Data File : BP024318.D
Acq On : 16 Apr 2025 19:18
Operator : RC/JU
Sample : Q1762-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW5

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-BP041425.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP024318.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.523	63	74	83	rBV2	239452	612442	4.30%	0.310%
2	4.164	176	183	188	rBV3	116278	253970	1.78%	0.128%
3	4.299	195	206	213	rBV4	139163	363636	2.55%	0.184%
4	4.446	215	231	234	rBV2	229667	642534	4.51%	0.325%
5	4.893	303	307	311	rBV	352433	518893	3.64%	0.263%
6	5.352	377	385	391	rBV	2182954	3264099	22.91%	1.651%
7	6.034	494	501	513	rBV5	135593	350920	2.46%	0.178%
8	6.246	530	537	544	rBV2	307377	669764	4.70%	0.339%
9	6.393	552	562	565	rBV5	114612	253237	1.78%	0.128%
10	6.728	612	619	625	rBV2	266397	493481	3.46%	0.250%
11	6.911	641	650	661	rVB	1292208	2369975	16.63%	1.199%
12	7.128	681	687	694	rBV	288872	473399	3.32%	0.240%
13	7.728	781	789	794	rVV	1171291	1918240	13.46%	0.971%
14	8.099	845	852	860	rBV	1900502	2930476	20.57%	1.483%
15	8.216	866	872	877	rBV	892952	1360486	9.55%	0.688%
16	8.363	892	897	902	rBV2	410193	719257	5.05%	0.364%
17	8.416	902	906	911	rVB	246471	380883	2.67%	0.193%
18	8.822	965	975	980	rBV	3029148	4927070	34.58%	2.493%
19	8.875	980	984	998	rVB3	2996680	7294415	51.19%	3.691%
20	9.063	1007	1016	1024	rBV9	289026	911671	6.40%	0.461%
21	9.169	1025	1034	1037	rBV	193169	416145	2.92%	0.211%
22	9.293	1049	1055	1058	rBV3	150871	280485	1.97%	0.142%
23	9.340	1058	1063	1069	rVV	1650810	2523908	17.71%	1.277%
24	9.434	1073	1079	1085	rBV6	154802	302711	2.12%	0.153%
25	9.593	1099	1106	1111	rBV3	354080	611490	4.29%	0.309%
26	9.699	1117	1124	1129	rBV3	505183	1134210	7.96%	0.574%
27	9.758	1129	1134	1144	rVB	1249825	2421256	16.99%	1.225%
28	9.905	1153	1159	1167	rBV3	3264925	5537679	38.86%	2.802%
29	9.975	1167	1171	1180	rVV	217266	367221	2.58%	0.186%
30	10.093	1184	1191	1195	rVV2	293545	561021	3.94%	0.284%
31	10.205	1205	1210	1220	rVV	504018	860449	6.04%	0.435%
32	10.422	1243	1247	1250	rVV3	335941	559758	3.93%	0.283%
33	10.499	1250	1260	1265	rVV2	1791279	4860050	34.11%	2.459%
34	10.552	1265	1269	1275	rVV3	793139	1487584	10.44%	0.753%
35	10.616	1275	1280	1285	rVV	738469	1252668	8.79%	0.634%
36	10.669	1285	1289	1293	rVV	246235	359223	2.52%	0.182%

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041625\
Data File : BP024318.D
Acq On : 16 Apr 2025 19:18
Operator : RC/JU
Sample : Q1762-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW5

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-BP041425.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	10.722	1293	1298	1303	rVB	388594	586112	4.11%	0.297%
38	10.799	1307	1311	1316	rVB3	155397	313907	2.20%	0.159%
39	10.869	1318	1323	1327	rBV2	243754	419461	2.94%	0.212%
40	10.963	1335	1339	1349	rVB2	440072	931207	6.54%	0.471%
41	11.087	1355	1360	1363	rBV	273143	380795	2.67%	0.193%
42	11.163	1369	1373	1377	rVV	509545	668492	4.69%	0.338%
43	11.422	1411	1417	1431	rVB2	1033875	2602419	18.26%	1.317%
44	11.534	1431	1436	1440	rBV	582357	1011425	7.10%	0.512%
45	11.604	1444	1448	1455	rVB	755085	1419695	9.96%	0.718%
46	11.699	1455	1464	1472	rBV2	940337	1917506	13.46%	0.970%
47	11.793	1477	1480	1483	rVV2	208359	306761	2.15%	0.155%
48	11.828	1483	1486	1491	rVB	433827	588086	4.13%	0.298%
49	11.887	1491	1496	1505	rBV2	549061	1200827	8.43%	0.608%
50	12.057	1520	1525	1530	rVB2	756390	1307944	9.18%	0.662%
51	12.163	1533	1543	1551	rVB	5565655	9794752	68.74%	4.956%
52	12.387	1575	1581	1586	rBV	5179862	8502363	59.67%	4.302%
53	12.463	1592	1594	1598	rVB2	220501	255460	1.79%	0.129%
54	12.563	1606	1611	1614	rBV7	179851	350540	2.46%	0.177%
55	12.893	1663	1667	1672	rVB2	847212	1277404	8.97%	0.646%
56	12.975	1672	1681	1686	rBV	6975773	10863798	76.25%	5.496%
57	13.134	1705	1708	1717	rBV3	420355	910967	6.39%	0.461%
58	13.298	1730	1736	1741	rBV3	510574	1144905	8.04%	0.579%
59	13.381	1747	1750	1753	rBV	871065	1184018	8.31%	0.599%
60	13.516	1767	1773	1774	rBV	2492722	3451873	24.23%	1.746%
61	13.675	1794	1800	1805	rVV	4391824	7787588	54.66%	3.940%
62	13.728	1805	1809	1814	rVV	2988234	4331218	30.40%	2.191%
63	13.781	1814	1818	1822	rVV	783587	1149023	8.06%	0.581%
64	13.851	1825	1830	1834	rVV2	1090229	1748034	12.27%	0.884%
65	13.916	1836	1841	1844	rVV	1676523	2757814	19.36%	1.395%
66	13.946	1844	1846	1852	rVB	774324	1018838	7.15%	0.515%
67	14.081	1864	1869	1879	rVB	1087114	1616717	11.35%	0.818%
68	14.193	1884	1888	1895	rVB3	741972	1296087	9.10%	0.656%
69	14.357	1909	1916	1922	rVB	2126207	3487453	24.48%	1.764%
70	14.416	1923	1926	1929	rVV2	395018	498606	3.50%	0.252%
71	14.451	1929	1932	1937	rVB2	507759	615046	4.32%	0.311%
72	14.493	1937	1939	1943	rVB	251541	276554	1.94%	0.140%
73	14.569	1947	1952	1962	rVB	683397	2009568	14.10%	1.017%
74	14.657	1964	1967	1972	rBV2	243640	439293	3.08%	0.222%
75	14.769	1980	1986	1991	rVB3	1335778	2159366	15.16%	1.093%
76	14.840	1994	1998	2004	rVB2	1030230	1635412	11.48%	0.827%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041625\
Data File : BP024318.D
Acq On : 16 Apr 2025 19:18
Operator : RC/JU
Sample : Q1762-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW5

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-BP041425.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	14.898	2004	2008	2016	rVB4	514588	892659	6.26%	0.452%
78	14.987	2018	2023	2028	rBV	1014979	1857528	13.04%	0.940%
79	15.040	2028	2032	2037	rVB	814374	1295870	9.09%	0.656%
80	15.157	2046	2052	2055	rBV2	777170	1382551	9.70%	0.699%
81	15.416	2092	2096	2101	rBV2	924479	1264656	8.88%	0.640%
82	15.551	2114	2119	2123	rBV	1056216	1572903	11.04%	0.796%
83	15.587	2123	2125	2129	rVB3	370455	488702	3.43%	0.247%
84	15.645	2130	2135	2144	rBV3	1034854	2014265	14.14%	1.019%
85	15.875	2168	2174	2181	rBV	5045635	7917066	55.56%	4.006%
86	16.134	2210	2218	2223	rBV2	1843214	3663844	25.71%	1.854%
87	16.498	2276	2280	2291	rBV3	750436	1646223	11.55%	0.833%
88	16.975	2357	2361	2371	rVB2	1445092	2224051	15.61%	1.125%
89	17.157	2387	2392	2396	rBV2	2115984	3335602	23.41%	1.688%
90	17.198	2396	2399	2402	rVB	630195	777920	5.46%	0.394%
91	17.857	2507	2511	2516	rVB2	373965	494906	3.47%	0.250%
92	18.098	2548	2552	2559	rVB2	1383053	2081877	14.61%	1.053%
93	19.428	2775	2778	2785	rBV2	415923	570425	4.00%	0.289%
94	19.581	2801	2804	2808	rVB2	312042	379775	2.67%	0.192%
95	19.886	2850	2856	2861	rBV	10769716	14248537	100.00%	7.209%
96	20.628	2978	2982	2987	rBV3	237396	381819	2.68%	0.193%
97	20.680	2988	2991	2994	rVV	426208	445620	3.13%	0.225%
98	21.286	3090	3094	3104	rVB5	378910	1035643	7.27%	0.524%
99	21.604	3142	3148	3159	rVB2	2576461	5017713	35.22%	2.539%
100	24.963	3711	3719	3733	rVB	1723108	4199763	29.48%	2.125%

Sum of corrected areas: 197651958

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041625\
Data File : BP024318.D
Acq On : 16 Apr 2025 19:18
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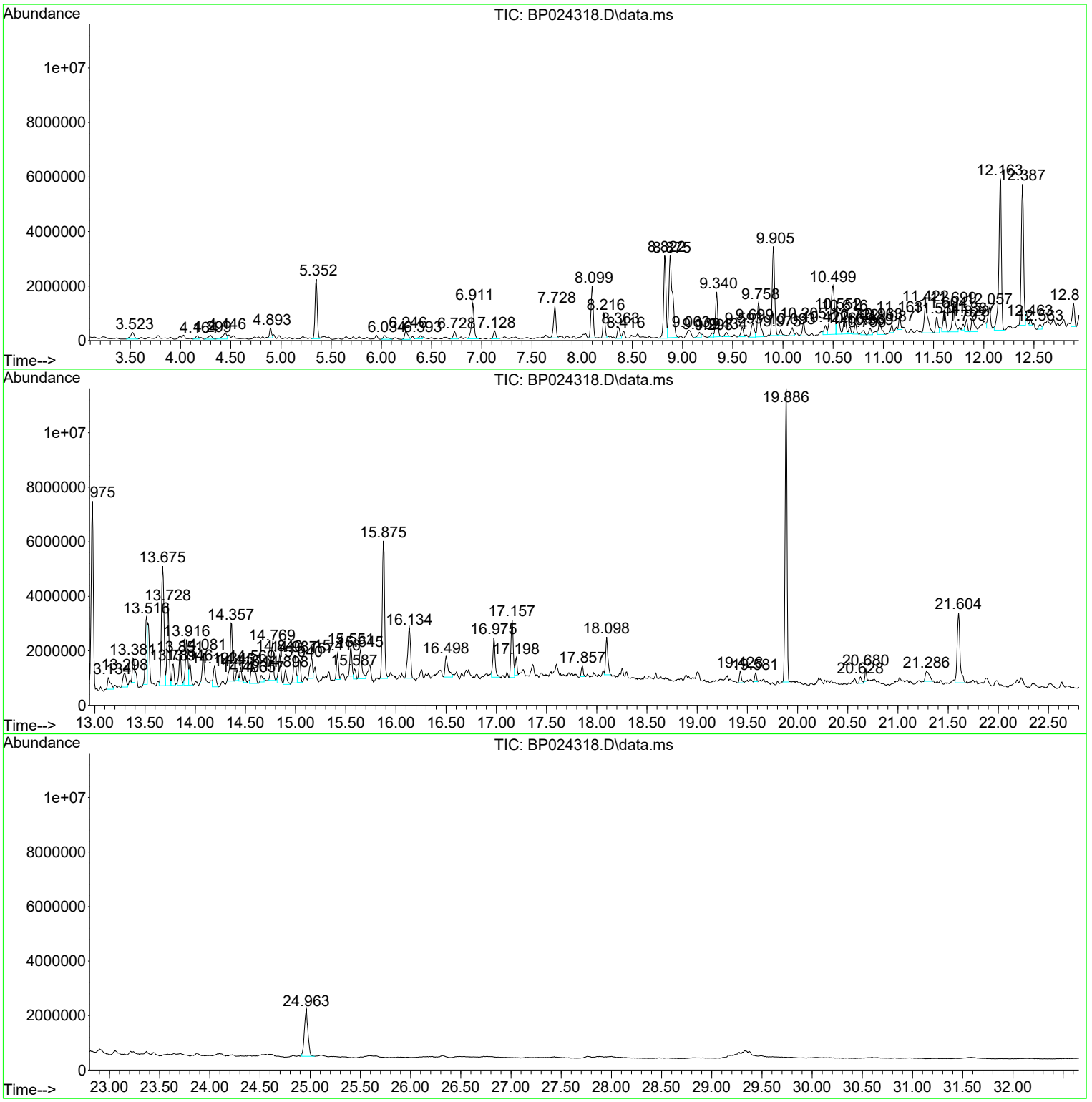
Sample : Q1762-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.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\BP041625\
Data File : BP024318.D
Acq On : 16 Apr 2025 19:18
Operator : RC/JU
Sample : Q1762-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

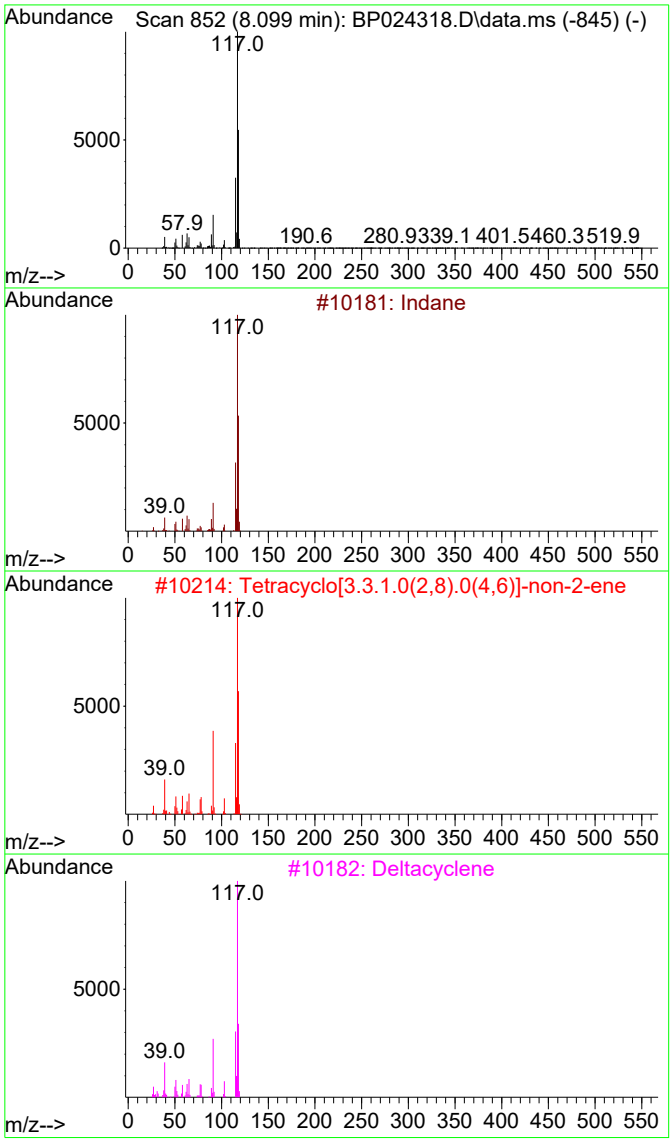
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

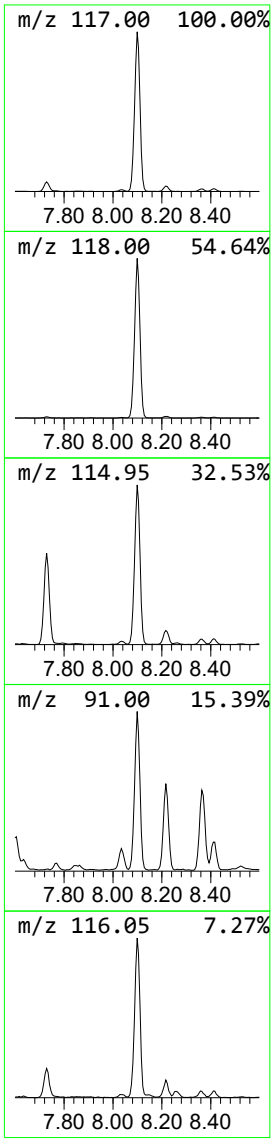
****

Peak Number 1 Indane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.099	30.55 ng	2930480	1,4-Dichlorobenzene-d4	7.728

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	93
2	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	64
3	Deltacyclene	118	C9H10	007785-10-6	59
4	Benzene, 1,1'-(1,5-hexadiene-1,6...	234	C18H18	004439-45-6	59
5	Benzeneethanol, .beta.-ethenyl-	148	C10H12O	006052-63-7	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041625\
Data File : BP024318.D
Acq On : 16 Apr 2025 19:18
Operator : RC/JU
Sample : Q1762-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

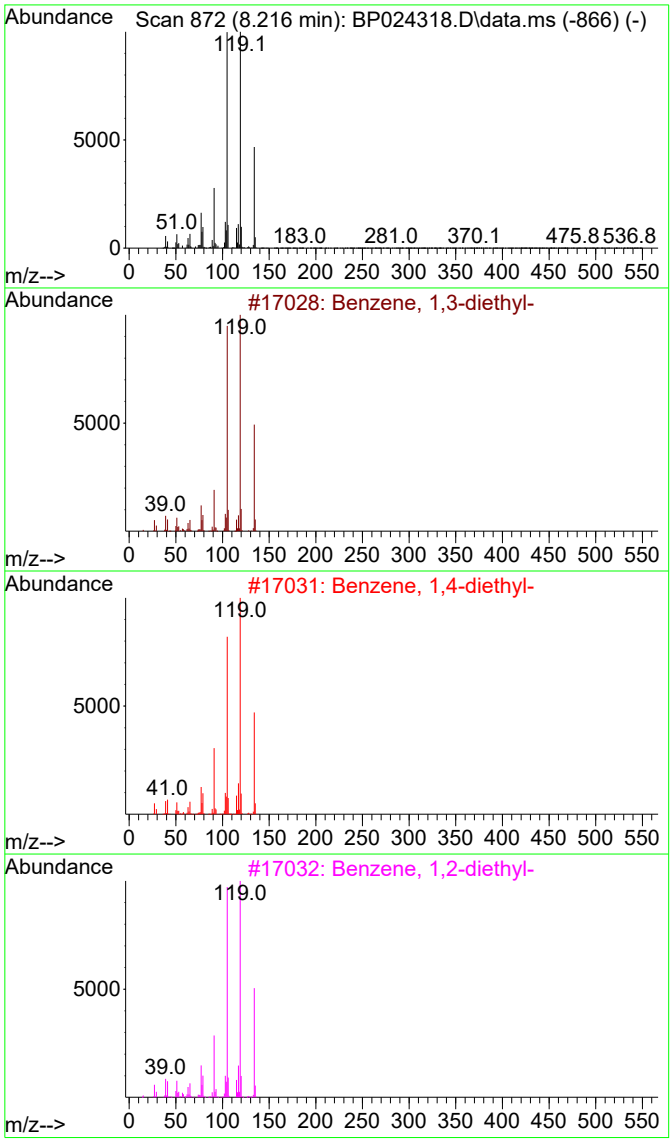
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

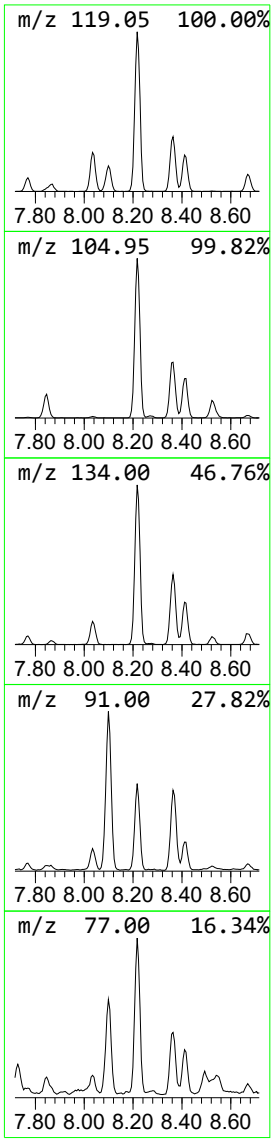
****

Peak Number 2 Benzene, 1,3-diethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.216	14.18 ng	1360490	1,4-Dichlorobenzene-d4	7.728

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	96
2	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	95
3	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	95
4	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91
5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041625\
Data File : BP024318.D
Acq On : 16 Apr 2025 19:18
Operator : RC/JU
Sample : Q1762-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.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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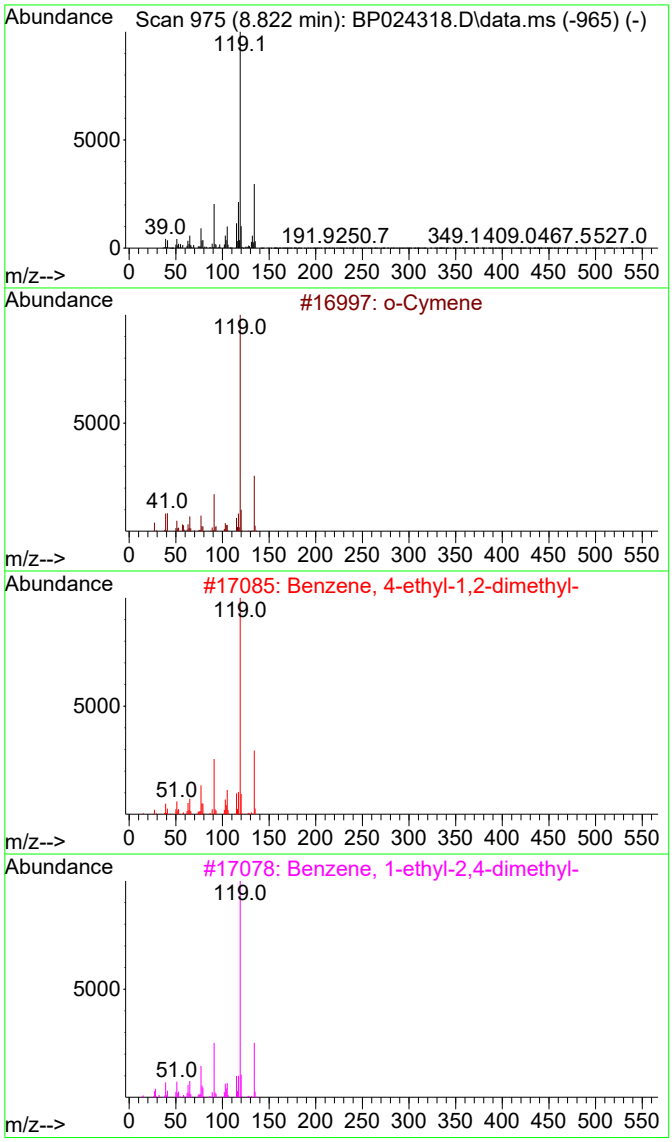
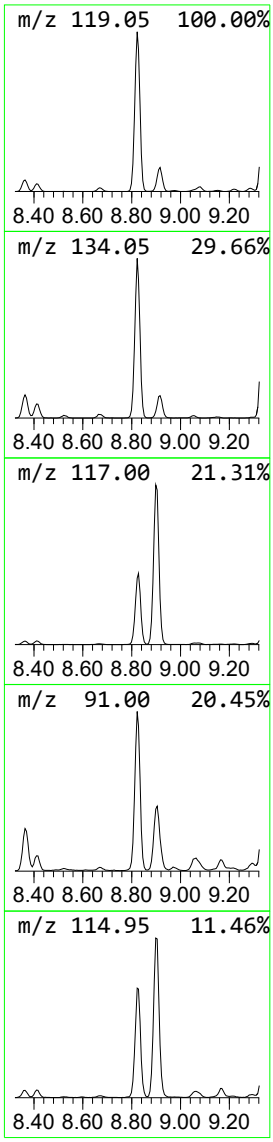
Peak Number 3 o-Cymene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.822	51.37 ng	4927070	1,4-Dichlorobenzene-d4	7.728

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	94
2	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	94
3	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	93
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91
5	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041625\
Data File : BP024318.D
Acq On : 16 Apr 2025 19:18
Operator : RC/JU
Sample : Q1762-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

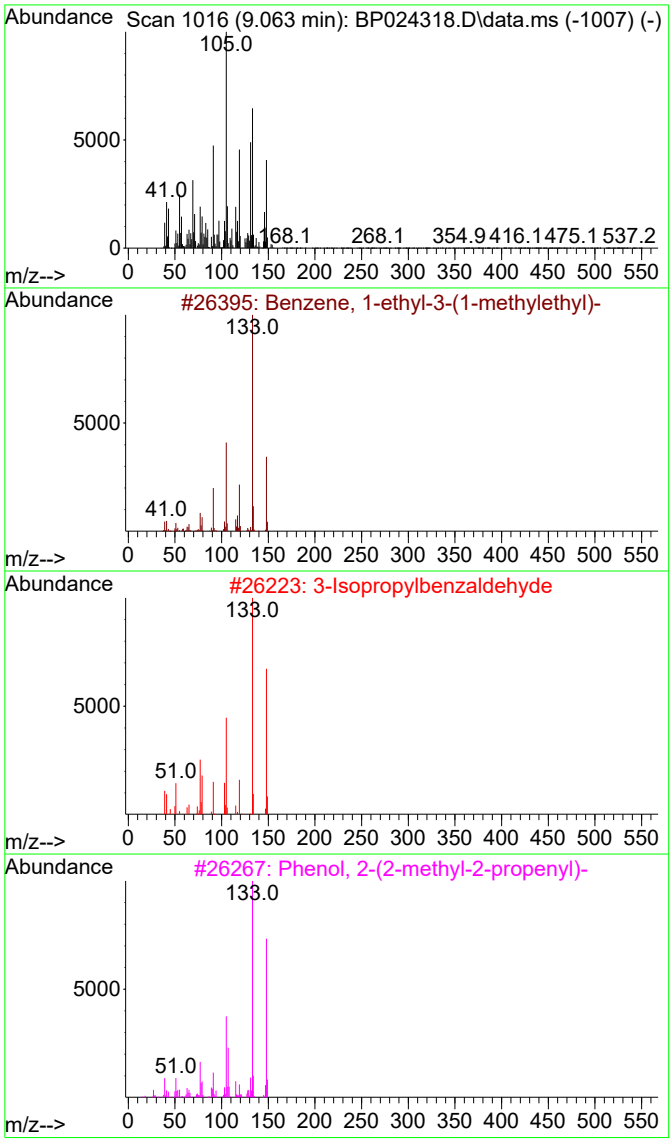
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

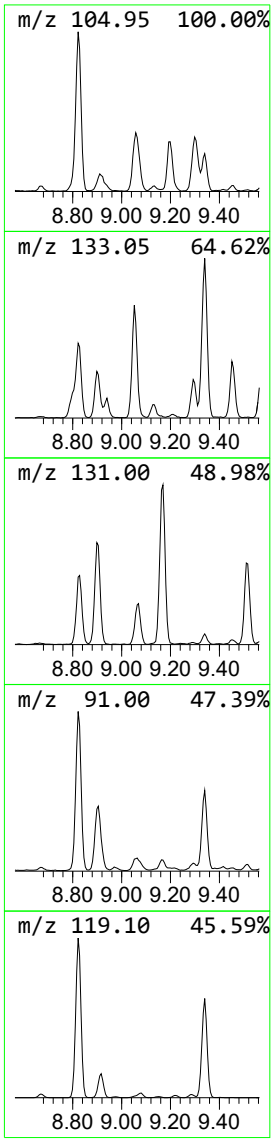
****

Peak Number 4 unknown9.063 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.063	9.51 ng	911671	1,4-Dichlorobenzene-d4	7.728

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3-(1-methylethyl)-	148	C11H16	004920-99-4	49
2	3-Isopropylbenzaldehyde	148	C10H12O	034246-57-6	46
3	Phenol, 2-(2-methyl-2-propenyl)-	148	C10H12O	020944-88-1	45
4	Benzene, 1-methoxy-2-(1-methylet...	148	C10H12O	010278-02-1	41
5	Benzaldehyde, 4-(1-methylethyl)-	148	C10H12O	000122-03-2	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041625\
Data File : BP024318.D
Acq On : 16 Apr 2025 19:18
Operator : RC/JU
Sample : Q1762-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW5

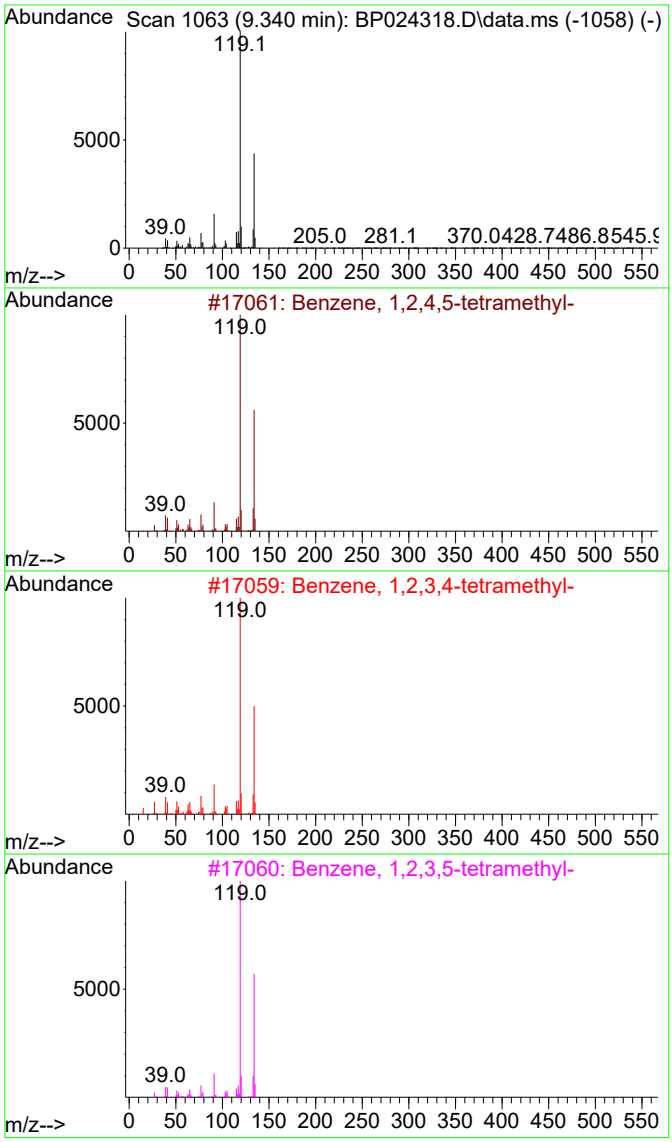
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

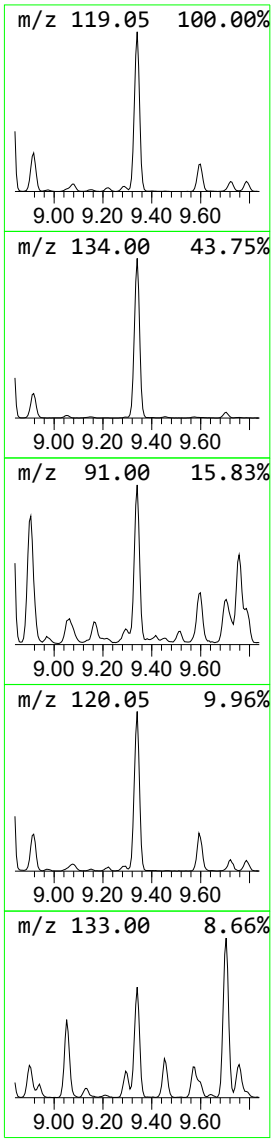
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.340	10.39 ng	2523910	Naphthalene-d8	10.505

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
2	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95
3	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95
4	o-Cymene	134	C10H14	000527-84-4	94
5	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	94





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Acq On : 16 Apr 2025 19:18
Operator : RC/JU
Sample : Q1762-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW5

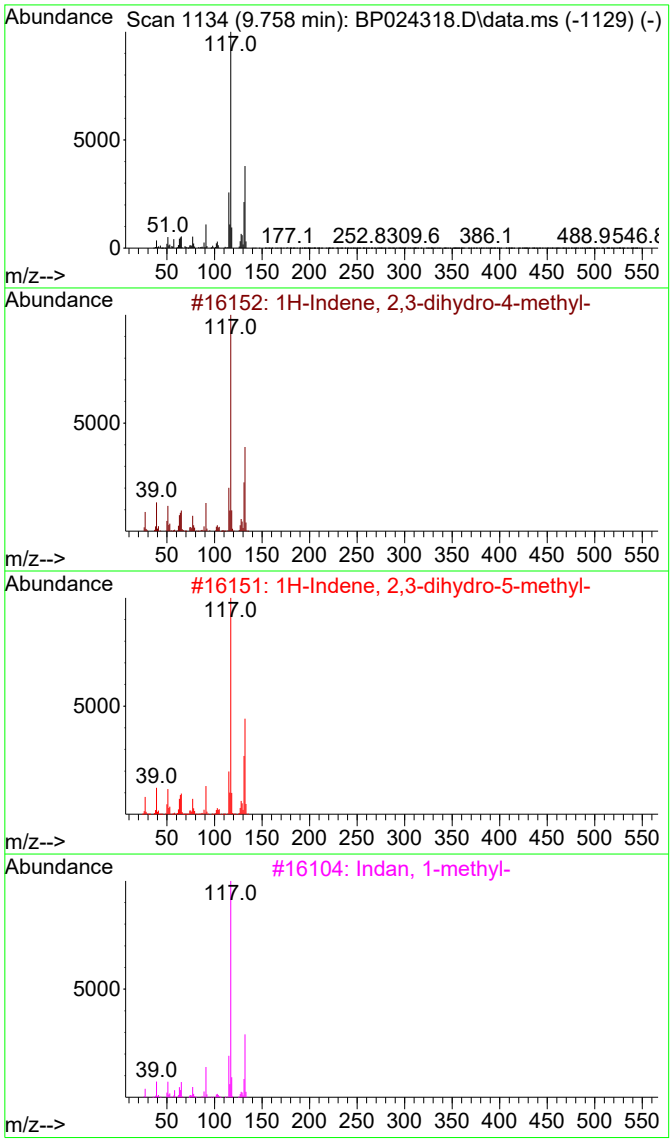
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

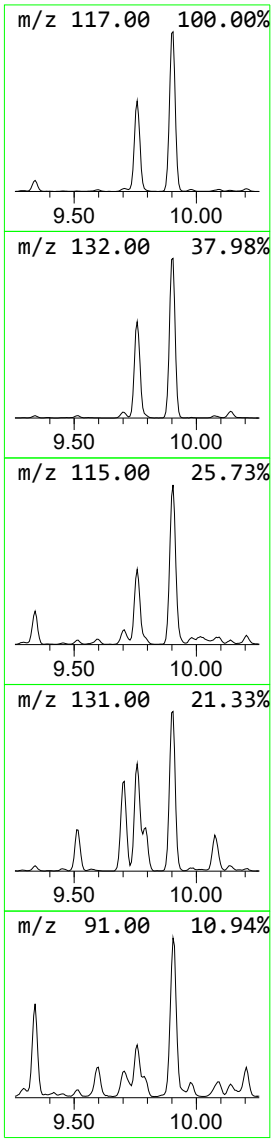
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 1H-Indene, 2,3-dihydro-4-me... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.758	9.96 ng	2421260	Naphthalene-d8	10.505

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	90
2	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	86
3	Indan, 1-methyl-	132	C10H12	000767-58-8	81
4	1-Phenyl-1-butene	132	C10H12	000824-90-8	80
5	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	76





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Operator : RC/JU
Sample : Q1762-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW5

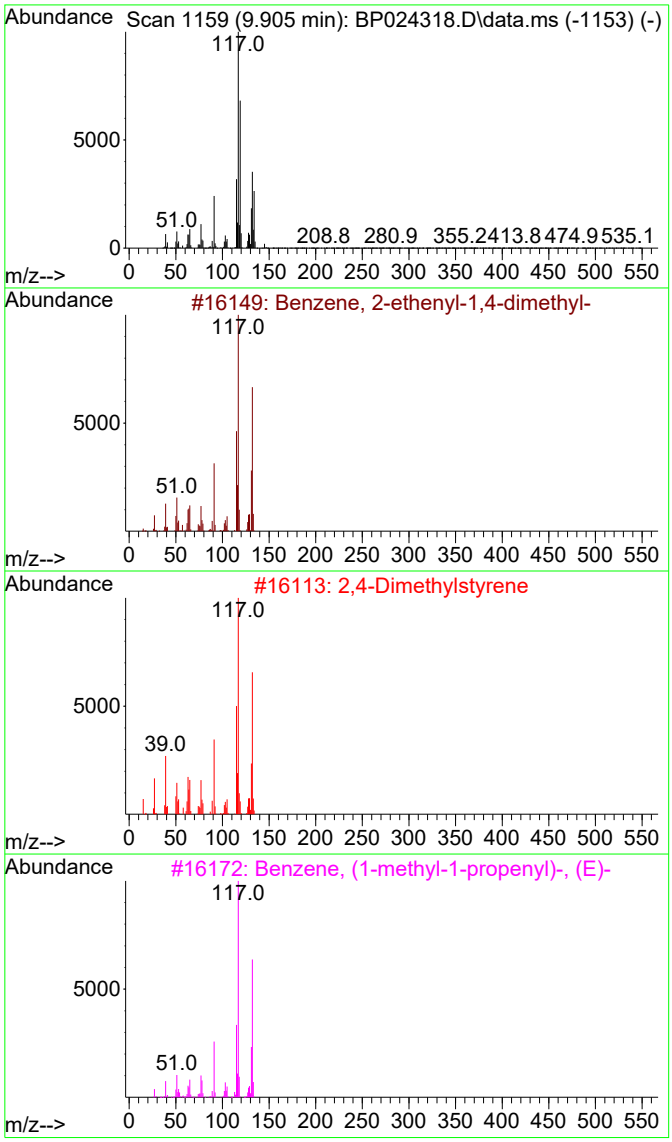
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

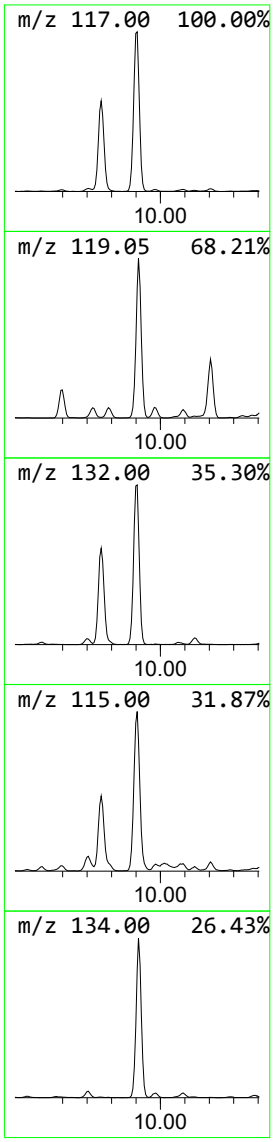
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.905	22.79 ng	5537680	Naphthalene-d8	10.505

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	95
2	2,4-Dimethylstyrene	132	C10H12	002234-20-0	87
3	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	86
4	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	70
5	Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	70





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Sample : Q1762-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

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

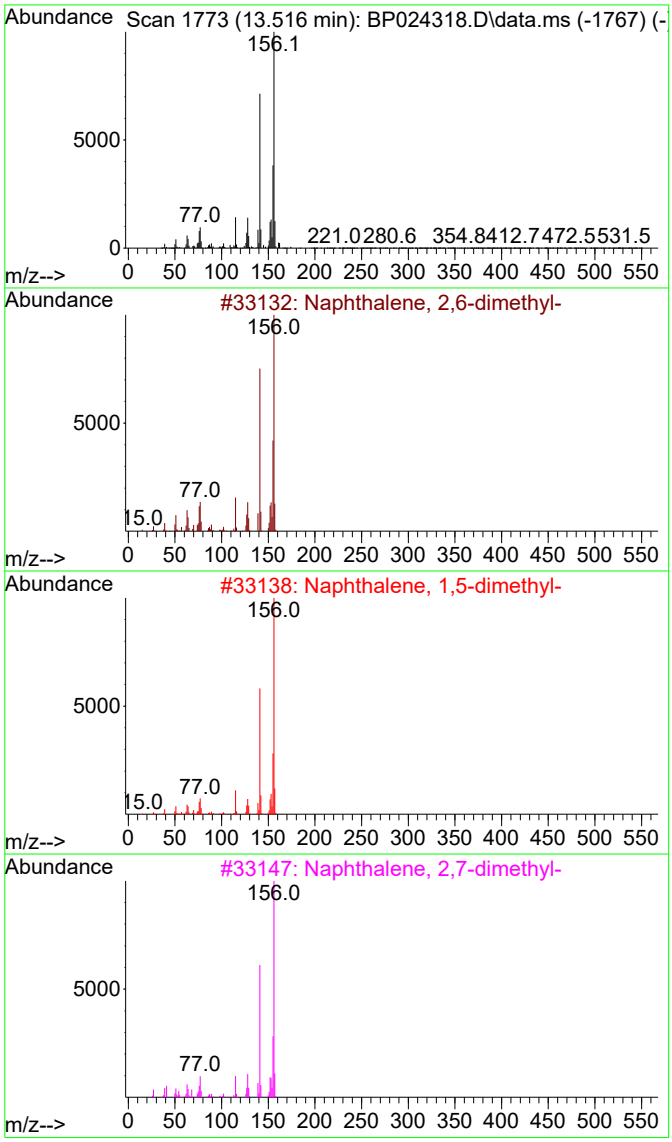
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

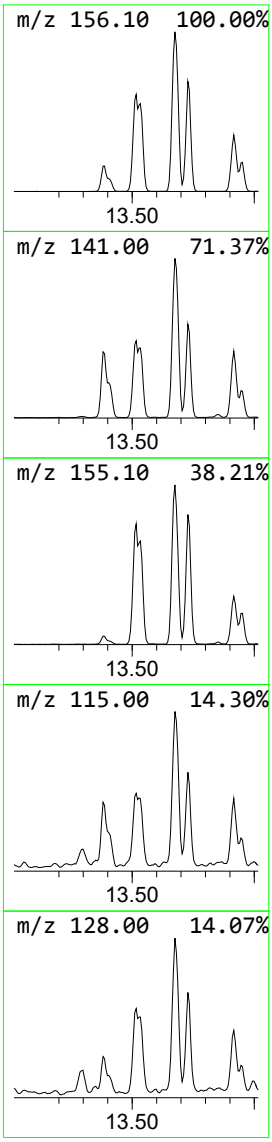
****

Peak Number 8 Naphthalene, 2,6-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.516	19.80 ng	3451870	Acenaphthene-d10	14.357

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, 2,7-dimethyl-	156	C12H12	000582-16-1	97
4	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
5	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	96





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Sample : Q1762-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

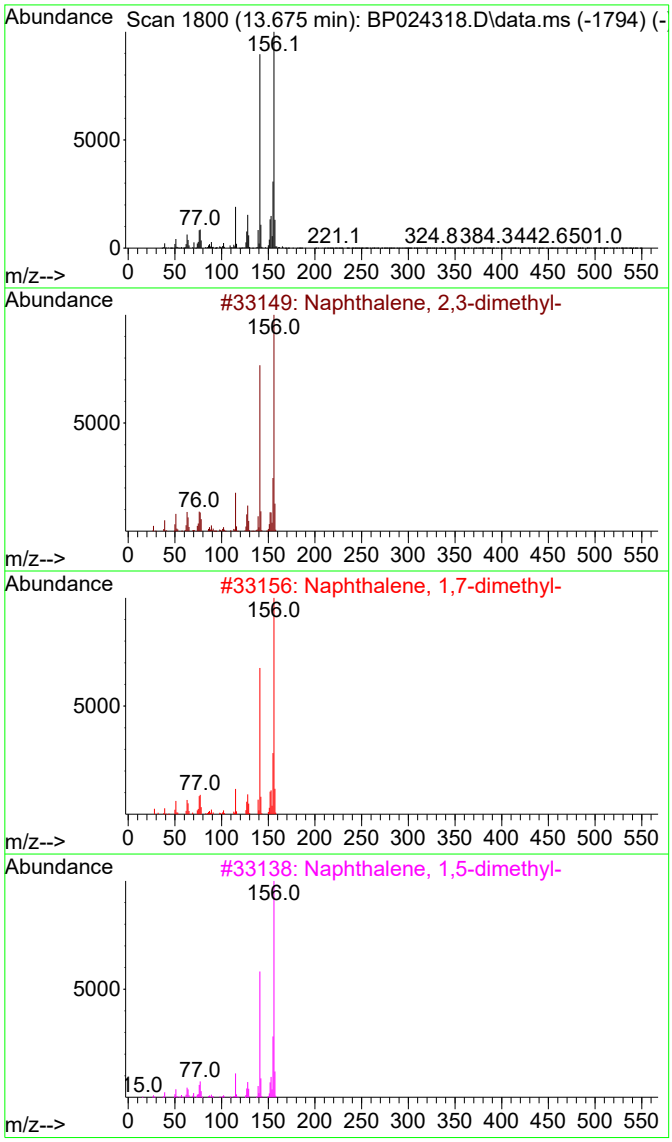
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

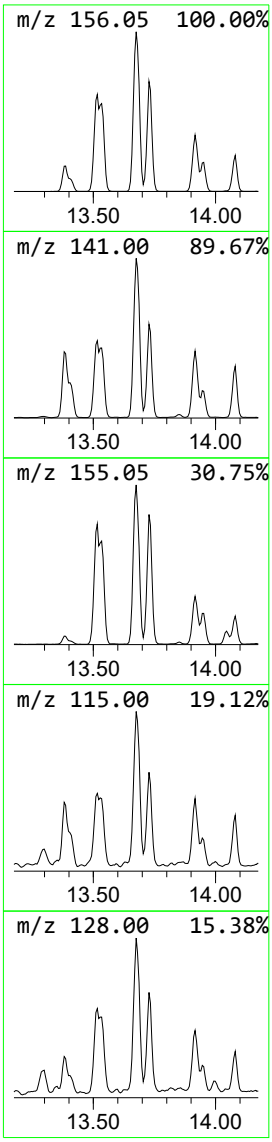
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.675	44.66 ng	7787590	Acenaphthene-d10	14.357

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





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Sample : Q1762-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.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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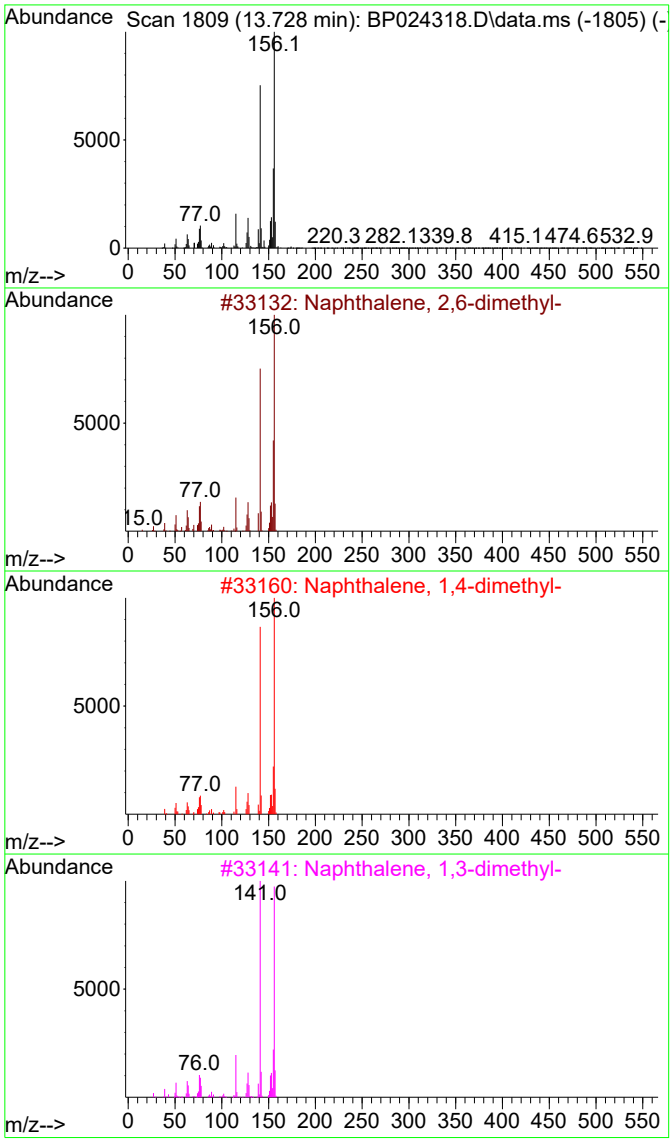
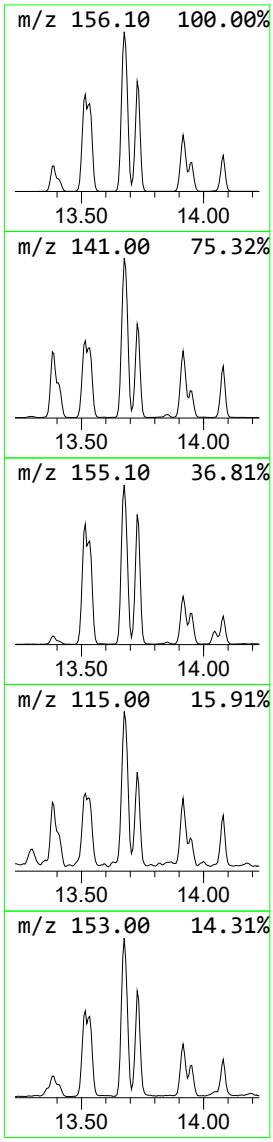
Peak Number 10 Naphthalene, 1,4-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.728	24.84 ng	4331220	Acenaphthene-d10	14.357

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	98
2	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
3	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
4	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	96
5	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96





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Acq On : 16 Apr 2025 19:18
Operator : RC/JU
Sample : Q1762-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

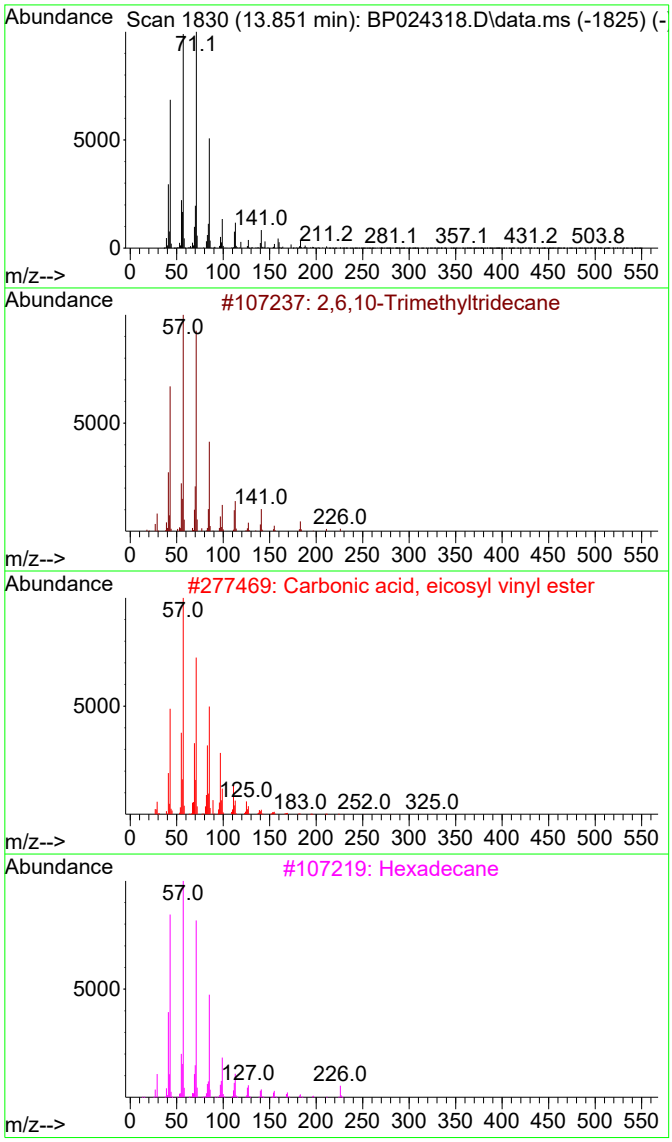
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

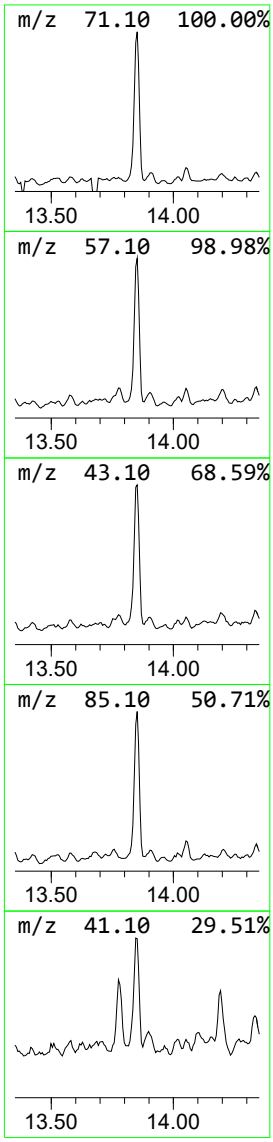
****

Peak Number 11 2,6,10-Trimethyltridecane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.851	10.02 ng	1748030	Acenaphthene-d10	14.357

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,6,10-Trimethyltridecane	226	C16H34	003891-99-4	87
2	Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	86
3	Hexadecane	226	C16H34	000544-76-3	80
4	Hexadecane, 7-methyl-	240	C17H36	026730-20-1	64
5	Decane, 5,6-dipropyl-	226	C16H34	119209-20-0	59





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Operator : RC/JU
Sample : Q1762-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

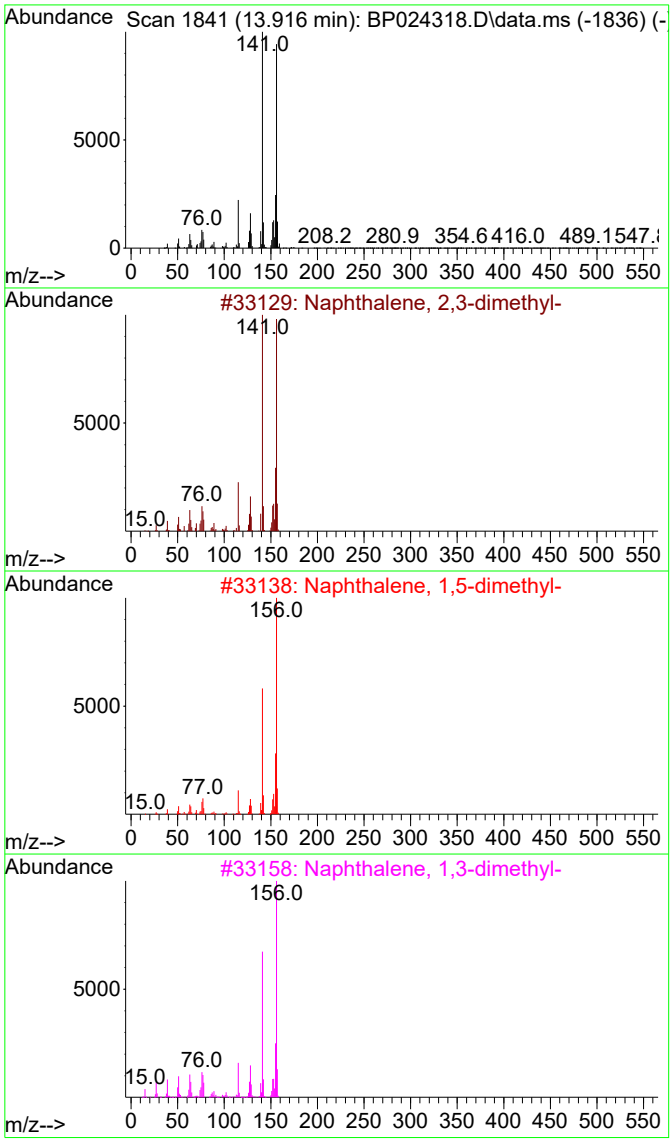
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

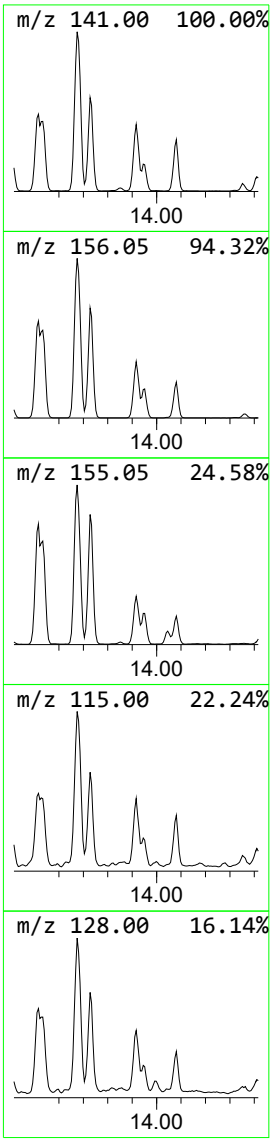
****

Peak Number 12 Naphthalene, 1,5-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.916	15.82 ng	2757810	Acenaphthene-d10	14.357

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
3	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
4	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
5	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	97





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Sample : Q1762-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW5

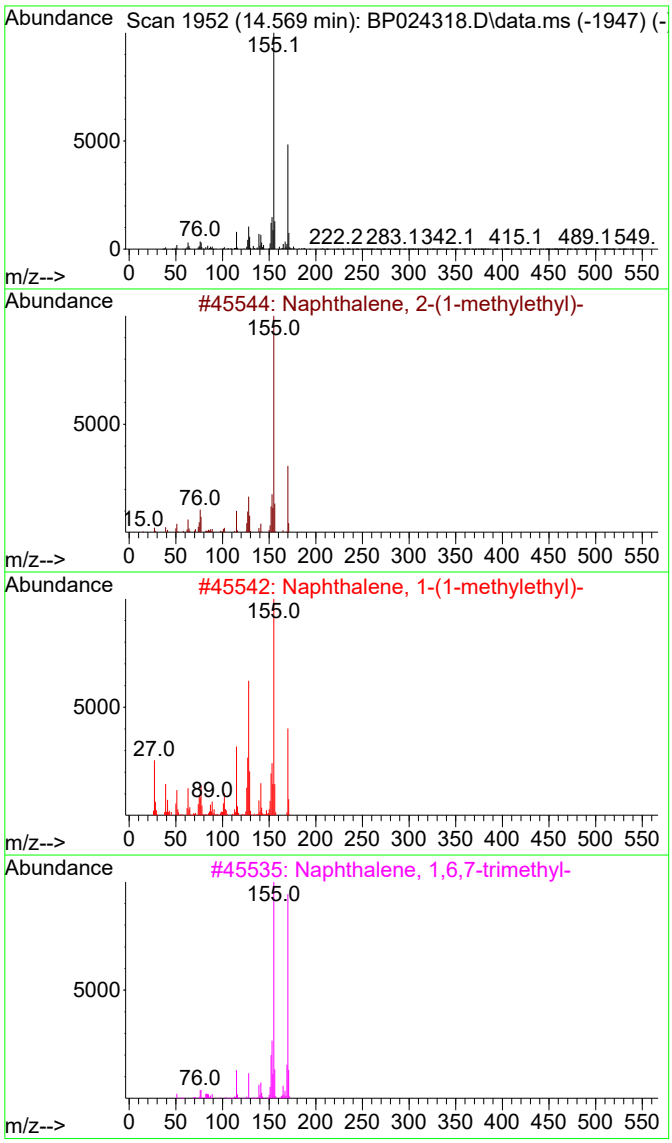
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

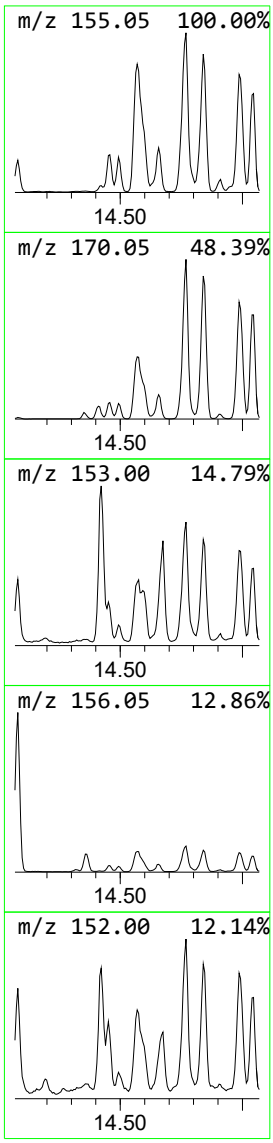
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Naphthalene, 2-(1-methyleth... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.569	11.52 ng	2009570	Acenaphthene-d10	14.357

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	91
2	Naphthalene, 1-(1-methylethyl)-	170	C13H14	006158-45-8	76
3	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	76
4	2-Naphthyl methyl ketone	170	C12H10O	000093-08-3	72
5	Ethanone, 1-(1-Naphthalenyl)-	170	C12H10O	000941-98-0	72





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Sample : Q1762-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW5

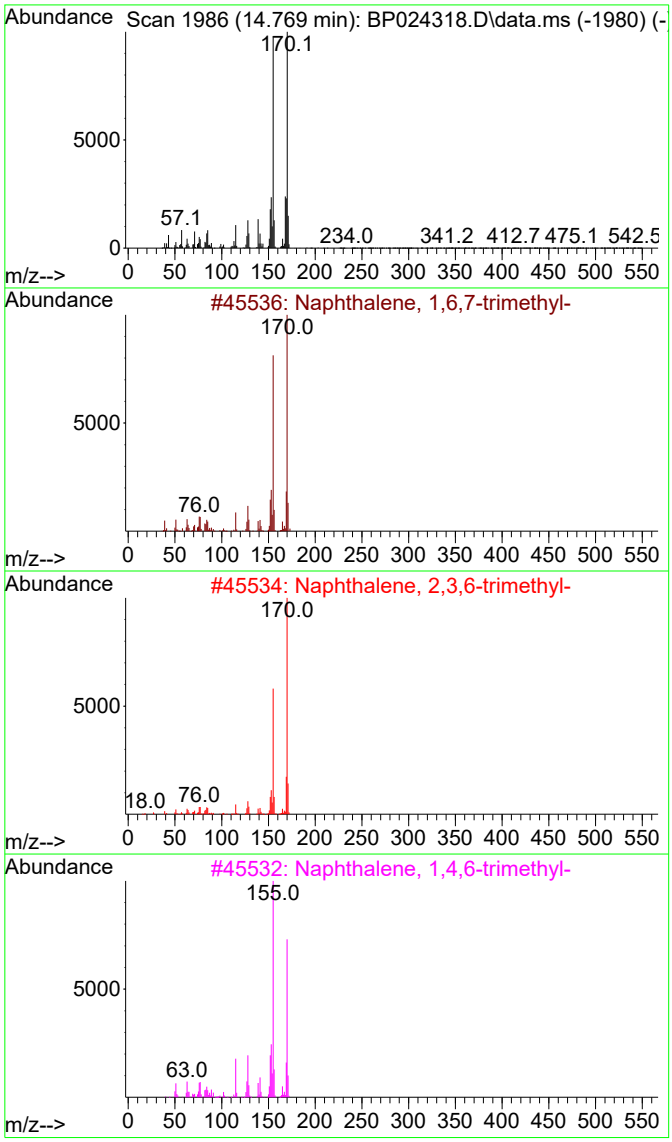
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

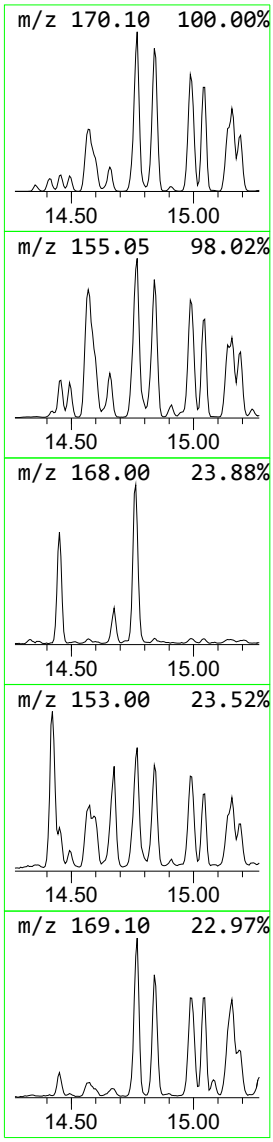
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Naphthalene, 1,6,7-trimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.769	12.38 ng	2159370	Acenaphthene-d10	14.357

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	97
3	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	95
4	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	90
5	1-(2,2-Dimethylcyclopropyl)-2-ph...	170	C13H14	1000294-91-1	90





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ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW5

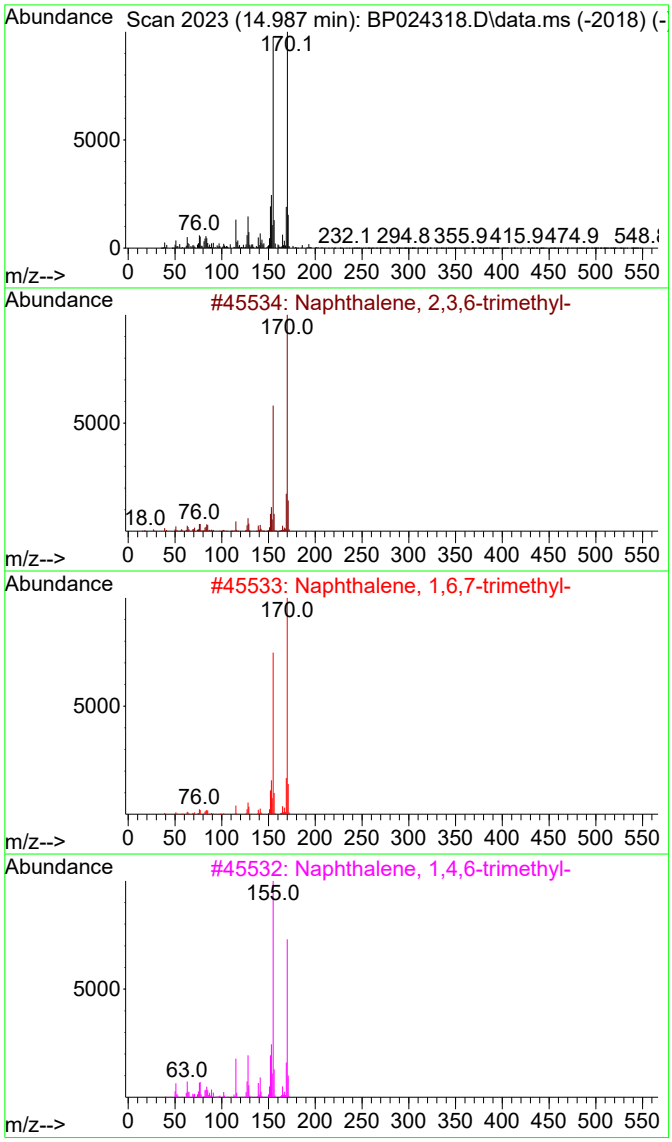
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

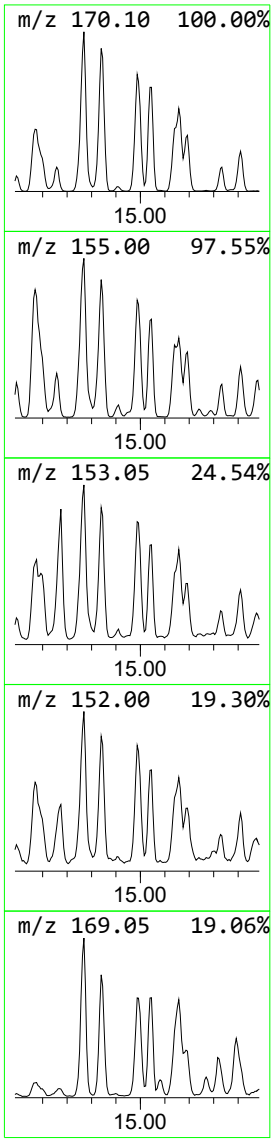
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Naphthalene, 2,3,6-trimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.987	10.65 ng	1857530	Acenaphthene-d10	14.357

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	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	93





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Sample : Q1762-02
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ALS Vial : 16 Sample Multiplier: 1

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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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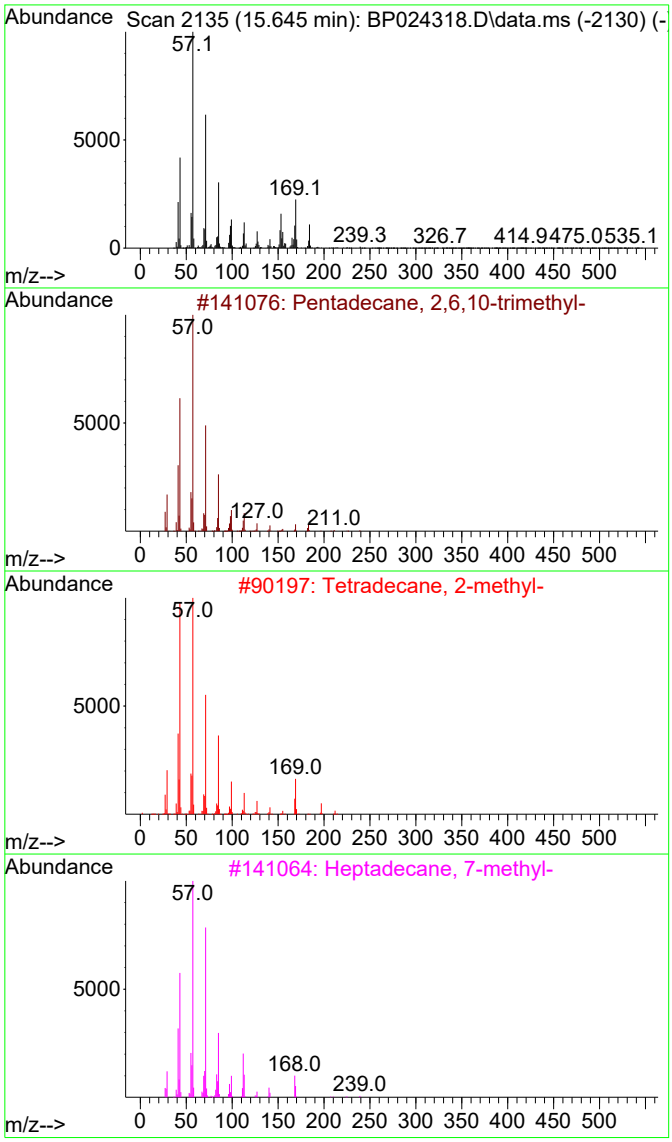
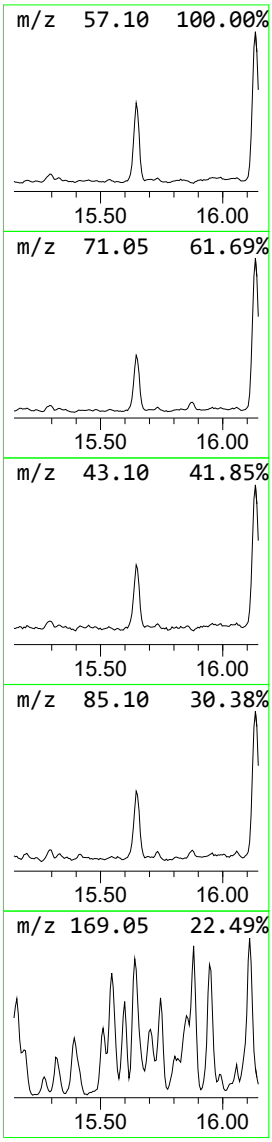
Peak Number 16 Pentadecane, 2,6,10-trimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.645	11.55 ng	2014270	Acenaphthene-d10	14.357

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	78
2	Tetradecane, 2-methyl-	212	C15H32	001560-95-8	58
3	Heptadecane, 7-methyl-	254	C18H38	020959-33-5	52
4	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	49
5	Tridecane, 5-propyl-	226	C16H34	055045-11-9	46





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Data File : BP024318.D
Acq On : 16 Apr 2025 19:18
Operator : RC/JU
Sample : Q1762-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.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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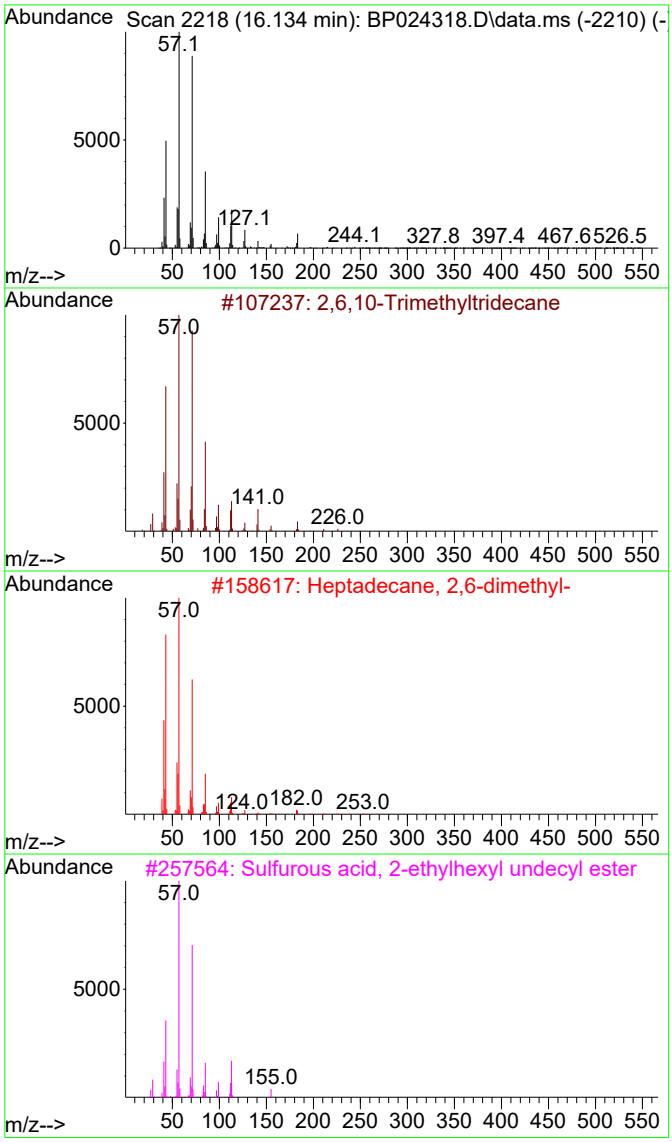
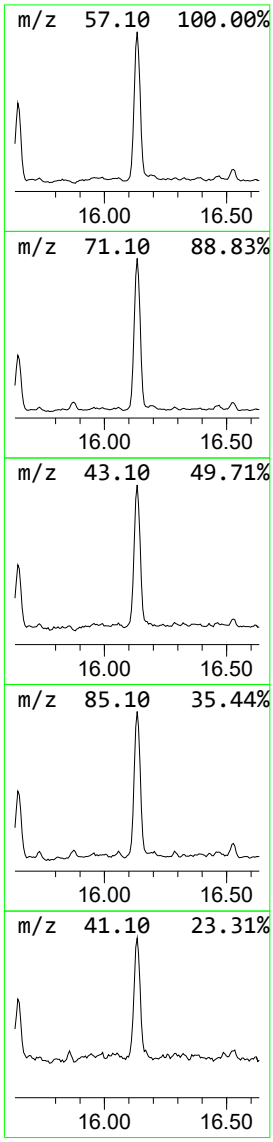
Peak Number 17 Heptadecane, 2,6-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.134	21.97 ng	3663840	Phenanthrene-d10	17.157

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,6,10-Trimethyltridecane	226	C16H34	003891-99-4	90
2	Heptadecane, 2,6-dimethyl-	268	C19H40	054105-67-8	81
3	Sulfurous acid, 2-ethylhexyl und...	348	C19H40O3S	1000309-19-4	80
4	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	74
5	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	72





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Operator : RC/JU
Sample : Q1762-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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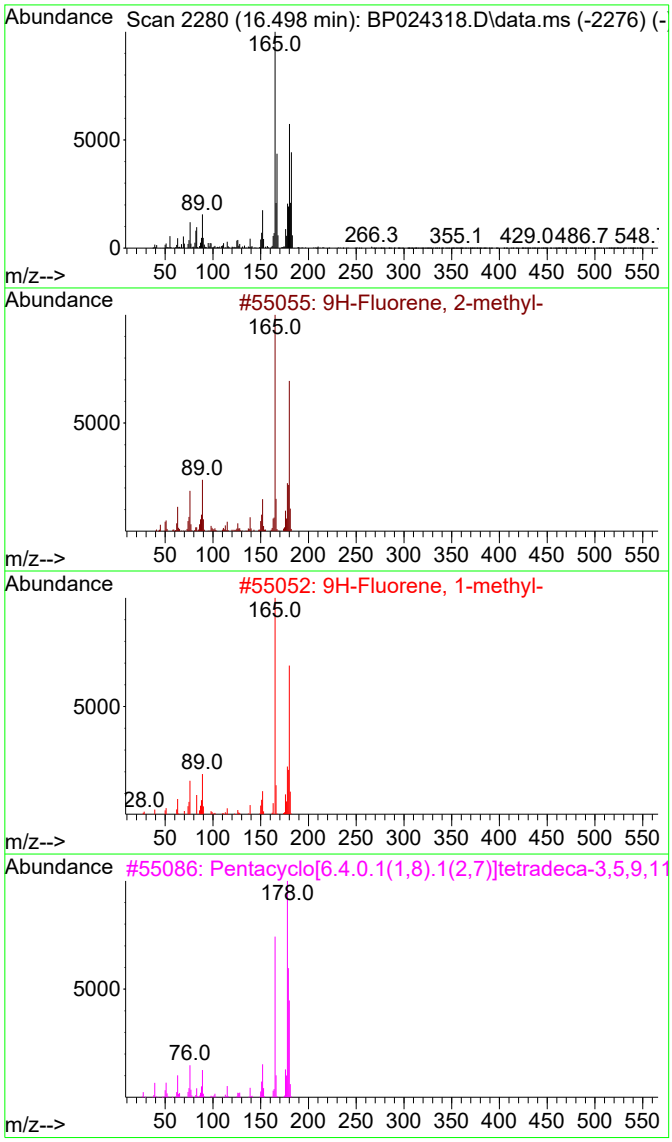
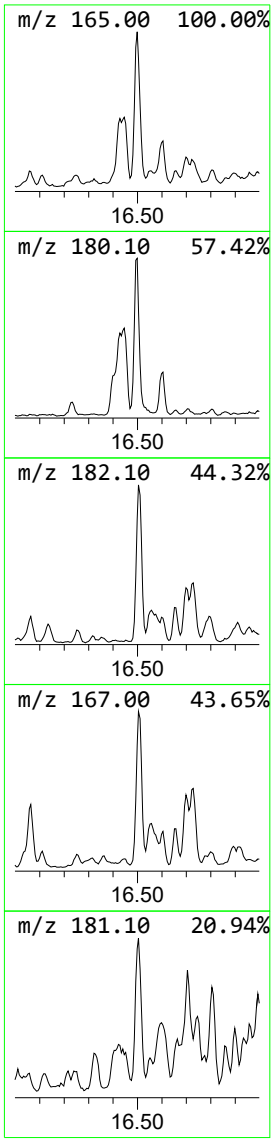
Peak Number 18 9H-Fluorene, 2-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.498	9.87 ng	1646220	Phenanthrene-d10	17.157

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	83
2	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	70
3	Pentacyclo[6.4.0.1(1,8).1(2,7)]t...	180	C14H12	086120-84-5	64
4	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	55
5	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	53





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Data File : BP024318.D
Acq On : 16 Apr 2025 19:18
Operator : RC/JU
Sample : Q1762-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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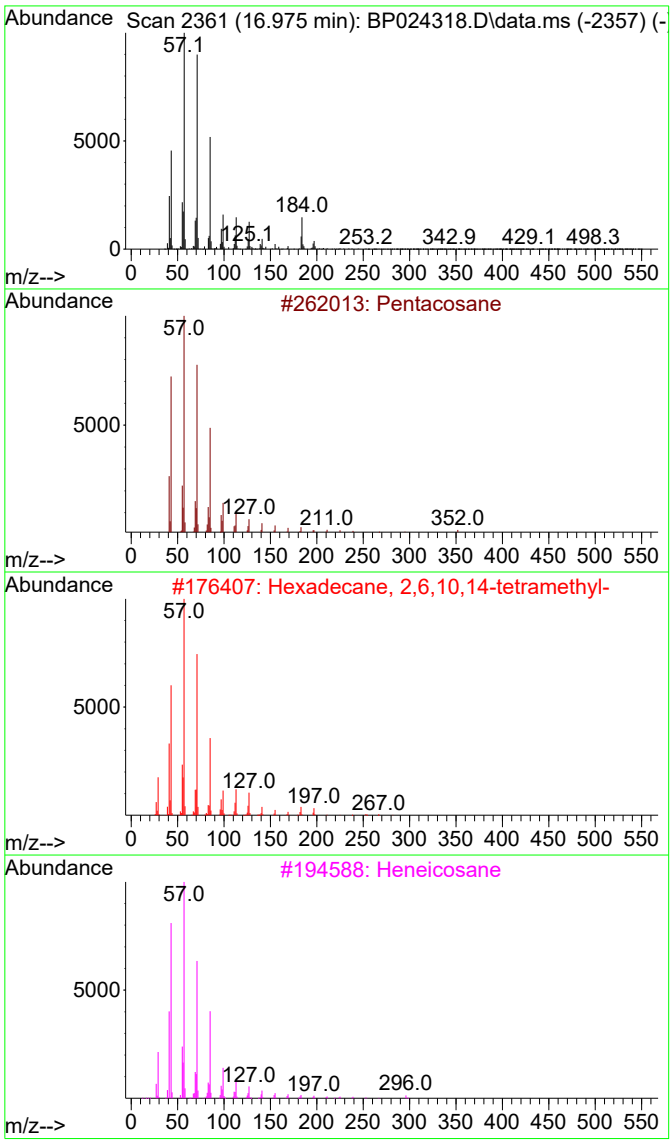
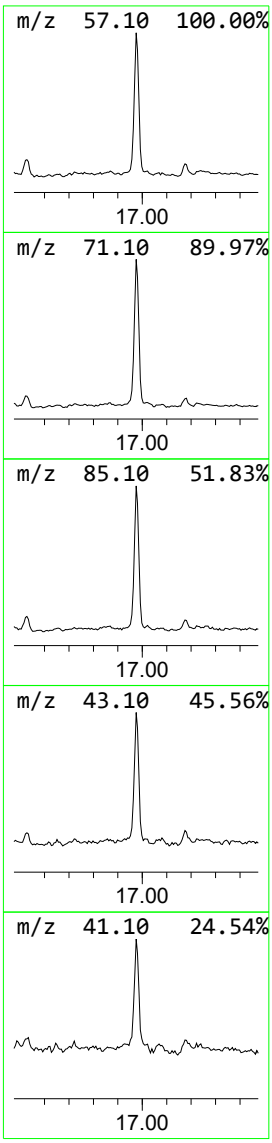
Peak Number 19 Pentacosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.975	13.34 ng	2224050	Phenanthrene-d10	17.157

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentacosane	352	C25H52	000629-99-2	93
2	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	90
3	Heneicosane	296	C21H44	000629-94-7	86
4	Tridecane	184	C13H28	000629-50-5	86
5	2-Bromotetradecane	276	C14H29Br	074036-95-6	86





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Acq On : 16 Apr 2025 19:18
Operator : RC/JU
Sample : Q1762-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.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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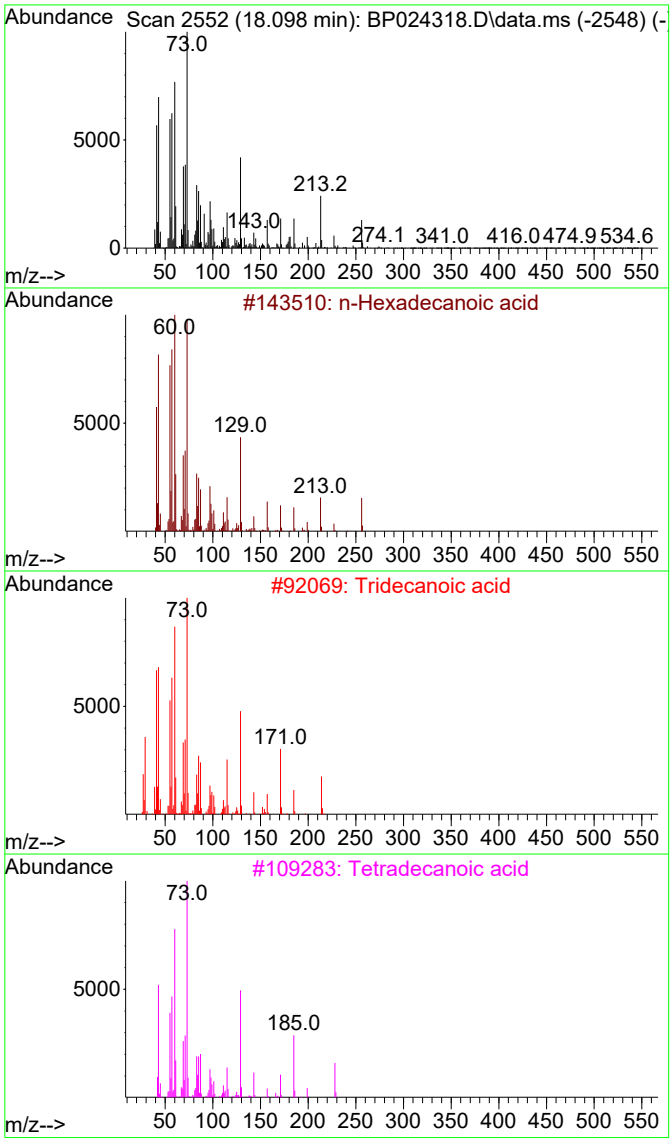
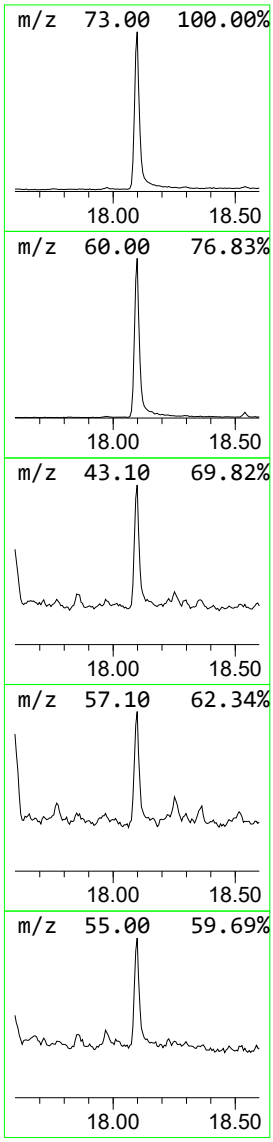
Peak Number 20 n-Hexadecanoic acid Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.098	12.48 ng	2081880	Phenanthrene-d10	17.157

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tridecanoic acid	214	C13H26O2	000638-53-9	93
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	91
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
5	Undecanoic acid	186	C11H22O2	000112-37-8	83





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041625\
Data File : BP024318.D
Acq On : 16 Apr 2025 19:18
Operator : RC/JU
Sample : Q1762-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.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
Indane	8.099	30.6	ng	2930480	1	7.728	1918240	20.0
Benzene, 1,3-di...	8.216	14.2	ng	1360490	1	7.728	1918240	20.0
o-Cymene	8.822	51.4	ng	4927070	1	7.728	1918240	20.0
unknown9.063	9.063	9.5	ng	911671	1	7.728	1918240	20.0
Benzene, 1,2,4,...	9.340	10.4	ng	2523910	2	10.505	4860050	20.0
1H-Indene, 2,3-...	9.758	10.0	ng	2421260	2	10.505	4860050	20.0
Benzene, 2-ethe...	9.905	22.8	ng	5537680	2	10.505	4860050	20.0
Naphthalene, 2,...	13.516	19.8	ng	3451870	3	14.357	3487450	20.0
Naphthalene, 2,...	13.675	44.7	ng	7787590	3	14.357	3487450	20.0
Naphthalene, 1,...	13.728	24.8	ng	4331220	3	14.357	3487450	20.0
2,6,10-Trimethy...	13.851	10.0	ng	1748030	3	14.357	3487450	20.0
Naphthalene, 1,...	13.916	15.8	ng	2757810	3	14.357	3487450	20.0
Naphthalene, 2-...	14.569	11.5	ng	2009570	3	14.357	3487450	20.0
Naphthalene, 1,...	14.769	12.4	ng	2159370	3	14.357	3487450	20.0
Naphthalene, 2,...	14.987	10.7	ng	1857530	3	14.357	3487450	20.0
Pentadecane, 2,...	15.645	11.6	ng	2014270	3	14.357	3487450	20.0
Heptadecane, 2,...	16.134	22.0	ng	3663840	4	17.157	3335600	20.0
9H-Fluorene, 2-...	16.498	9.9	ng	1646220	4	17.157	3335600	20.0
Pentacosane	16.975	13.3	ng	2224050	4	17.157	3335600	20.0
n-Hexadecanoic ...	18.098	12.5	ng	2081880	4	17.157	3335600	20.0