LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120321\
Data File : BP008209.D
Acq On : 03 Dec 2021 17:27
Operator : CG/JU
Sample : M4798-09
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DUP-111721

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-BP112521.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP008209.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.922	322	329	337	rBV	148313	210807	1.40%	0.135%
2	5.387	401	408	420	rBV	1242607	1812201	12.00%	1.160%
3	6.981	673	679	692	rVB	1370001	2243089	14.85%	1.436%
4	7.722	794	805	809	rBV4	58179	164071	1.09%	0.105%
5	7.793	809	817	824	rVB2	426792	897958	5.95%	0.575%
6	8.328	899	908	910	rBV3	96218	198076	1.31%	0.127%
7	8.622	954	958	962	rBV2	107640	151756	1.00%	0.097%
8	8.775	976	984	994	rBV6	56311	194453	1.29%	0.124%
9	8.905	995	1006	1009	rBV5	229482	588777	3.90%	0.377%
10	8.957	1009	1015	1020	rBV	944673	1566007	10.37%	1.002%
11	9.116	1037	1042	1044	rBV3	186088	316823	2.10%	0.203%
12	9.152	1044	1048	1054	rVB3	214383	438067	2.90%	0.280%
13	9.281	1054	1070	1075	rBV5	229356	971702	6.43%	0.622%
14	9.446	1092	1098	1104	rVV3	278051	520896	3.45%	0.333%
15	9.516	1104	1110	1115	rVB	394980	666885	4.42%	0.427%
16	9.681	1133	1138	1142	rBV3	120954	225244	1.49%	0.144%
17	9.722	1142	1145	1149	rVB3	121396	160491	1.06%	0.103%
18	9.775	1149	1154	1163	rVB6	508128	988154	6.54%	0.632%
19	9.863	1163	1169	1175	rVB3	237760	580647	3.84%	0.372%
20	9.946	1176	1183	1188	rVB5	176220	352226	2.33%	0.225%
21	10.052	1189	1201	1206	rBV5	208364	637128	4.22%	0.408%
22	10.193	1219	1225	1235	rVB6	270816	681431	4.51%	0.436%
23	10.299	1238	1243	1246	rBV	287544	480289	3.18%	0.307%
24	10.334	1246	1249	1253	rVB4	136261	164639	1.09%	0.105%
25	10.381	1253	1257	1263	rVB2	286478	474158	3.14%	0.303%
26	10.463	1267	1271	1274	rBV2	245568	384595	2.55%	0.246%
27	10.499	1274	1277	1281	rBV3	174956	241801	1.60%	0.155%
28	10.593	1283	1293	1299	rBV3	700155	1940871	12.85%	1.242%
29	10.646	1299	1302	1305	rBV5	194006	300771	1.99%	0.192%
30	10.716	1310	1314	1318	rVV3	634435	1163678	7.70%	0.745%
31	10.769	1318	1323	1328	rVV	1809966	3025431	20.03%	1.936%
32	10.828	1328	1333	1340	rVV4	421816	1133107	7.50%	0.725%
33	10.893	1340	1344	1350	rVB6	360146	678624	4.49%	0.434%
34	11.004	1359	1363	1367	rBV3	242536	361340	2.39%	0.231%
35	11.063	1370	1373	1375	rVV2	337368	467423	3.09%	0.299%
36	11.093	1375	1378	1383	rVB2	530586	762574	5.05%	0.488%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120321\
Data File : BP008209.D
Acq On : 03 Dec 2021 17:27
Operator : CG/JU
Sample : M4798-09
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DUP-111721

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-BP112521.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	11.175	1388	1392	1396	rBV2	225607	361285	2.39%	0.231%
38	11.304	1403	1414	1419	rBV6	897290	2491327	16.50%	1.594%
39	11.381	1423	1427	1432	rVB2	302499	584130	3.87%	0.374%
40	11.516	1446	1450	1458	rVB5	544129	1300870	8.61%	0.833%
41	11.640	1465	1471	1480	rBV	3142741	6398942	42.37%	4.095%
42	11.793	1494	1497	1500	rBV2	217891	245309	1.62%	0.157%
43	11.893	1506	1514	1518	rBV6	710321	1474982	9.77%	0.944%
44	12.057	1539	1542	1548	rBV6	264114	594593	3.94%	0.381%
45	12.346	1586	1591	1597	rBV7	422972	1122652	7.43%	0.718%
46	12.398	1597	1600	1603	rBV3	388929	504738	3.34%	0.323%
47	12.481	1609	1614	1617	rBV3	733872	1274884	8.44%	0.816%
48	12.522	1617	1621	1625	rVB3	936133	1398777	9.26%	0.895%
49	12.734	1653	1657	1662	rVB3	1005929	1713073	11.34%	1.096%
50	12.887	1677	1683	1688	rVB5	691969	1506648	9.98%	0.964%
51	12.998	1697	1702	1707	rVB	4188238	6158057	40.77%	3.941%
52	13.069	1707	1714	1718	rBV	2002368	3216866	21.30%	2.059%
53	13.234	1738	1742	1751	rBV2	2075744	4186114	27.72%	2.679%
54	13.310	1751	1755	1758	rBV2	758494	1037429	6.87%	0.664%
55	13.381	1763	1767	1774	rVV3	1244903	2934953	19.43%	1.878%
56	13.445	1775	1778	1784	rVB4	847342	1326435	8.78%	0.849%
57	13.781	1831	1835	1839	rVB	1364569	1938090	12.83%	1.240%
58	13.875	1847	1851	1855	rBV	2008463	2629798	17.41%	1.683%
59	13.951	1859	1864	1868	rVV3	4846460	7305700	48.37%	4.676%
60	14.157	1896	1899	1901	rBV2	664735	904643	5.99%	0.579%
61	14.287	1918	1921	1928	rVB2	1995067	3625303	24.00%	2.320%
62	14.357	1929	1933	1934	rBV4	529832	776497	5.14%	0.497%
63	14.434	1942	1946	1947	rBV3	1030391	1351894	8.95%	0.865%
64	14.863	2015	2019	2025	rVB2	2213625	3642004	24.11%	2.331%
65	14.934	2028	2031	2036	rVB	1297025	1754941	11.62%	1.123%
66	14.992	2036	2041	2050	rVB4	2249882	4151499	27.49%	2.657%
67	15.081	2051	2056	2060	rBV	1774948	3317837	21.97%	2.123%
68	15.281	2088	2090	2096	rVB3	980778	1462492	9.68%	0.936%
69	15.504	2124	2128	2131	rBV3	969669	1412731	9.35%	0.904%
70	15.728	2161	2166	2172	rVB2	5011313	8307185	55.00%	5.316%
71	15.957	2198	2205	2211	rVB5	1939058	4516750	29.91%	2.891%
72	16.022	2213	2216	2220	rBV2	678478	926014	6.13%	0.593%
73	16.110	2228	2231	2233	rBV	660440	865423	5.73%	0.554%
74	16.222	2241	2250	2259	rBV	7934819	15103403	100.00%	9.666%
75	16.575	2307	2310	2316	rVB5	1144797	1844680	12.21%	1.181%
76	17.039	2384	2389	2398	rVB	5182512	9300135	61.58%	5.952%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120321\
Data File : BP008209.D
Acq On : 03 Dec 2021 17:27
Operator : CG/JU
Sample : M4798-09
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DUP-111721

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-BP112521.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	17.222	2416	2420	2423	rBV2	1008853	1549378	10.26%	0.992%
78	17.645	2488	2492	2502	rVB2	1504153	2606986	17.26%	1.668%
79	18.975	2715	2718	2723	rVB	1015537	1362988	9.02%	0.872%
80	19.657	2831	2834	2839	rVB	554744	740810	4.90%	0.474%
81	19.733	2844	2847	2851	rBV3	270653	414170	2.74%	0.265%
82	19.780	2851	2855	2859	rVB	4352751	5115174	33.87%	3.274%
83	21.022	3064	3066	3077	rVB3	204217	353388	2.34%	0.226%
84	21.310	3110	3115	3130	rVB	970221	1401398	9.28%	0.897%
85	22.169	3257	3261	3273	rVB2	228399	543305	3.60%	0.348%
86	23.704	3516	3522	3534	rVB2	514762	1051654	6.96%	0.673%

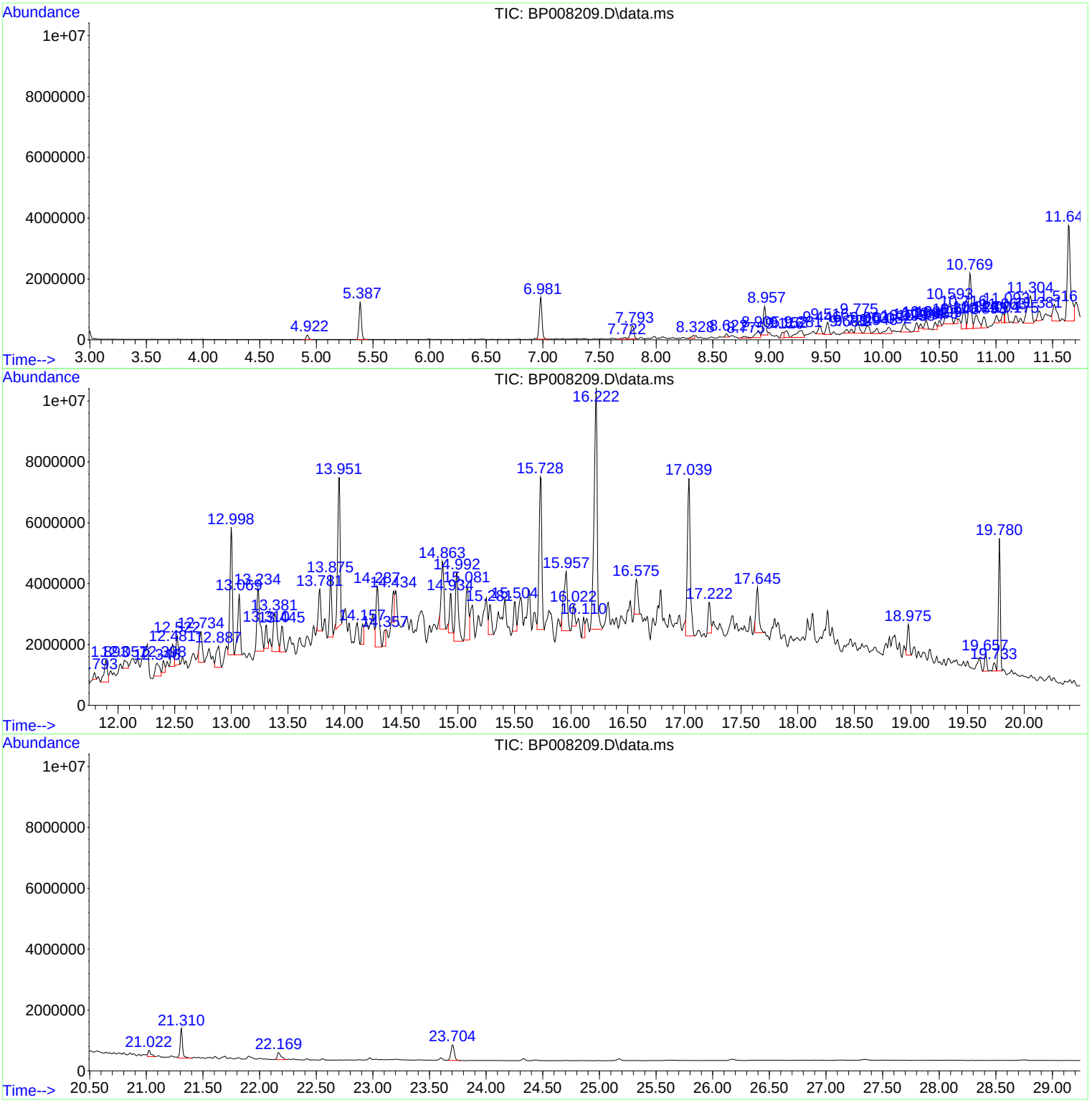
Sum of corrected areas: 156254524

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120321\
Data File : BP008209.D
Acq On : 03 Dec 2021 17:27
Operator : CG/JU
Sample : M4798-09
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DUP-111721

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP112521.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\BP120321\
Data File : BP008209.D
Acq On : 03 Dec 2021 17:27
Operator : CG/JU
Sample : M4798-09
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DUP-111721

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP112521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

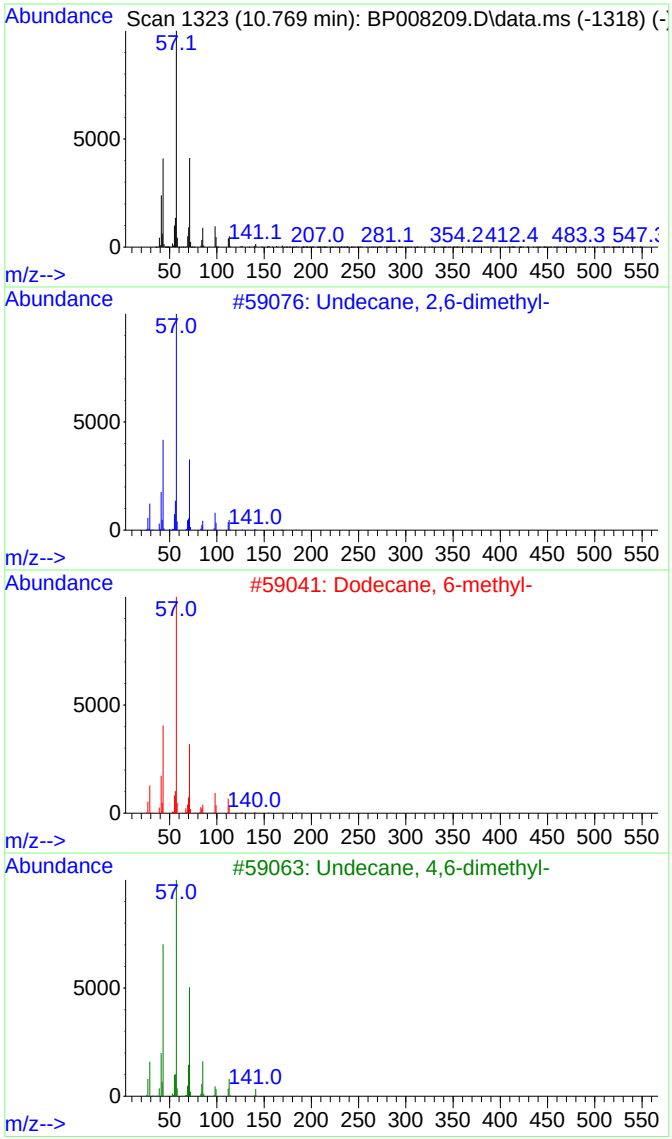
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

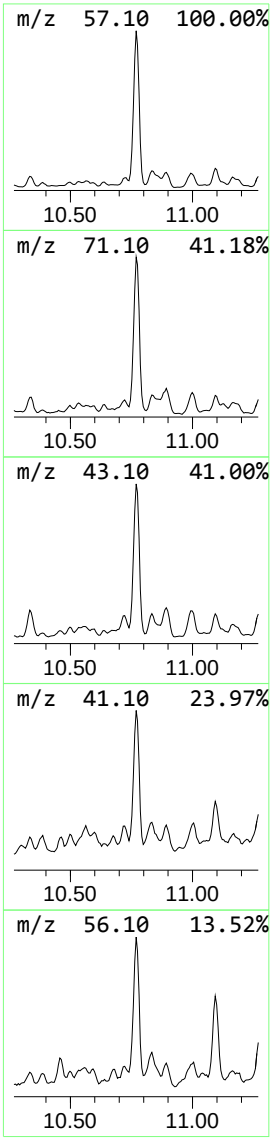
****

Peak Number 1 Undecane, 2,6-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.769	31.18 ng	3025430	Naphthalene-d8	10.593

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	97
2	Dodecane, 6-methyl-	184	C13H28	006044-71-9	91
3	Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	87
4	Undecane, 3,5-dimethyl-	184	C13H28	017312-81-1	80
5	Decane, 2,5,9-trimethyl-	184	C13H28	062108-22-9	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120321\
Data File : BP008209.D
Acq On : 03 Dec 2021 17:27
Operator : CG/JU
Sample : M4798-09
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DUP-111721

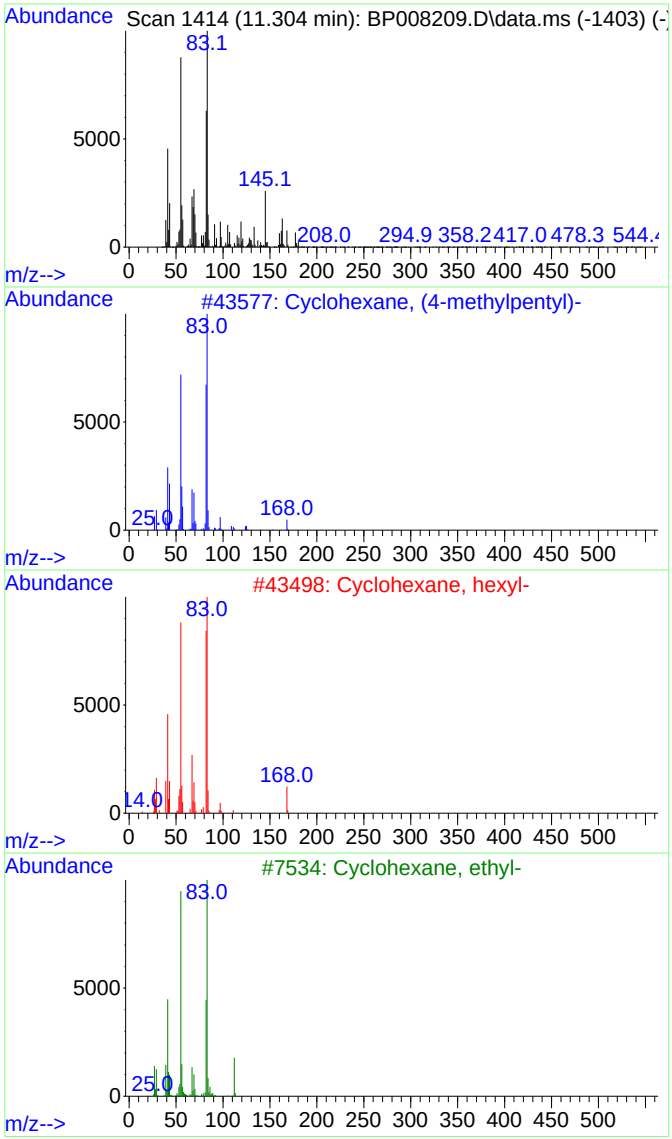
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP112521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

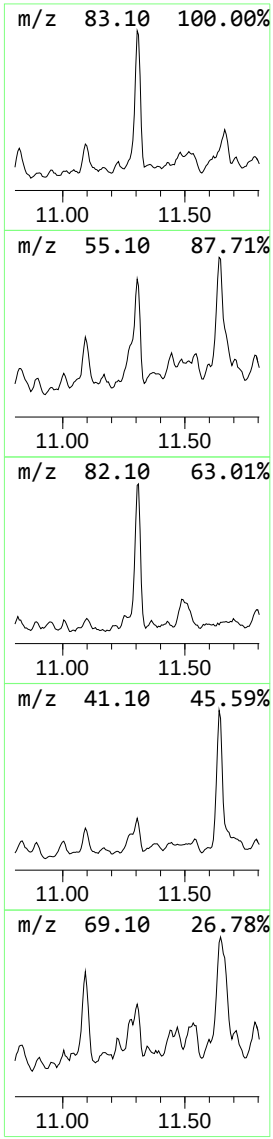
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Cyclohexane, (4-methylpentyl)- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.304	25.67 ng	2491330	Naphthalene-d8	10.593

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, (4-methylpentyl)-	168	C12H24	061142-20-9	76
2	Cyclohexane, hexyl-	168	C12H24	004292-75-5	58
3	Cyclohexane, ethyl-	112	C8H16	001678-91-7	53
4	Cyclohexane, pentyl-	154	C11H22	004292-92-6	53
5	Cyclohexane, propyl-	126	C9H18	001678-92-8	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120321\
Data File : BP008209.D
Acq On : 03 Dec 2021 17:27
Operator : CG/JU
Sample : M4798-09
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DUP-111721

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP112521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

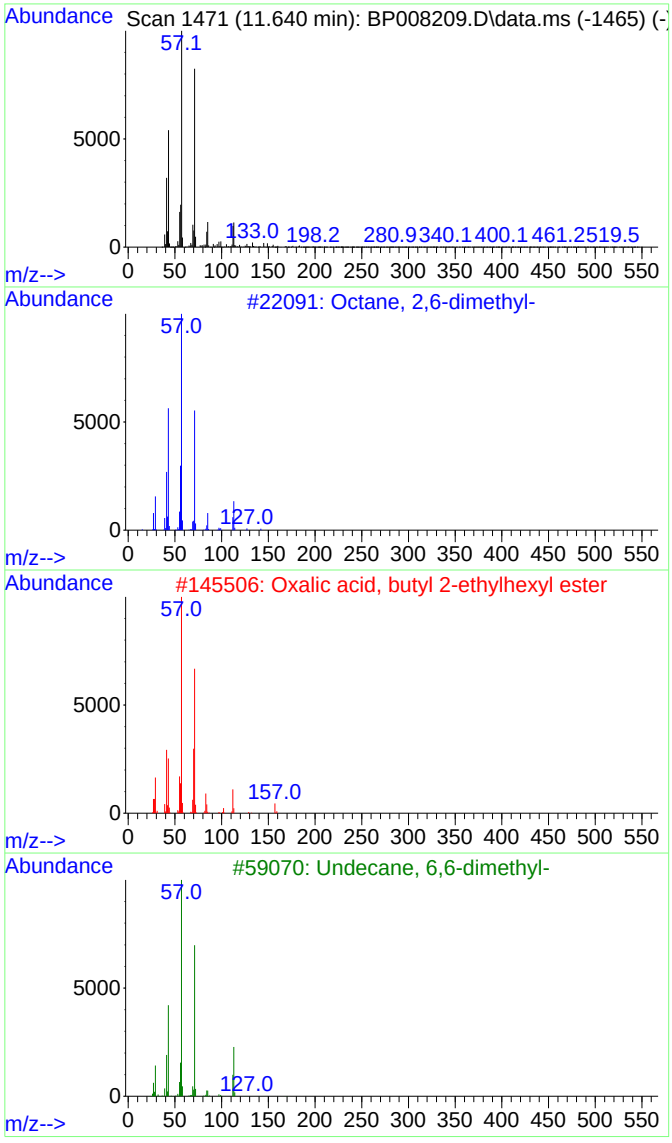
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

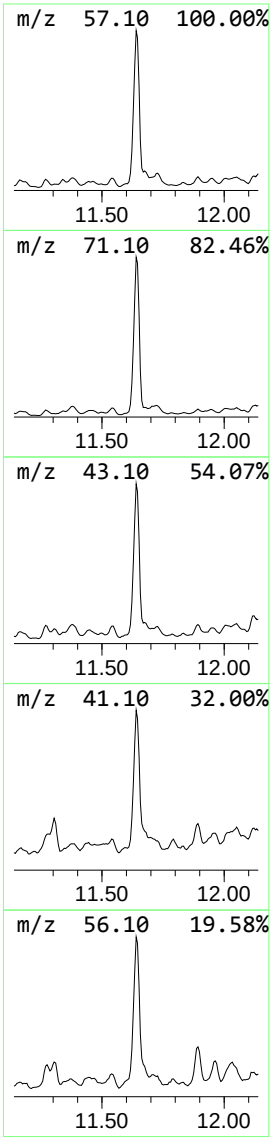
****

Peak Number 3 Octane, 2,6-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.640	65.94 ng	6398940	Naphthalene-d8	10.593

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	72
2	Oxalic acid, butyl 2-ethylhexyl ...	258	C14H26O4	1000309-38-6	72
3	Undecane, 6,6-dimethyl-	184	C13H28	017312-76-4	72
4	Sulfurous acid, 2-ethylhexyl pen...	264	C13H28O3S	1000309-18-9	64
5	Methoxyacetic acid, 2-ethylhexyl...	202	C11H22O3	1000282-41-4	59





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120321\
Data File : BP008209.D
Acq On : 03 Dec 2021 17:27
Operator : CG/JU
Sample : M4798-09
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DUP-111721

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP112521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

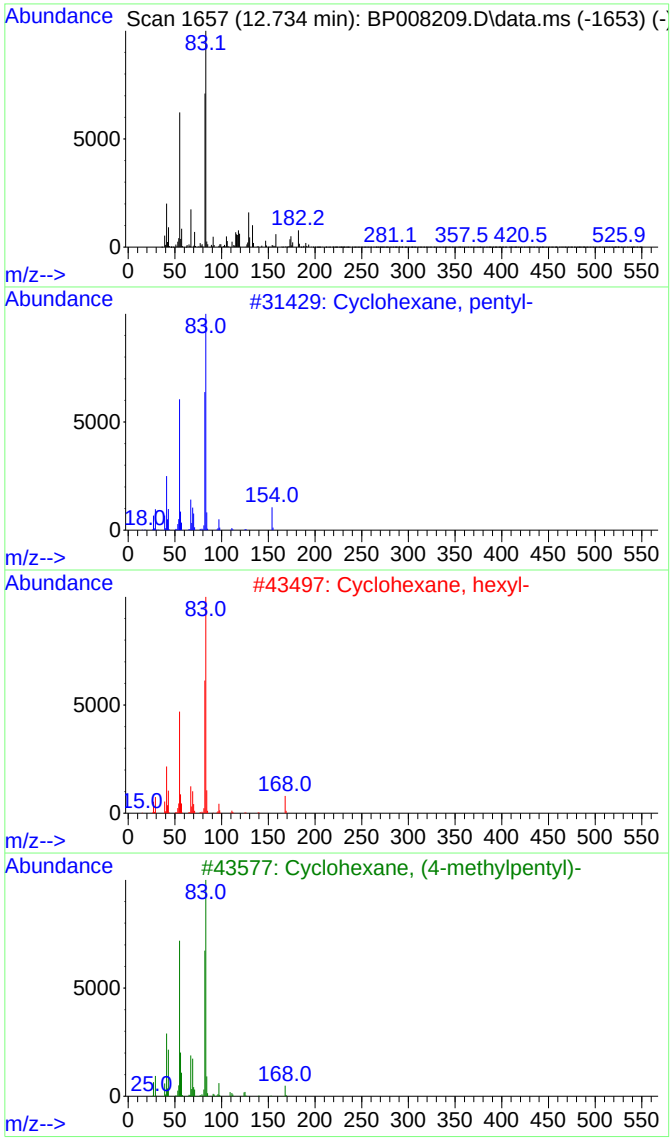
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

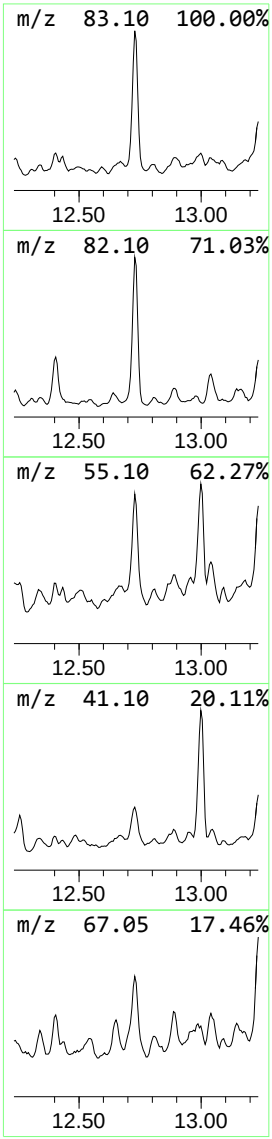
****

Peak Number 4 Cyclohexane, pentyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.734	25.34 ng	1713070	Acenaphthene-d10	14.451

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, pentyl-	154	C11H22	004292-92-6	53
2	Cyclohexane, hexyl-	168	C12H24	004292-75-5	53
3	Cyclohexane, (4-methylpentyl)-	168	C12H24	061142-20-9	53
4	Decane, 2-cyclohexyl-	224	C16H32	013151-73-0	42
5	Heptylcyclohexane	182	C13H26	005617-41-4	42





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120321\
Data File : BP008209.D
Acq On : 03 Dec 2021 17:27
Operator : CG/JU
Sample : M4798-09
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DUP-111721

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP112521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

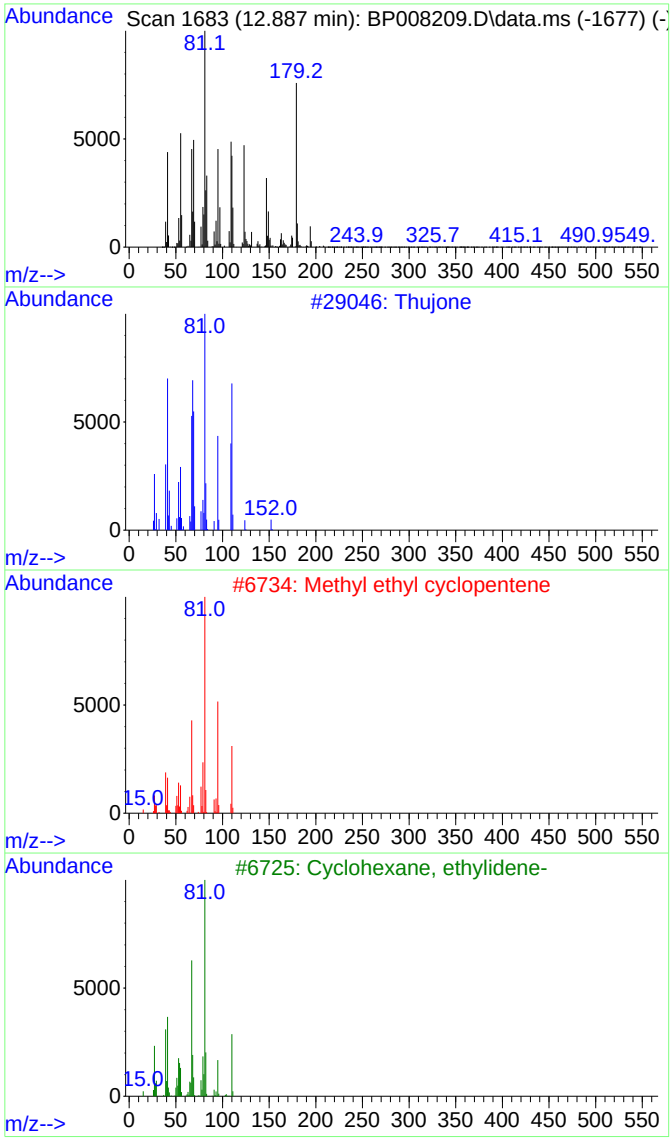
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

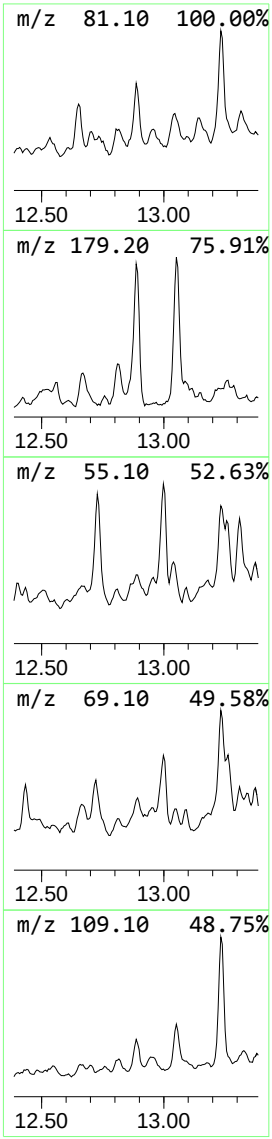
****

Peak Number 5 unknown12.887 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.887	22.29 ng	1506650	Acenaphthene-d10	14.451

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Thujone	152	C10H16O	000546-80-5	45
2	Methyl ethyl cyclopentene	110	C8H14	019780-56-4	45
3	Cyclohexane, ethylidene-	110	C8H14	001003-64-1	41
4	2-Propenyl-3-vinyloxirane	110	C7H10O	070597-49-8	27
5	di-t-Butylacetylene	138	C10H18	017530-24-4	22





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120321\
Data File : BP008209.D
Acq On : 03 Dec 2021 17:27
Operator : CG/JU
Sample : M4798-09
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DUP-111721

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP112521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

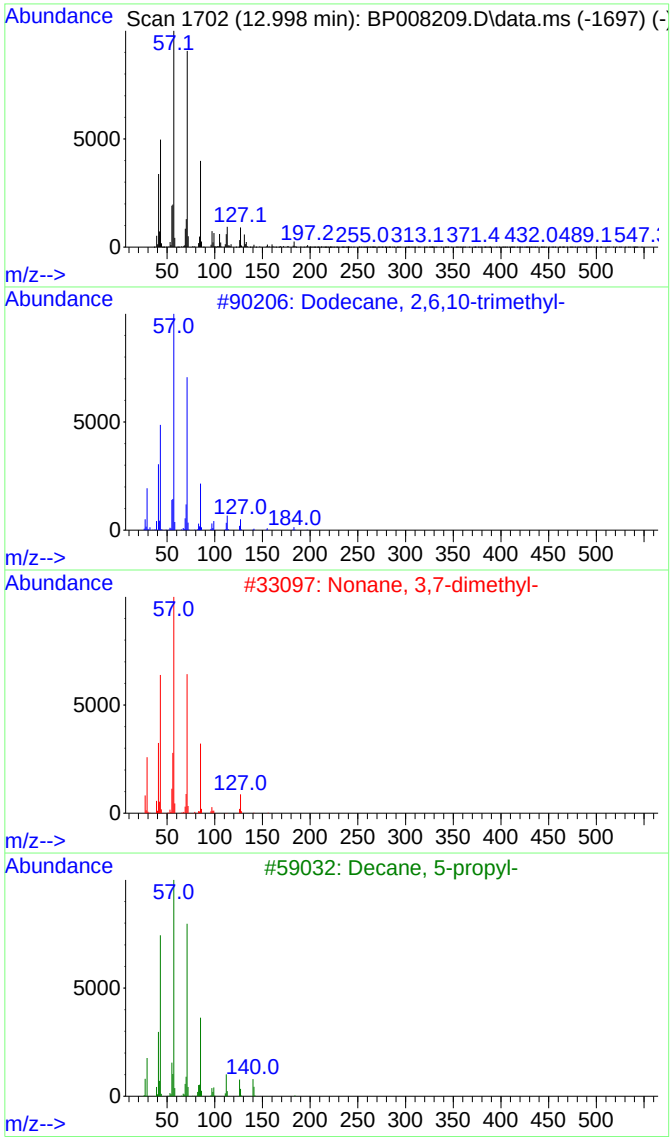
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

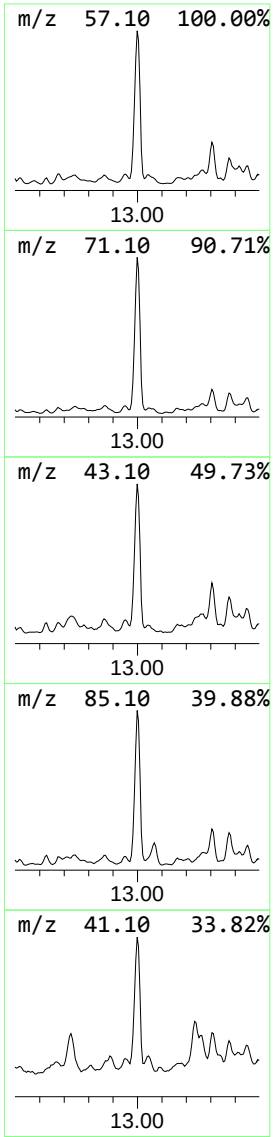
****

Peak Number 6 Dodecane, 2,6,10-trimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.998	91.10 ng	6158060	Acenaphthene-d10	14.451

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	80
2	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	76
3	Decane, 5-propyl-	184	C13H28	017312-62-8	74
4	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	72
5	Nonane, 3-methyl-5-propyl-	184	C13H28	031081-18-2	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120321\
Data File : BP008209.D
Acq On : 03 Dec 2021 17:27
Operator : CG/JU
Sample : M4798-09
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DUP-111721

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP112521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

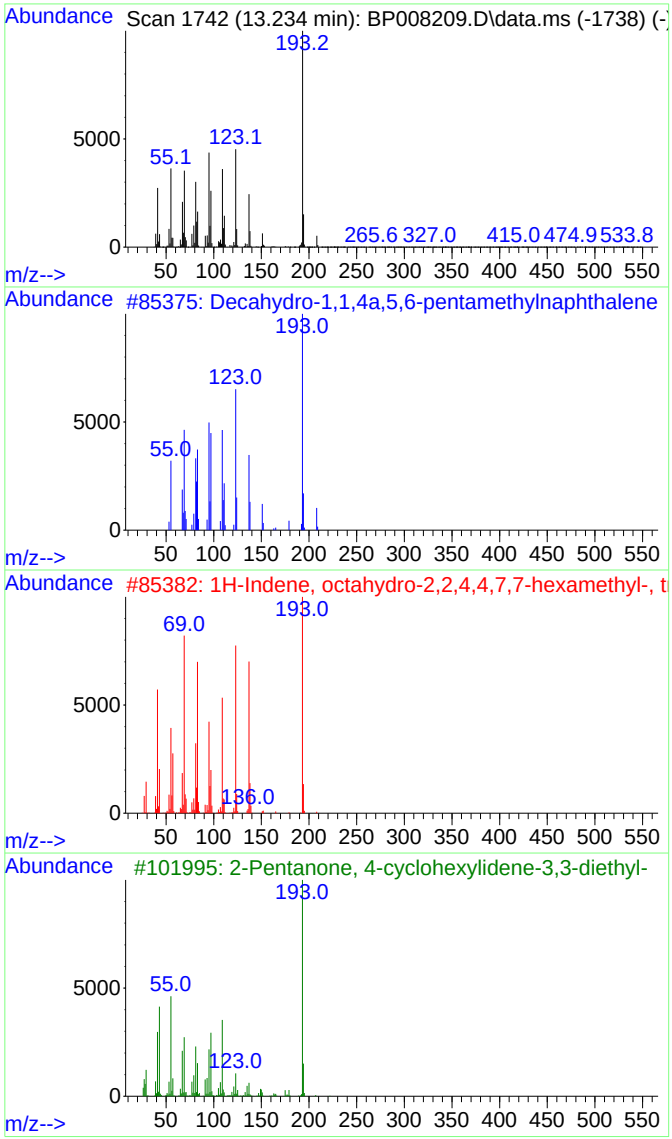
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

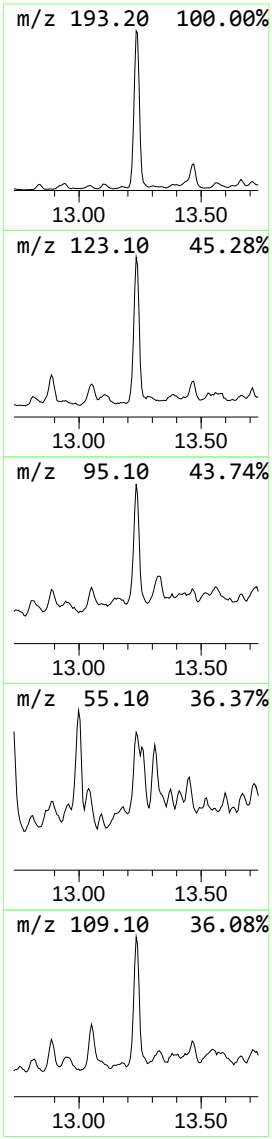
****

Peak Number 7 Decahydro-1,1,4a,5,6-pentam... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.234	61.93 ng	4186110	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	93
2	1H-Indene, octahydro-2,2,4,4,7,7...	208	C15H28	054832-83-6	42
3	2-Pentanone, 4-cyclohexylidene-3...	222	C15H26O	313253-65-5	38
4	3-((2R,5S)-7-(Cyclohexylsulfonyl...	340	C17H28N2O3S	1000483-82-6	27
5	2-Anthracenamine	193	C14H11N	000613-13-8	27





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120321\
Data File : BP008209.D
Acq On : 03 Dec 2021 17:27
Operator : CG/JU
Sample : M4798-09
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DUP-111721

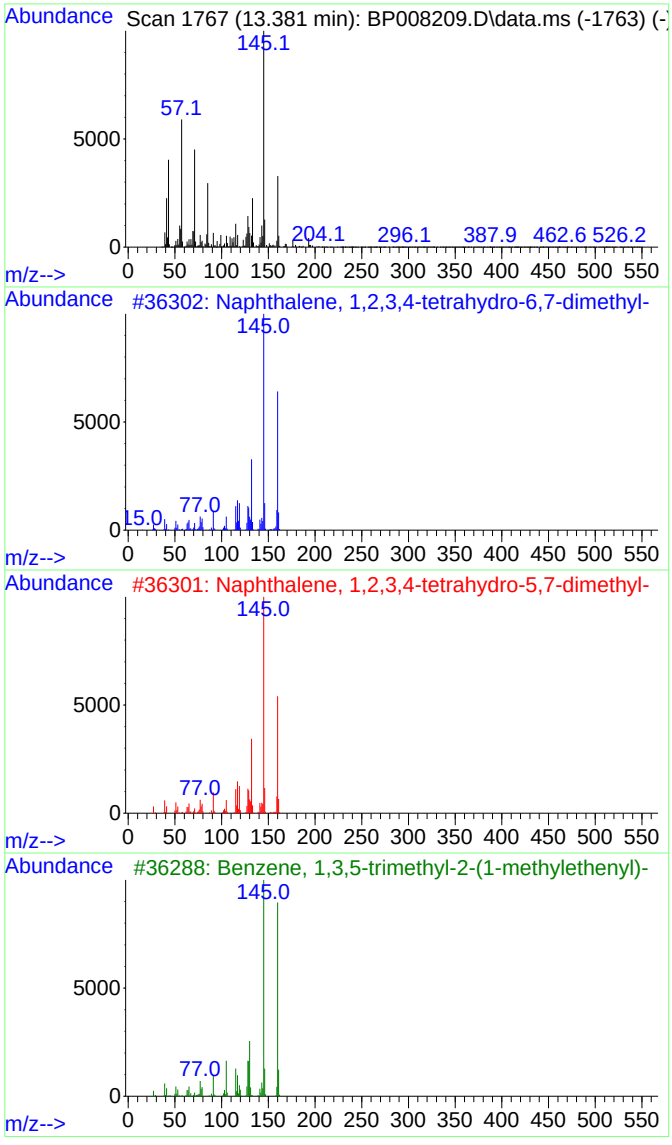
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP112521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

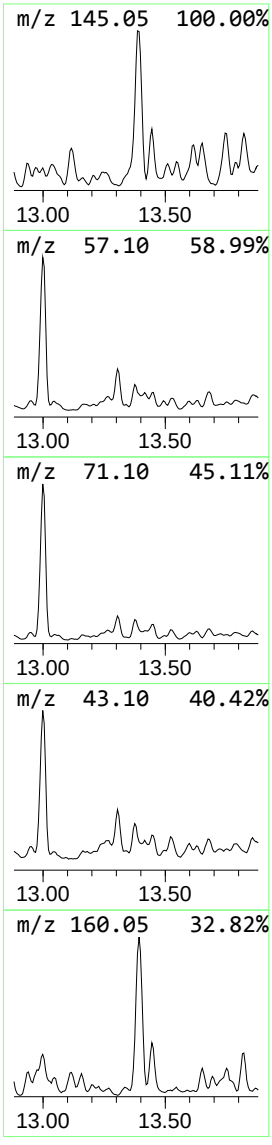
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.381	43.42 ng	2934950	Acenaphthene-d10	14.451

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	001076-61-5	64
2	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021693-54-9	64
3	Benzene, 1,3,5-trimethyl-2-(1-me...	160	C12H16	014679-13-1	60
4	1H-Indene, 2,3-dihydro-1,1,3-tri...	160	C12H16	002613-76-5	55
5	1H-Indene, 2,3-dihydro-4,5,7-tri...	160	C12H16	006682-06-0	55





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120321\
Data File : BP008209.D
Acq On : 03 Dec 2021 17:27
Operator : CG/JU
Sample : M4798-09
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DUP-111721

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP112521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

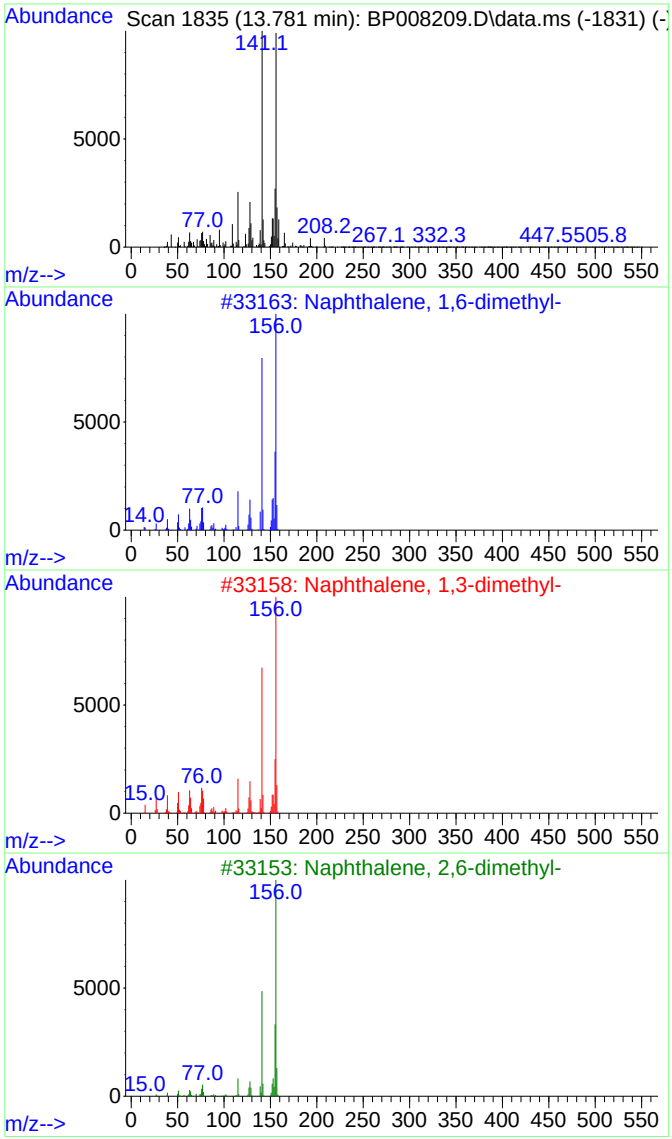
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

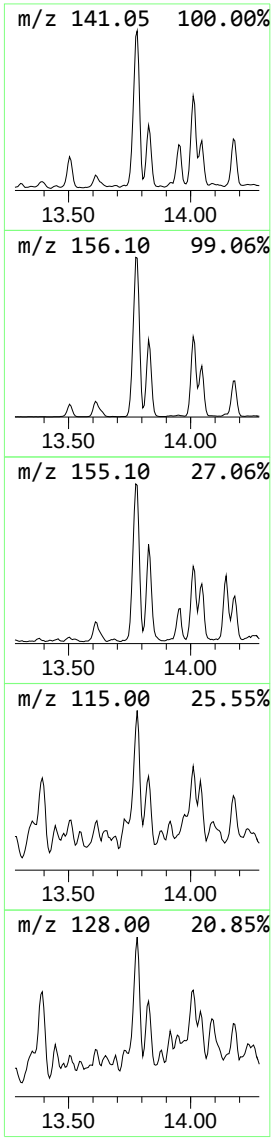
****

Peak Number 9 Naphthalene, 1,6-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.781	28.67 ng	1938090	Acenaphthene-d10	14.451

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95
2	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	95
3	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	93
4	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	93
5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120321\
Data File : BP008209.D
Acq On : 03 Dec 2021 17:27
Operator : CG/JU
Sample : M4798-09
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DUP-111721

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP112521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

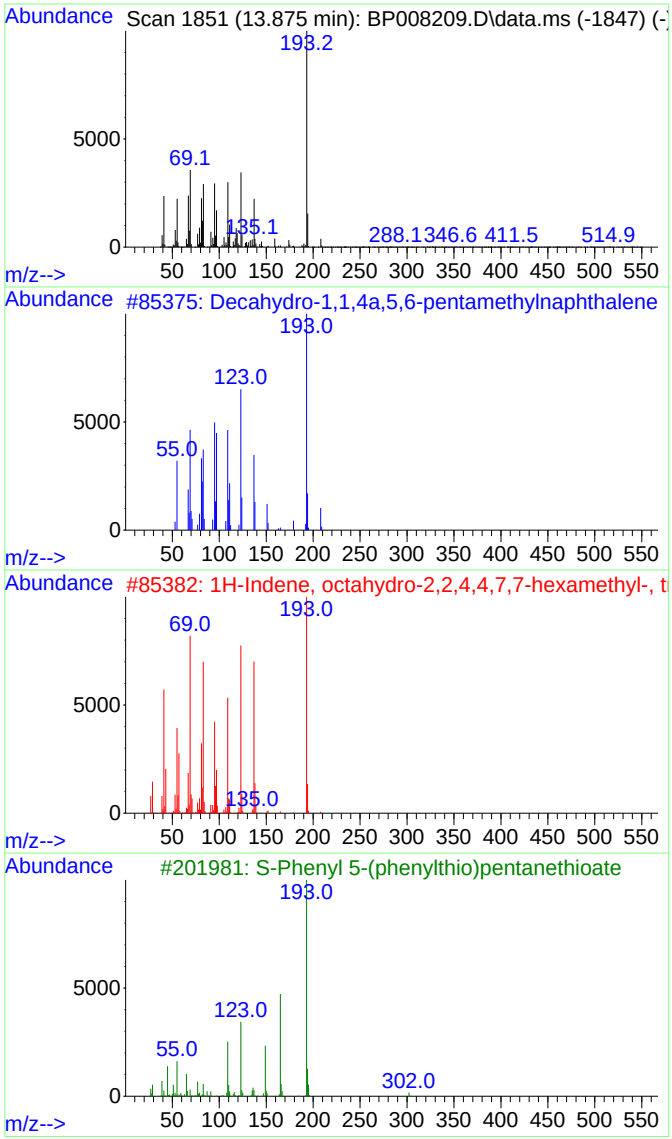
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

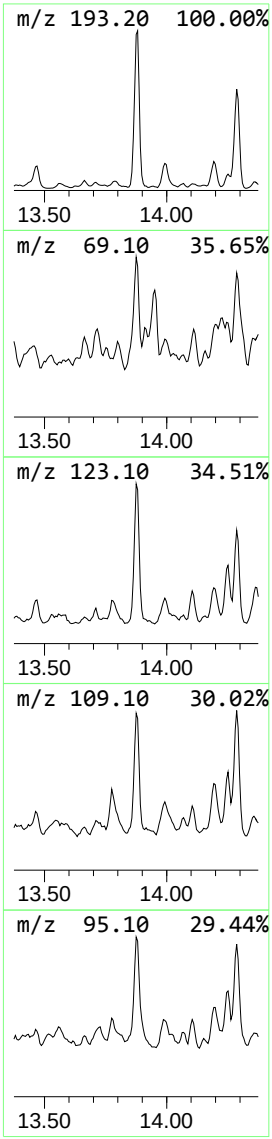
****

Peak Number 10 unknown13.875 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.875	38.91 ng	2629800	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	43
2	1H-Indene, octahydro-2,2,4,4,7,7...	208	C15H28	054832-83-6	38
3	S-Phenyl 5-(phenylthio)pentaneth...	302	C17H18OS2	1000234-40-7	38
4	3-Phenylindole	193	C14H11N	001504-16-1	35
5	Pyrazole, 5-methyl-3-(5-nitro-2-...	193	C8H7N3O3	016239-90-0	35





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120321\
Data File : BP008209.D
Acq On : 03 Dec 2021 17:27
Operator : CG/JU
Sample : M4798-09
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DUP-111721

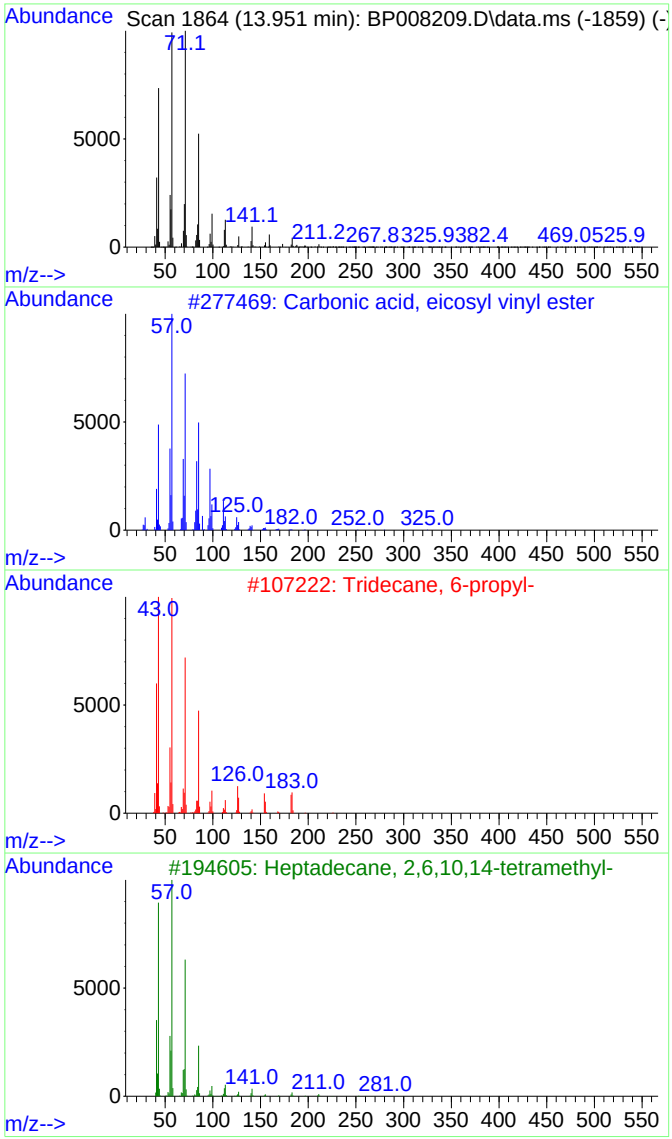
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP112521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

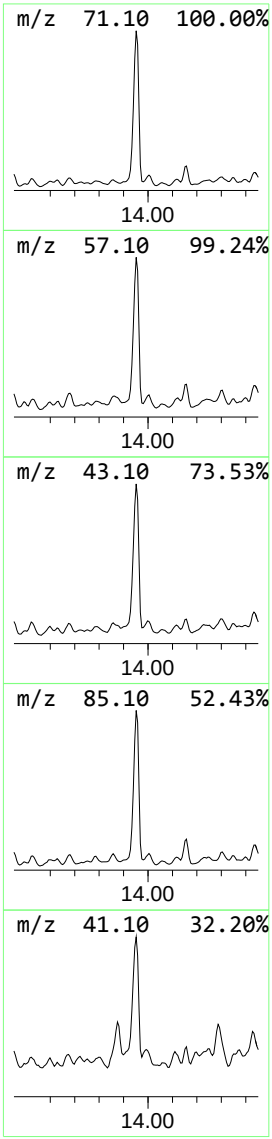
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Carbonic acid, eicosyl viny... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.951	108.08 ng	7305700	Acenaphthene-d10	14.451

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	86
2	Tridecane, 6-propyl-	226	C16H34	055045-10-8	80
3	Heptadecane, 2,6,10,14-tetramethyl-	296	C21H44	018344-37-1	78
4	Dodecane, 4-methyl-	184	C13H28	006117-97-1	74
5	3-Ethyl-2,6,10-trimethylundecane	226	C16H34	1000432-25-9	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120321\
Data File : BP008209.D
Acq On : 03 Dec 2021 17:27
Operator : CG/JU
Sample : M4798-09
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DUP-111721

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP112521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

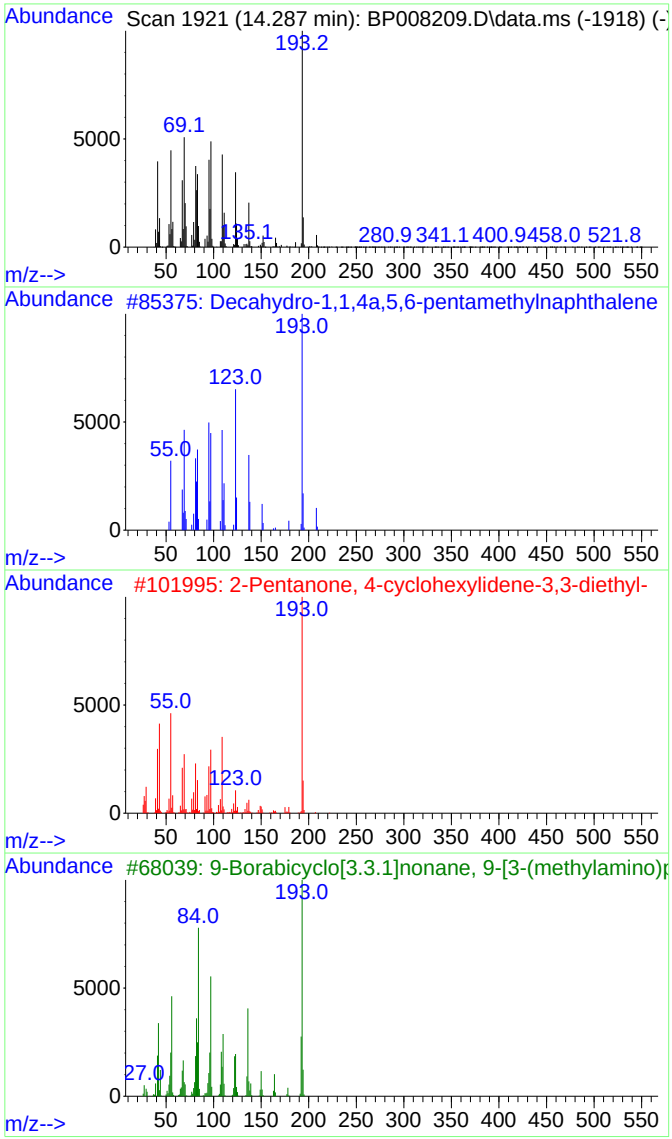
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

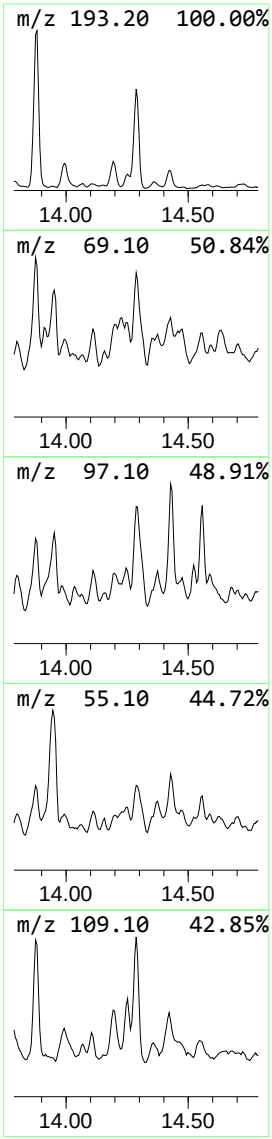
****

Peak Number 12 unknown14.287 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.287	53.63 ng	3625300	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	49
2	2-Pentanone, 4-cyclohexylidene-3...	222	C15H26O	313253-65-5	45
3	9-Borabicyclo[3.3.1]nonane, 9-[3...	193	C12H24BN	1010162-56-0	43
4	1-(p-Fluorophenyl)-4-piperidone	193	C11H12FNO	1000238-56-7	38
5	1H-Indene, octahydro-2,2,4,4,7,7...	208	C15H28	054832-83-6	37





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120321\
Data File : BP008209.D
Acq On : 03 Dec 2021 17:27
Operator : CG/JU
Sample : M4798-09
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DUP-111721

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP112521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

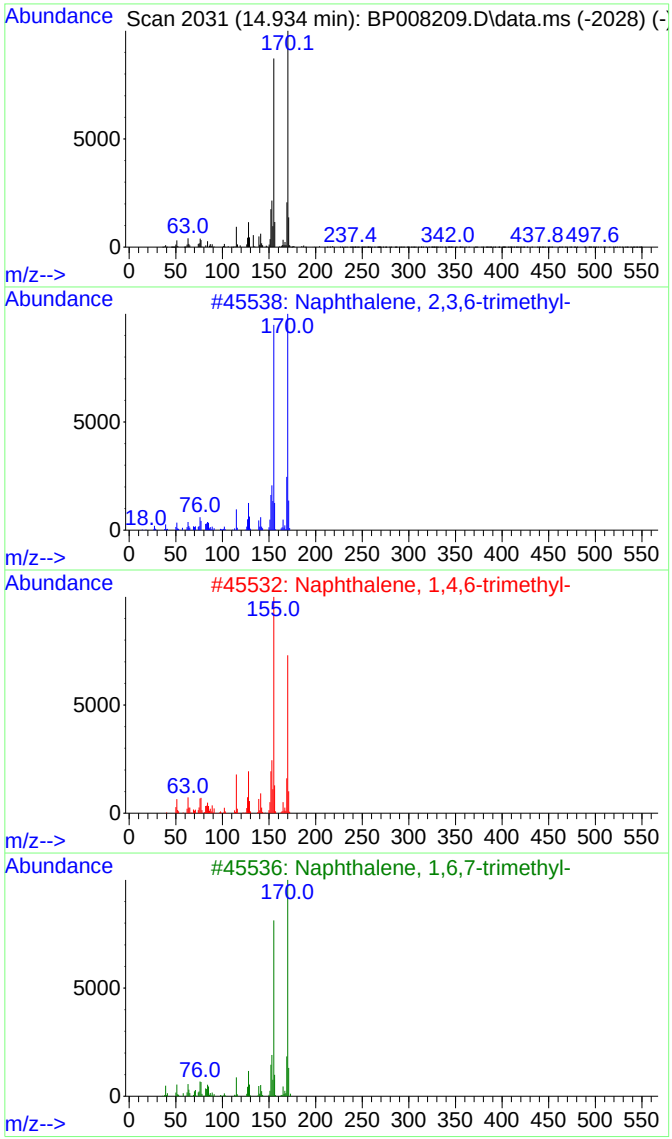
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

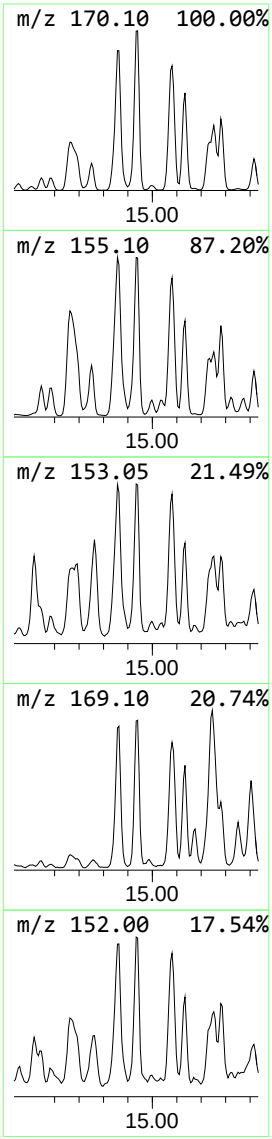
****

Peak Number 13 Naphthalene, 2,3,6-trimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.934	25.96 ng	1754940	Acenaphthene-d10	14.451

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	97
2	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96
3	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	95
4	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	94
5	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120321\
Data File : BP008209.D
Acq On : 03 Dec 2021 17:27
Operator : CG/JU
Sample : M4798-09
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DUP-111721

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP112521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

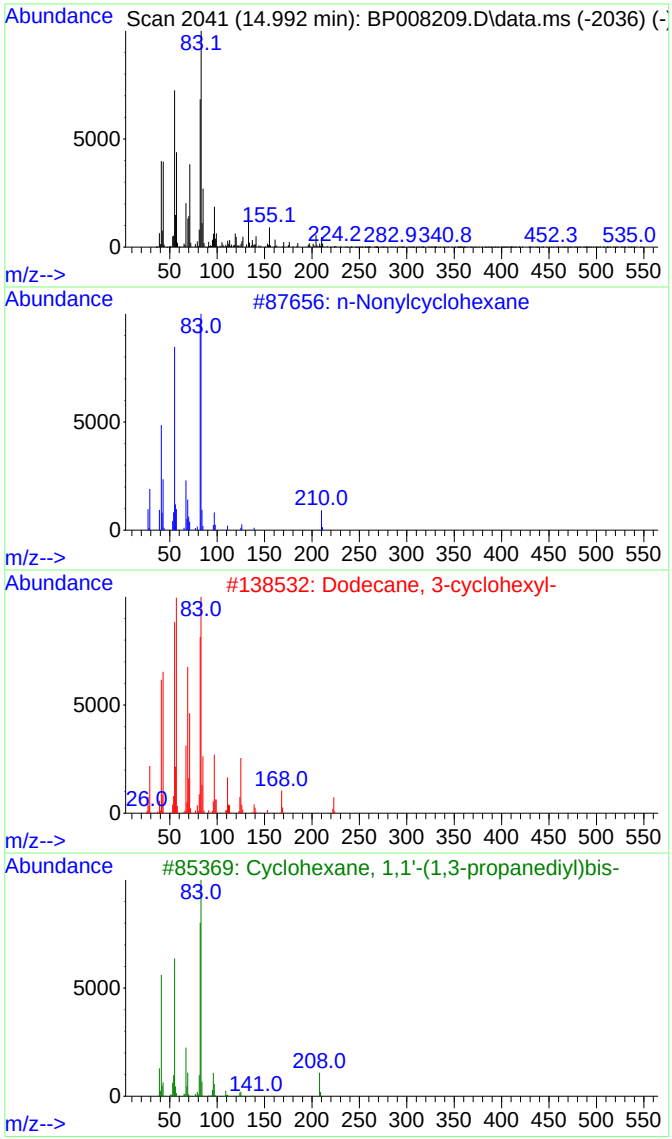
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

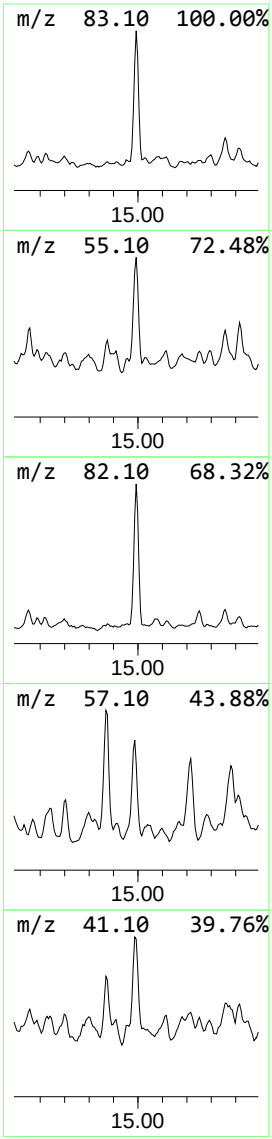
****

Peak Number 14 n-Nonylcyclohexane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.992	61.42 ng	4151500	Acenaphthene-d10	14.451

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Nonylcyclohexane	210	C15H30	002883-02-5	64
2	Dodecane, 3-cyclohexyl-	252	C18H36	013151-83-2	53
3	Cyclohexane, 1,1'-(1,3-propanedi...	208	C15H28	003178-24-3	53
4	Cyclohexane, octyl-	196	C14H28	001795-15-9	53
5	Heptylcyclohexane	182	C13H26	005617-41-4	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120321\
Data File : BP008209.D
Acq On : 03 Dec 2021 17:27
Operator : CG/JU
Sample : M4798-09
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DUP-111721

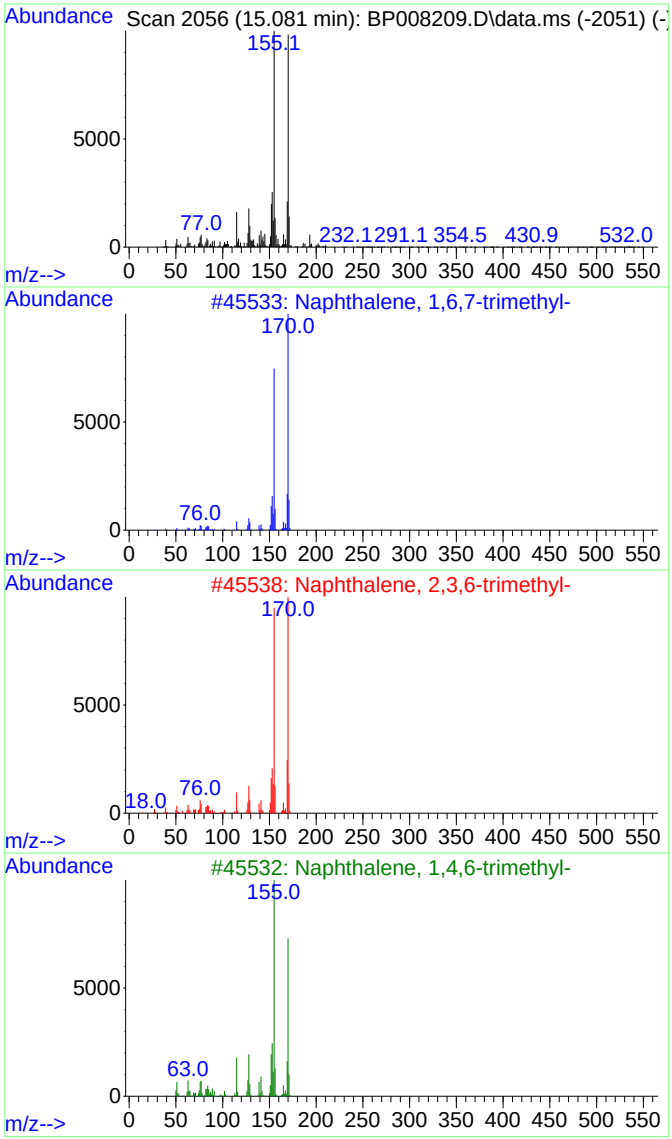
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP112521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

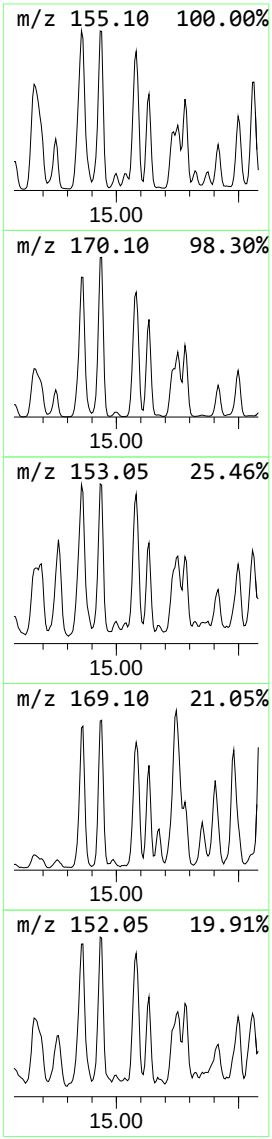
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Naphthalene, 1,6,7-trimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.081	49.08 ng	3317840	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	97
3	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96
4	1-(2,2-Dimethylcyclopropyl)-2-ph...	170	C13H14	1000294-91-1	93
5	3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120321\
Data File : BP008209.D
Acq On : 03 Dec 2021 17:27
Operator : CG/JU
Sample : M4798-09
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DUP-111721

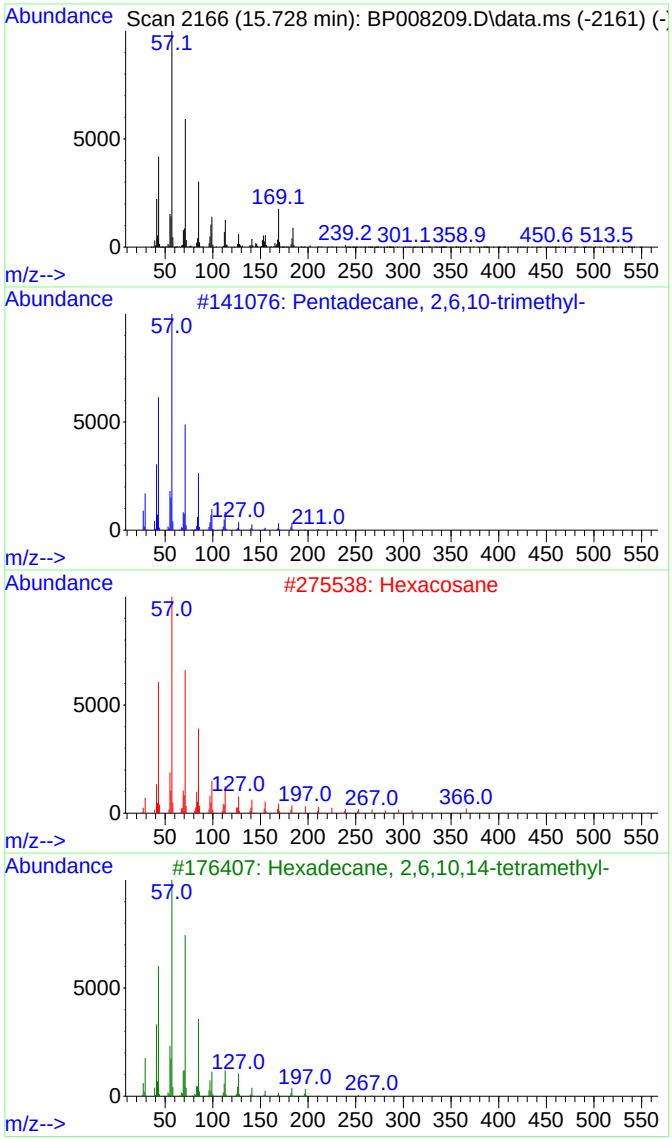
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP112521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

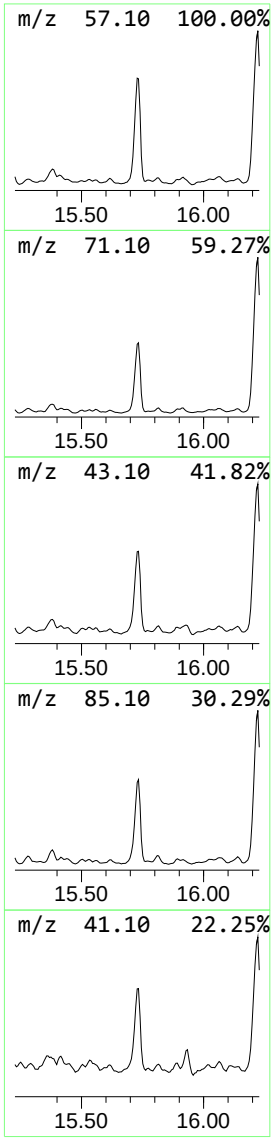
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.728	122.90 ng	8307190	Acenaphthene-d10	14.451

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	91
2	Hexacosane	366	C26H54	000630-01-3	64
3	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	62
4	Dodecane, 4,9-dipropyl-	254	C18H38	003054-63-5	60
5	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	58





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120321\
Data File : BP008209.D
Acq On : 03 Dec 2021 17:27
Operator : CG/JU
Sample : M4798-09
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DUP-111721

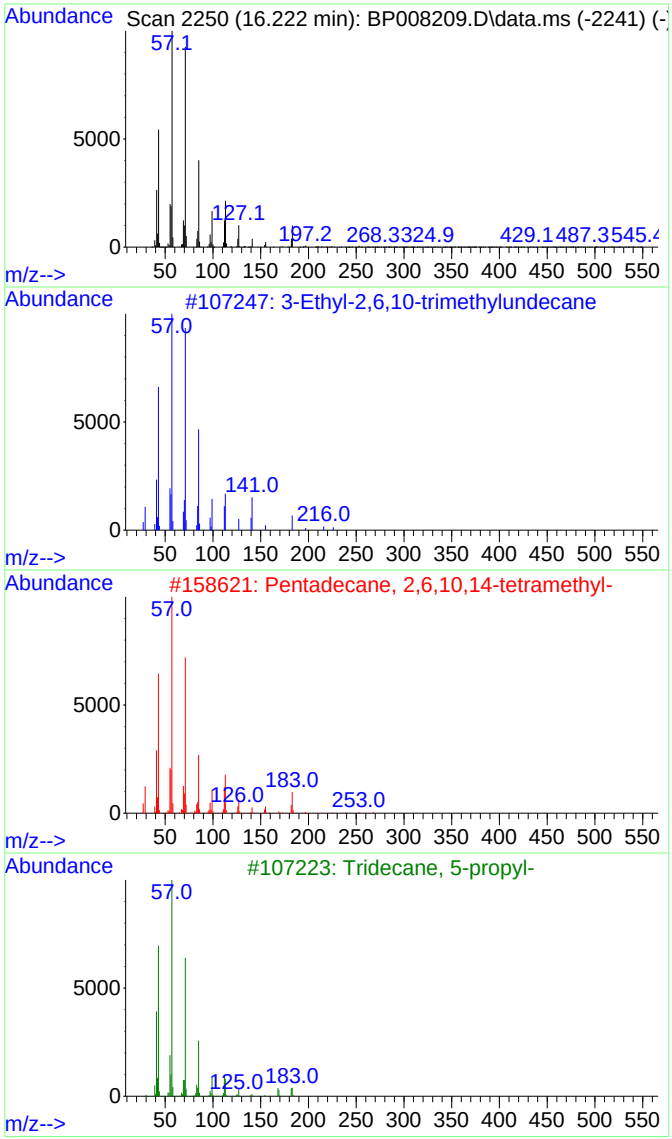
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP112521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

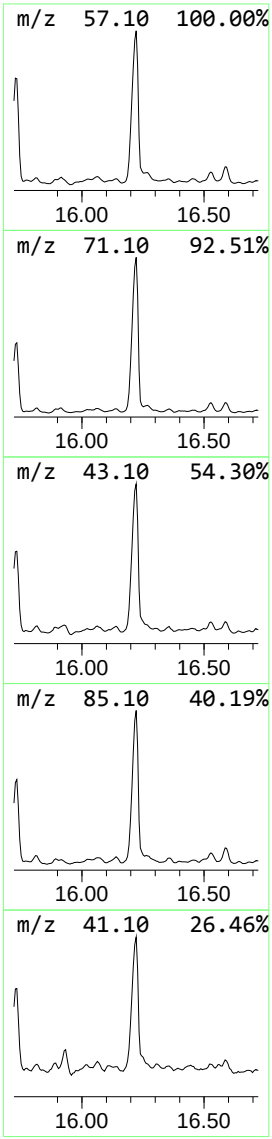
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 3-Ethyl-2,6,10-trimethylund... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.222	194.96 ng	15103400	Phenanthrene-d10	17.216

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Ethyl-2,6,10-trimethylundecane	226	C16H34	1000432-25-9	86
2	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	83
3	Tridecane, 5-propyl-	226	C16H34	055045-11-9	76
4	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	70
5	7-Methyl-octadecane	268	C19H40	1000192-63-3	70





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120321\
Data File : BP008209.D
Acq On : 03 Dec 2021 17:27
Operator : CG/JU
Sample : M4798-09
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DUP-111721

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP112521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

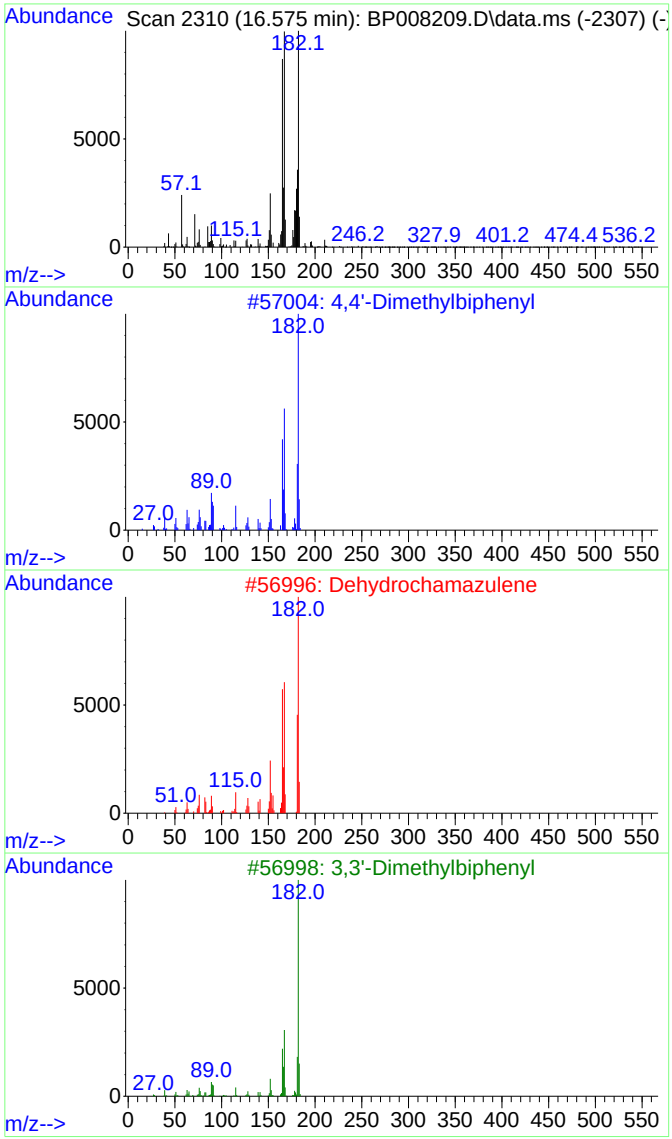
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

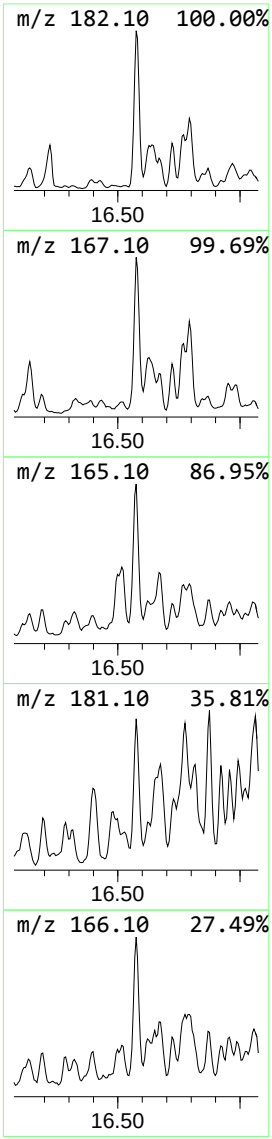
****

Peak Number 18 4,4'-Dimethylbiphenyl Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.575	23.81 ng	1844680	Phenanthrene-d10	17.216

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4,4'-Dimethylbiphenyl	182	C14H14	000613-33-2	93
2	Dehydrochamazulene	182	C14H14	321732-25-6	91
3	3,3'-Dimethylbiphenyl	182	C14H14	000612-75-9	72
4	1,4-Methanonaphthalene,1,4-dihyd...	182	C14H14	007350-72-3	70
5	1,1'-Biphenyl, 2,3'-dimethyl-	182	C14H14	000611-43-8	62





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120321\
Data File : BP008209.D
Acq On : 03 Dec 2021 17:27
Operator : CG/JU
Sample : M4798-09
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DUP-111721

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP112521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

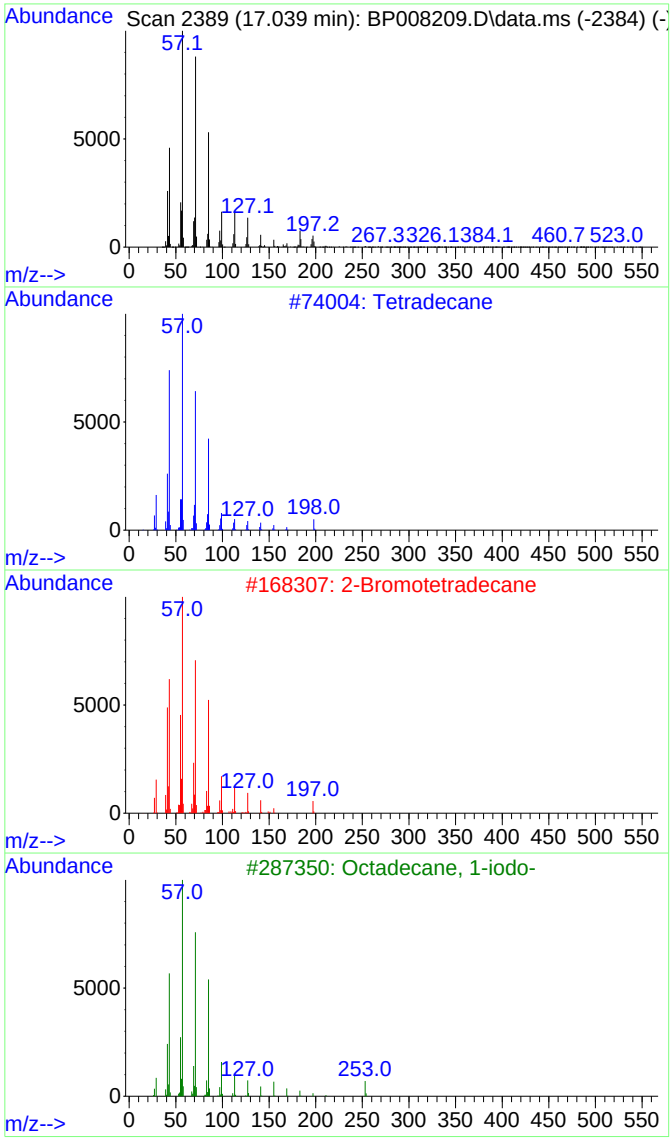
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

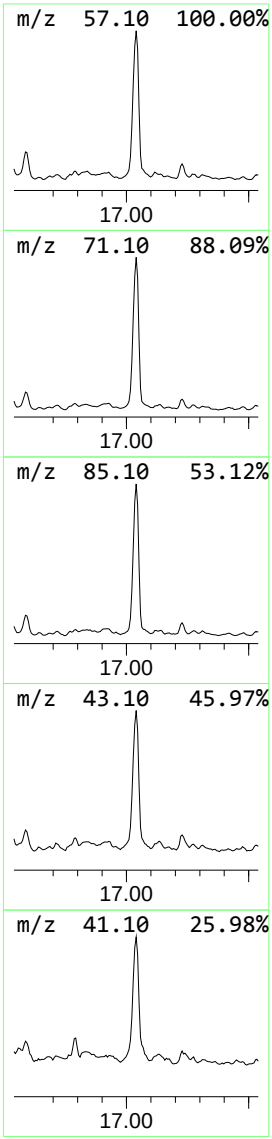
****

Peak Number 19 Tetradecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.039	120.05 ng	9300140	Phenanthrene-d10	17.216

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	87
2	2-Bromotetradecane	276	C14H29Br	074036-95-6	86
3	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	86
4	Hexadecane	226	C16H34	000544-76-3	83
5	Tridecane	184	C13H28	000629-50-5	83





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120321\
Data File : BP008209.D
Acq On : 03 Dec 2021 17:27
Operator : CG/JU
Sample : M4798-09
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DUP-111721

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP112521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

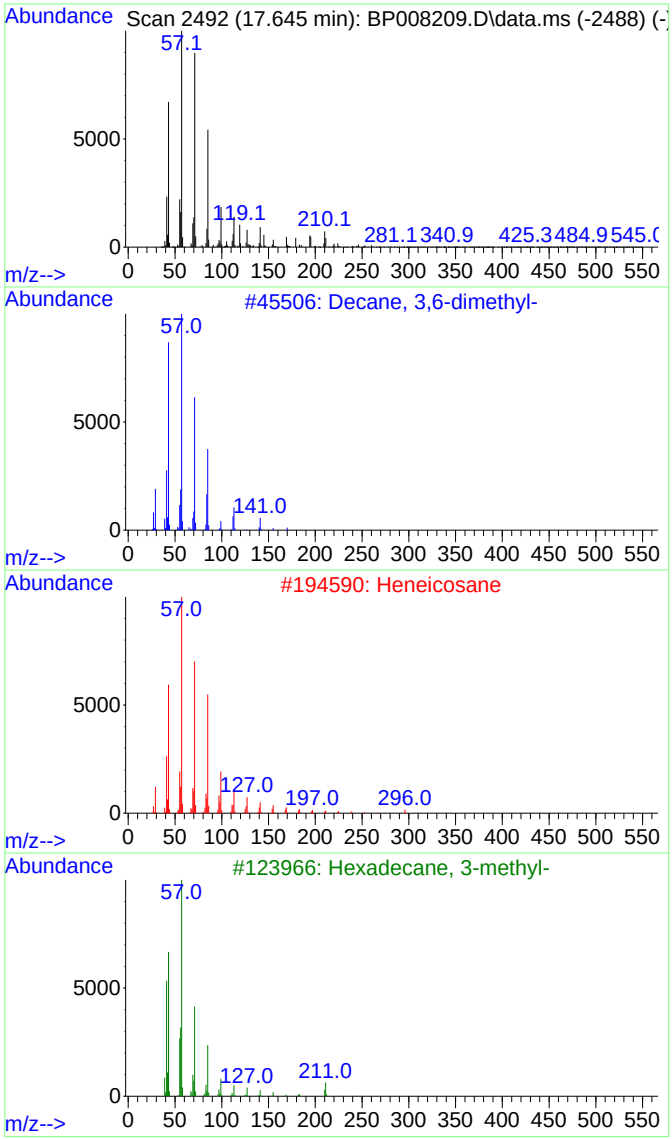
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

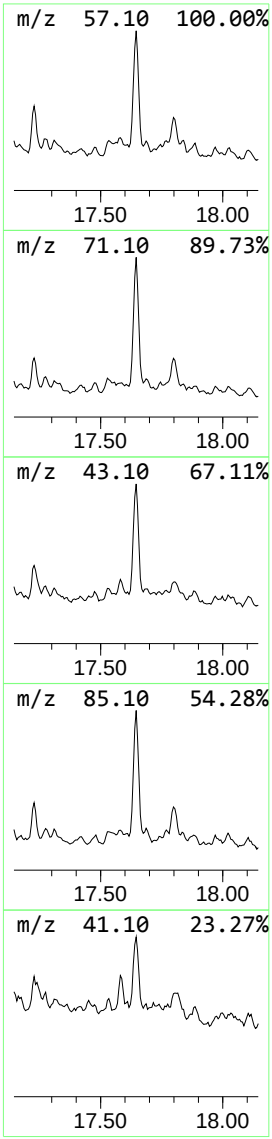
****

Peak Number 20 Decane, 3,6-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.645	33.65 ng	2606990	Phenanthrene-d10	17.216

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	87
2	Heneicosane	296	C21H44	000629-94-7	83
3	Hexadecane, 3-methyl-	240	C17H36	006418-43-5	81
4	Hexacosane	366	C26H54	000630-01-3	80
5	Hexadecane	226	C16H34	000544-76-3	80





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120321\
Data File : BP008209.D
Acq On : 03 Dec 2021 17:27
Operator : CG/JU
Sample : M4798-09
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DUP-111721

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP112521.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
Undecane, 2,6-d...	10.769	31.2	ng	3025430	2	10.593	1940870	20.0
Cyclohexane, (4...	11.304	25.7	ng	2491330	2	10.593	1940870	20.0
Octane, 2,6-dim...	11.640	65.9	ng	6398940	2	10.593	1940870	20.0
Cyclohexane, pe...	12.734	25.3	ng	1713070	3	14.451	1351890	20.0
unknown12.887	12.887	22.3	ng	1506650	3	14.451	1351890	20.0
Dodecane, 2,6,1...	12.998	91.1	ng	6158060	3	14.451	1351890	20.0
Decahydro-1,1,4...	13.234	61.9	ng	4186110	3	14.451	1351890	20.0
Naphthalene, 1,...	13.381	43.4	ng	2934950	3	14.451	1351890	20.0
Naphthalene, 1,...	13.781	28.7	ng	1938090	3	14.451	1351890	20.0
unknown13.875	13.875	38.9	ng	2629800	3	14.451	1351890	20.0
Carbonic acid, ...	13.951	108.1	ng	7305700	3	14.451	1351890	20.0
unknown14.287	14.287	53.6	ng	3625300	3	14.451	1351890	20.0
Naphthalene, 2,...	14.934	26.0	ng	1754940	3	14.451	1351890	20.0
n-Nonylcyclohexane	14.992	61.4	ng	4151500	3	14.451	1351890	20.0
Naphthalene, 1,...	15.081	49.1	ng	3317840	3	14.451	1351890	20.0
Pentadecane, 2,...	15.728	122.9	ng	8307190	3	14.451	1351890	20.0
3-Ethyl-2,6,10-...	16.222	195.0	ng	15103400	4	17.216	1549380	20.0
4,4'-Dimethylbi...	16.575	23.8	ng	1844680	4	17.216	1549380	20.0
Tetradecane	17.039	120.1	ng	9300140	4	17.216	1549380	20.0
Decane, 3,6-dim...	17.645	33.6	ng	2606990	4	17.216	1549380	20.0