LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021522\
Data File : BP009169.D
Acq On : 15 Feb 2022 23:30
Operator : CG/JU
Sample : N1518-01 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OR-02-021122

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-BP020722.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP009169.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.799	472	478	487	rVB	1072927	1647468	9.42%	0.687%
2	6.058	514	522	529	rBV3	230153	522329	2.99%	0.218%
3	6.269	552	558	565	rBV4	232755	471739	2.70%	0.197%
4	6.340	565	570	574	rBV	388605	579402	3.31%	0.242%
5	6.416	574	583	587	rBV2	387600	761817	4.36%	0.318%
6	6.675	620	627	633	rBV2	185239	477730	2.73%	0.199%
7	6.775	639	644	649	rVB2	623550	1044323	5.97%	0.436%
8	6.828	649	653	657	rBV	522263	755233	4.32%	0.315%
9	6.875	657	661	665	rVV	641996	952311	5.45%	0.397%
10	6.940	665	672	677	rVV3	835050	1666076	9.53%	0.695%
11	7.005	677	683	690	rVV2	536516	904506	5.17%	0.377%
12	7.169	705	711	718	rBV2	429907	824562	4.72%	0.344%
13	7.263	724	727	736	rVB3	320287	620735	3.55%	0.259%
14	7.410	746	752	763	rBV2	3957642	8115353	46.42%	3.385%
15	7.681	792	798	806	rBV3	380789	1086831	6.22%	0.453%
16	7.763	806	812	819	rVV2	1275704	2914051	16.67%	1.216%
17	7.846	819	826	831	rVB3	270786	711316	4.07%	0.297%
18	7.899	831	835	842	rBV2	576967	1028614	5.88%	0.429%
19	7.969	842	847	851	rVB2	488598	650760	3.72%	0.271%
20	8.063	855	863	870	rVB3	785032	1909209	10.92%	0.796%
21	8.322	895	907	912	rBV4	1365039	3972658	22.72%	1.657%
22	8.375	912	916	919	rVB	824735	1084883	6.21%	0.453%
23	8.440	919	927	932	rBV3	1470996	3773363	21.58%	1.574%
24	8.546	940	945	949	rBV	1391940	2324146	13.29%	0.969%
25	8.587	949	952	959	rVB2	573137	1397500	7.99%	0.583%
26	8.734	973	977	981	rBV	574334	1003463	5.74%	0.419%
27	8.787	982	986	993	rVB	747235	1260331	7.21%	0.526%
28	8.887	993	1003	1011	rBV2	1686994	4117193	23.55%	1.717%
29	9.016	1012	1025	1034	rVB	8123747	16261523	93.01%	6.783%
30	9.099	1034	1039	1041	rBV3	665062	1099230	6.29%	0.459%
31	9.140	1041	1046	1051	rVB4	1267646	2693319	15.41%	1.123%
32	9.222	1051	1060	1062	rBV3	694565	1552027	8.88%	0.647%
33	9.428	1089	1095	1099	rBV2	1022037	1945693	11.13%	0.812%
34	9.475	1099	1103	1106	rBV	854058	1480733	8.47%	0.618%
35	9.669	1130	1136	1139	rBV4	599955	1100652	6.30%	0.459%
36	9.710	1139	1143	1148	rVV3	923472	1452443	8.31%	0.606%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021522\
Data File : BP009169.D
Acq On : 15 Feb 2022 23:30
Operator : CG/JU
Sample : N1518-01 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OR-02-021122

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-BP020722.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	9.757	1148	1151	1155	rBV3	624519	1129264	6.46%	0.471%
38	9.863	1160	1169	1173	rVB3	1413970	3732027	21.35%	1.557%
39	9.934	1175	1181	1185	rBV2	1802373	2933785	16.78%	1.224%
40	9.981	1185	1189	1191	rBV3	1233843	1855087	10.61%	0.774%
41	10.010	1192	1194	1198	rVB2	1206166	1513460	8.66%	0.631%
42	10.116	1207	1212	1216	rBV	1414813	2327939	13.32%	0.971%
43	10.169	1217	1221	1225	rVV4	843823	1552297	8.88%	0.648%
44	10.210	1225	1228	1235	rVB	1242125	1998708	11.43%	0.834%
45	10.281	1235	1240	1244	rBV	651360	1226394	7.01%	0.512%
46	10.369	1250	1255	1259	rVB3	424593	688406	3.94%	0.287%
47	10.446	1264	1268	1271	rBV3	499501	880875	5.04%	0.367%
48	10.487	1271	1275	1280	rVV5	504008	978251	5.60%	0.408%
49	10.569	1280	1289	1296	rVB2	9198537	17482761	100.00%	7.293%
50	10.628	1296	1299	1301	rBV3	469910	647218	3.70%	0.270%
51	10.699	1307	1311	1315	rVV3	788769	1265053	7.24%	0.528%
52	10.751	1315	1320	1325	rVB	2895363	4474384	25.59%	1.866%
53	10.804	1325	1329	1337	rVV3	862315	1637192	9.36%	0.683%
54	10.875	1337	1341	1347	rVB5	589536	1076016	6.15%	0.449%
55	10.993	1352	1361	1366	rBV7	522621	1712410	9.79%	0.714%
56	11.051	1366	1371	1373	rBV	769686	1260862	7.21%	0.526%
57	11.163	1385	1390	1393	rBV3	512862	783077	4.48%	0.327%
58	11.251	1400	1405	1406	rBV3	699161	1001520	5.73%	0.418%
59	11.287	1407	1411	1415	rVV3	1151925	2078634	11.89%	0.867%
60	11.351	1419	1422	1429	rVB2	1015675	1723312	9.86%	0.719%
61	11.428	1429	1435	1441	rBV3	1640964	2933449	16.78%	1.224%
62	11.504	1442	1448	1455	rVB3	2001821	3832413	21.92%	1.599%
63	11.616	1461	1467	1471	rBV	3276593	5881672	33.64%	2.453%
64	11.693	1477	1480	1486	rVB4	634572	1150413	6.58%	0.480%
65	11.775	1489	1494	1502	rVB2	2234456	4005234	22.91%	1.671%
66	11.869	1503	1510	1515	rBV6	690575	1475211	8.44%	0.615%
67	11.916	1515	1518	1525	rBV5	261226	471551	2.70%	0.197%
68	12.016	1529	1535	1545	rVB	8090865	14136969	80.86%	5.897%
69	12.140	1551	1556	1561	rVB2	1256526	2448152	14.00%	1.021%
70	12.234	1565	1572	1581	rVB4	1282036	3429739	19.62%	1.431%
71	12.457	1606	1610	1613	rBV4	471213	858280	4.91%	0.358%
72	12.498	1613	1617	1622	rVB2	1688393	2741746	15.68%	1.144%
73	12.645	1638	1642	1646	rVV2	1074198	1689846	9.67%	0.705%
74	12.693	1646	1650	1657	rVB3	991148	2072481	11.85%	0.865%
75	12.757	1657	1661	1668	rBV5	1181212	2062020	11.79%	0.860%
76	12.828	1668	1673	1678	rVB2	1167832	1959675	11.21%	0.817%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021522\
Data File : BP009169.D
Acq On : 15 Feb 2022 23:30
Operator : CG/JU
Sample : N1518-01 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OR-02-021122

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-BP020722.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	12.916	1683	1688	1692	rBV4	1441327	2449813	14.01%	1.022%
78	12.969	1693	1697	1702	rVB3	2816645	4066252	23.26%	1.696%
79	13.263	1738	1747	1753	rBV	7150032	11771931	67.33%	4.911%
80	13.369	1758	1765	1770	rVV3	1093674	2624381	15.01%	1.095%
81	13.422	1770	1774	1778	rVB2	773621	1121118	6.41%	0.468%
82	13.722	1818	1825	1827	rBV4	322472	764660	4.37%	0.319%
83	13.892	1850	1854	1855	rBV3	851504	1103092	6.31%	0.460%
84	13.916	1855	1858	1861	rVV	1492268	1983266	11.34%	0.827%
85	13.951	1861	1864	1870	rVB2	1109892	1531827	8.76%	0.639%
86	14.028	1875	1877	1882	rVB2	682164	885924	5.07%	0.370%
87	14.334	1923	1929	1934	rBV	4835716	6790225	38.84%	2.832%
88	14.428	1937	1945	1952	rVB	1744499	3622010	20.72%	1.511%
89	14.775	2000	2004	2006	rBV4	312070	501459	2.87%	0.209%
90	14.834	2010	2014	2019	rVB3	495144	754739	4.32%	0.315%
91	14.951	2030	2034	2042	rVB5	711495	1224347	7.00%	0.511%
92	15.286	2086	2091	2095	rVB	2627688	3329947	19.05%	1.389%
93	15.692	2154	2160	2165	rVB	466766	791292	4.53%	0.330%
94	16.145	2233	2237	2253	rVB	1242377	2090775	11.96%	0.872%
95	16.945	2368	2373	2377	rBV	460548	605348	3.46%	0.253%
96	17.186	2408	2414	2430	rBV	1963310	2915827	16.68%	1.216%
97	18.969	2711	2717	2719	rBV3	278399	475602	2.72%	0.198%
98	19.745	2846	2849	2854	rVB	770354	914832	5.23%	0.382%
99	21.280	3106	3110	3122	rVB	2369595	3121847	17.86%	1.302%
100	23.674	3511	3517	3524	rVB2	1544776	3017114	17.26%	1.259%

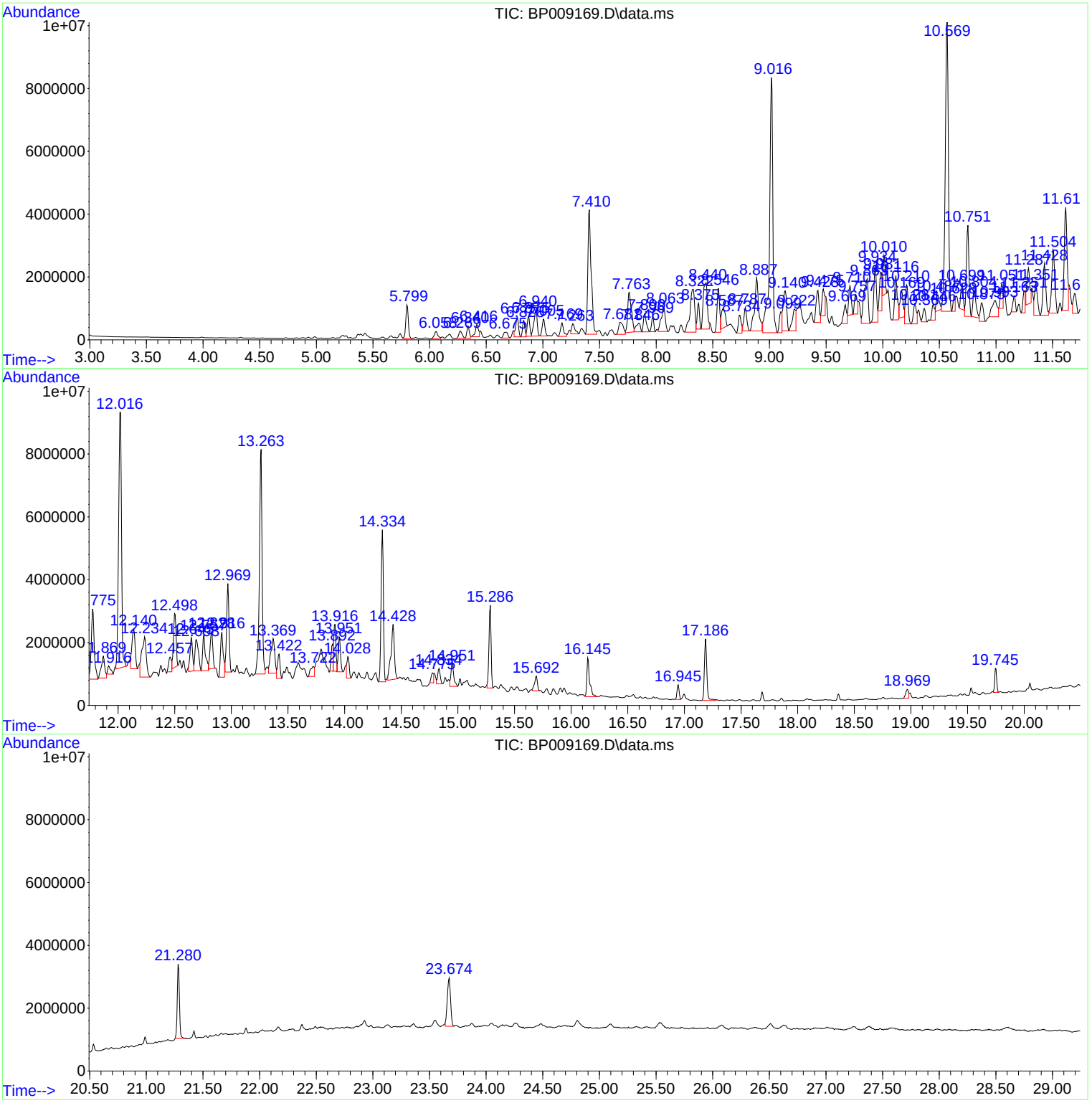
Sum of corrected areas: 239728933

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021522\
Data File : BP009169.D
Acq On : 15 Feb 2022 23:30
Operator : CG/JU
Sample : N1518-01 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OR-02-021122

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.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\BP021522\
Data File : BP009169.D
Acq On : 15 Feb 2022 23:30
Operator : CG/JU
Sample : N1518-01 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OR-02-021122

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

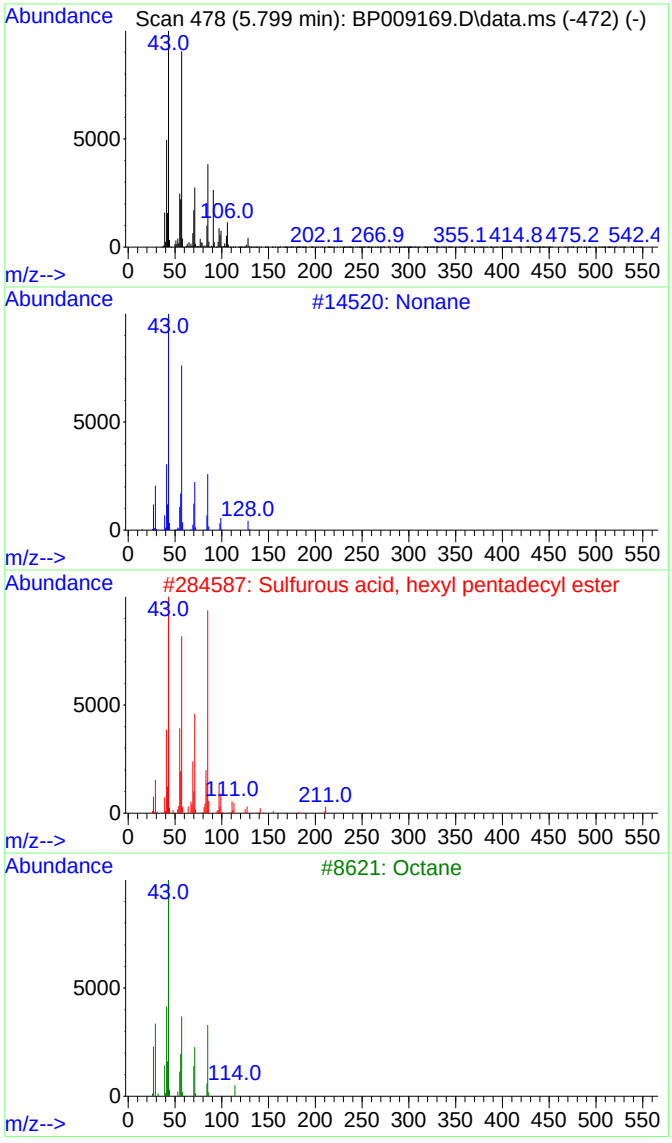
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

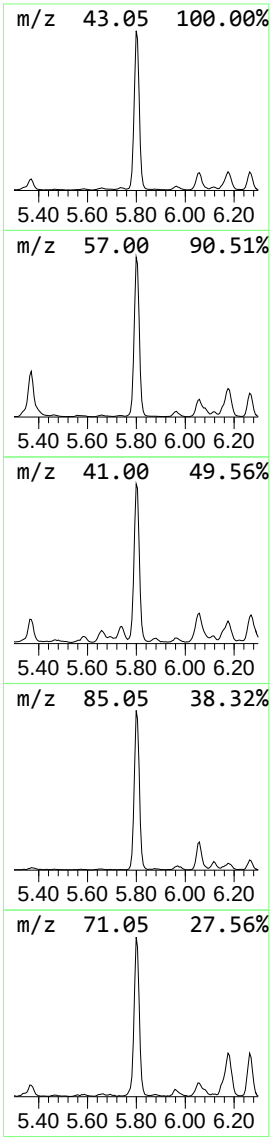
****

Peak Number 1 Nonane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.799	11.31 ng	1647470	1,4-Dichlorobenzene-d4	7.787

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane	128	C9H20	000111-84-2	95
2	Sulfurous acid, hexyl pentadecyl...	376	C21H44O3S	1000309-13-7	64
3	Octane	114	C8H18	000111-65-9	58
4	2-Nonanol, trimethylacetate	228	C14H28O2	1000463-21-6	53
5	4,4-Dimethyl octane	142	C10H22	015869-95-1	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021522\
Data File : BP009169.D
Acq On : 15 Feb 2022 23:30
Operator : CG/JU
Sample : N1518-01 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OR-02-021122

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

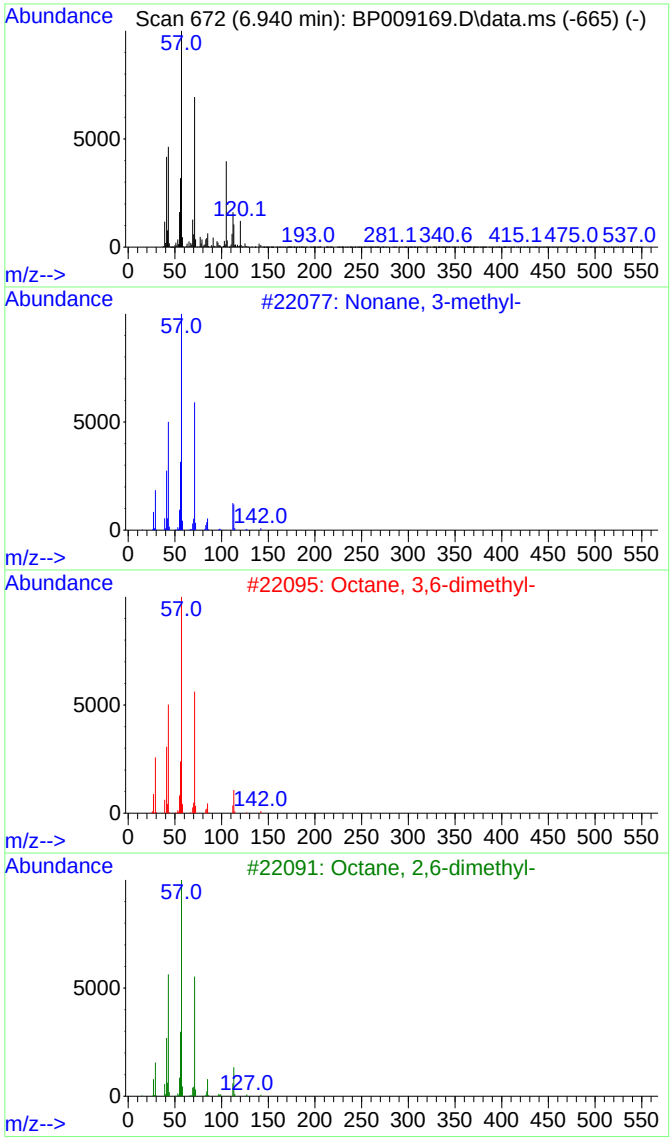
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

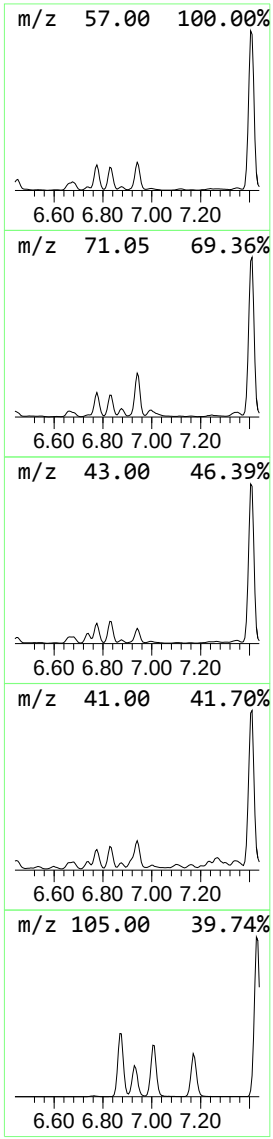
****

Peak Number 2 Nonane, 3-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.940	11.43 ng	1666080	1,4-Dichlorobenzene-d4	7.787

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 3-methyl-	142	C10H22	005911-04-6	94
2	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	70
3	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	64
4	Octane, 1,1'-oxybis-	242	C16H34O	000629-82-3	53
5	Sulfurous acid, butyl octyl ester	250	C12H26O3S	1000309-17-5	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021522\
Data File : BP009169.D
Acq On : 15 Feb 2022 23:30
Operator : CG/JU
Sample : N1518-01 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OR-02-021122

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.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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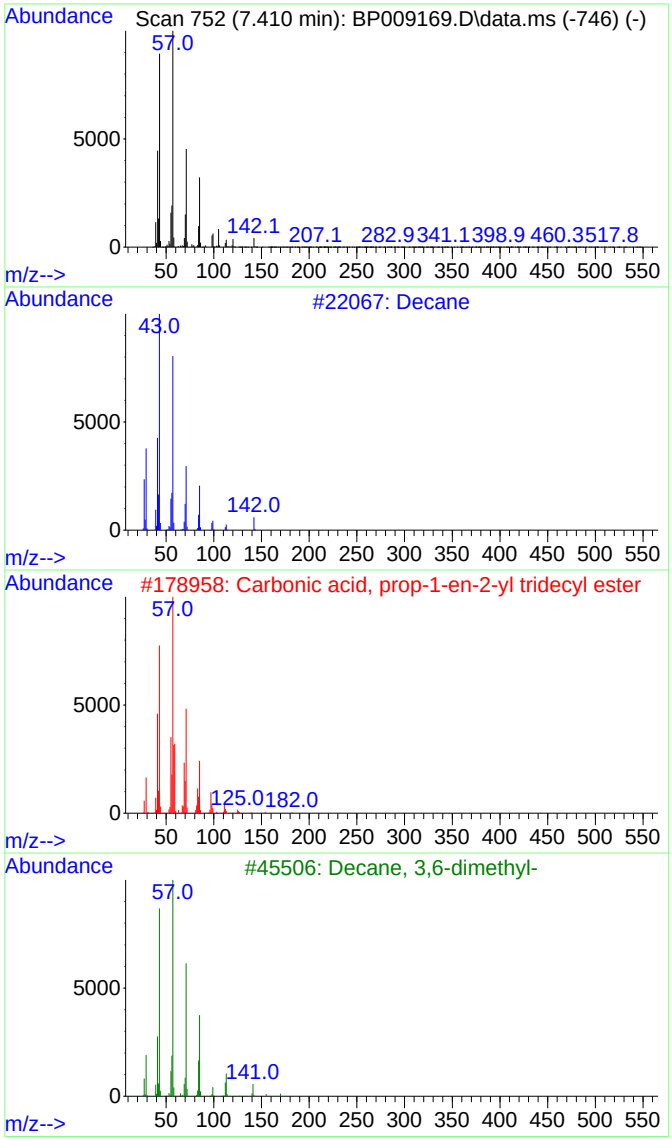
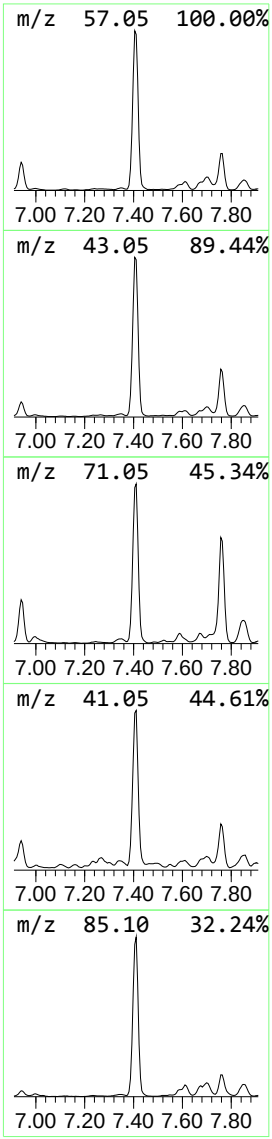
Peak Number 3 Decane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.410	55.70 ng	8115350	1,4-Dichlorobenzene-d4	7.787

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane	142	C10H22	000124-18-5	95
2	Carbonic acid, prop-1-en-2-yl tr...	284	C17H32O3	1000382-90-8	80
3	Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	72
4	Undecane	156	C11H24	001120-21-4	72
5	Nonane	128	C9H20	000111-84-2	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021522\
Data File : BP009169.D
Acq On : 15 Feb 2022 23:30
Operator : CG/JU
Sample : N1518-01 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OR-02-021122

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

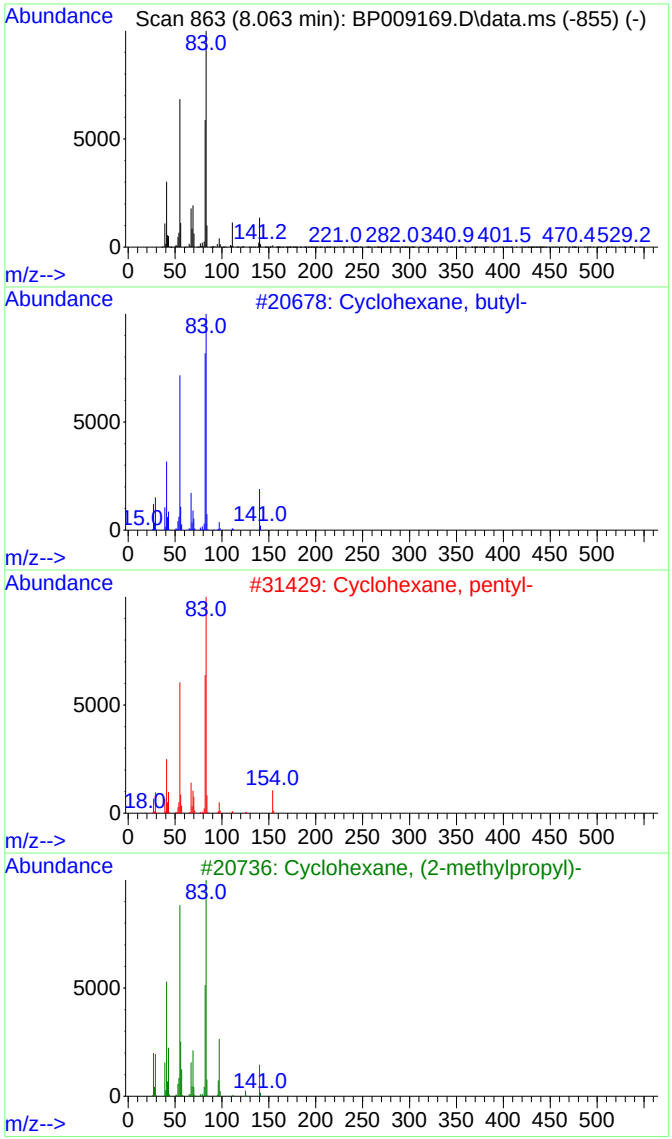
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

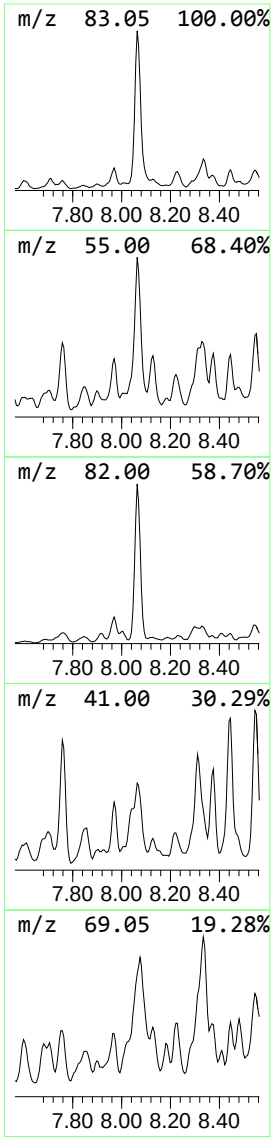
****

Peak Number 4 Cyclohexane, butyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.063	13.10 ng	1909210	1,4-Dichlorobenzene-d4	7.787

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, butyl-	140	C10H20	001678-93-9	91
2	Cyclohexane, pentyl-	154	C11H22	004292-92-6	87
3	Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	80
4	Cyclohexane, propyl-	126	C9H18	001678-92-8	72
5	Cyclohexane, decyl-	224	C16H32	001795-16-0	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021522\
Data File : BP009169.D
Acq On : 15 Feb 2022 23:30
Operator : CG/JU
Sample : N1518-01 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OR-02-021122

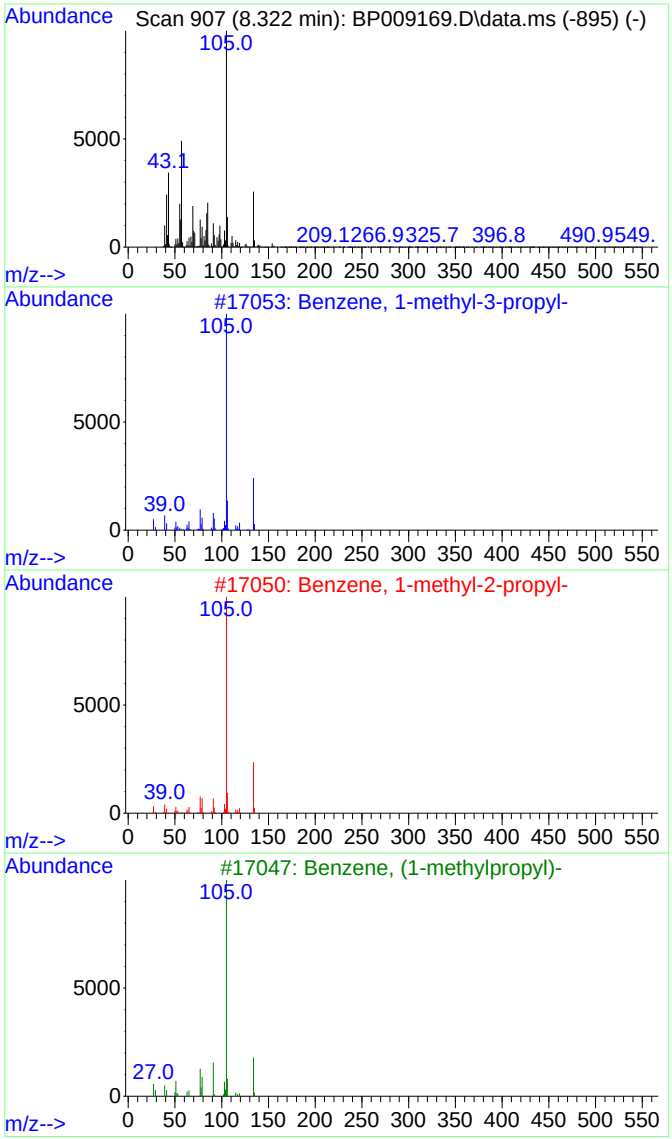
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

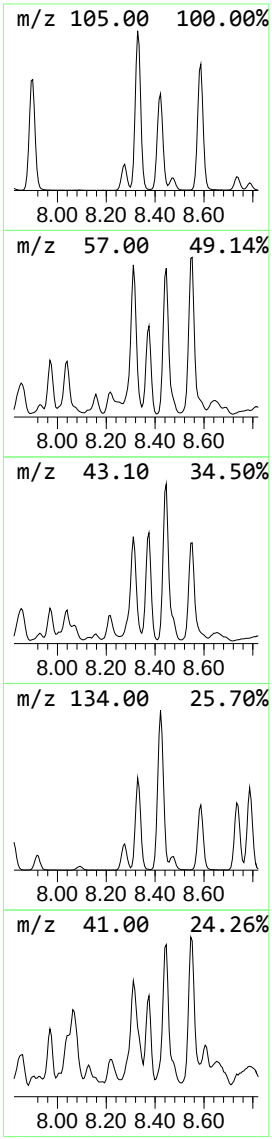
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Benzene, 1-methyl-3-propyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.322	27.27 ng	3972660	1,4-Dichlorobenzene-d4	7.787

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	50
2	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	50
3	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	50
4	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	50
5	Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	45





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Data File : BP009169.D
Acq On : 15 Feb 2022 23:30
Operator : CG/JU
Sample : N1518-01 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OR-02-021122

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.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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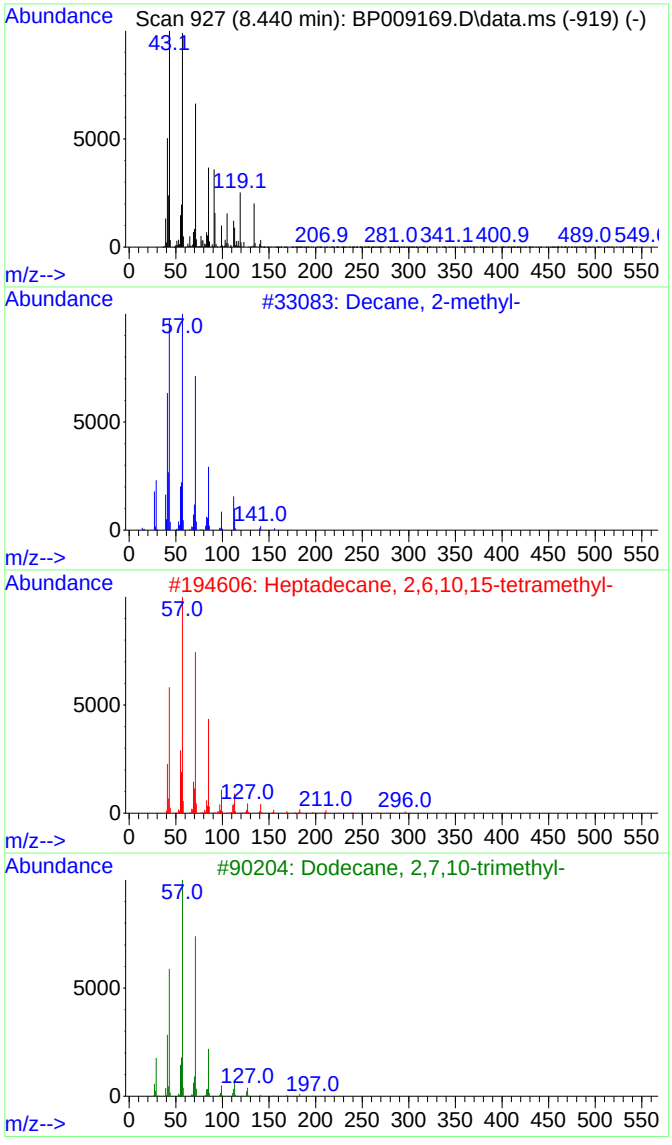
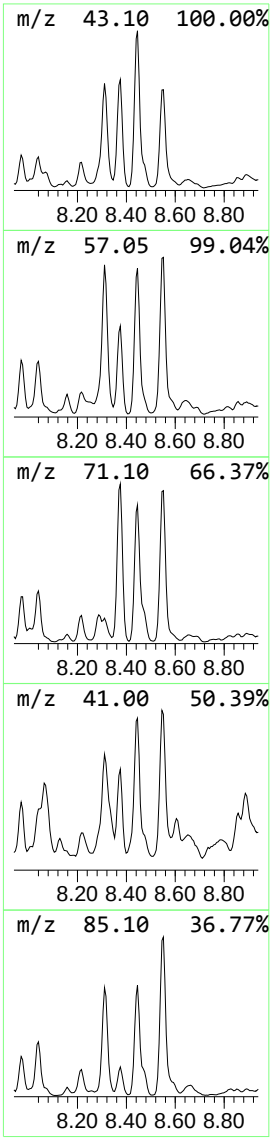
Peak Number 6 Decane, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.440	25.90 ng	3773360	1,4-Dichlorobenzene-d4	7.787

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 2-methyl-	156	C11H24	006975-98-0	70
2	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	50
3	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	50
4	Undecane, 2-methyl-	170	C12H26	007045-71-8	47
5	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	46





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Acq On : 15 Feb 2022 23:30
Operator : CG/JU
Sample : N1518-01 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OR-02-021122

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.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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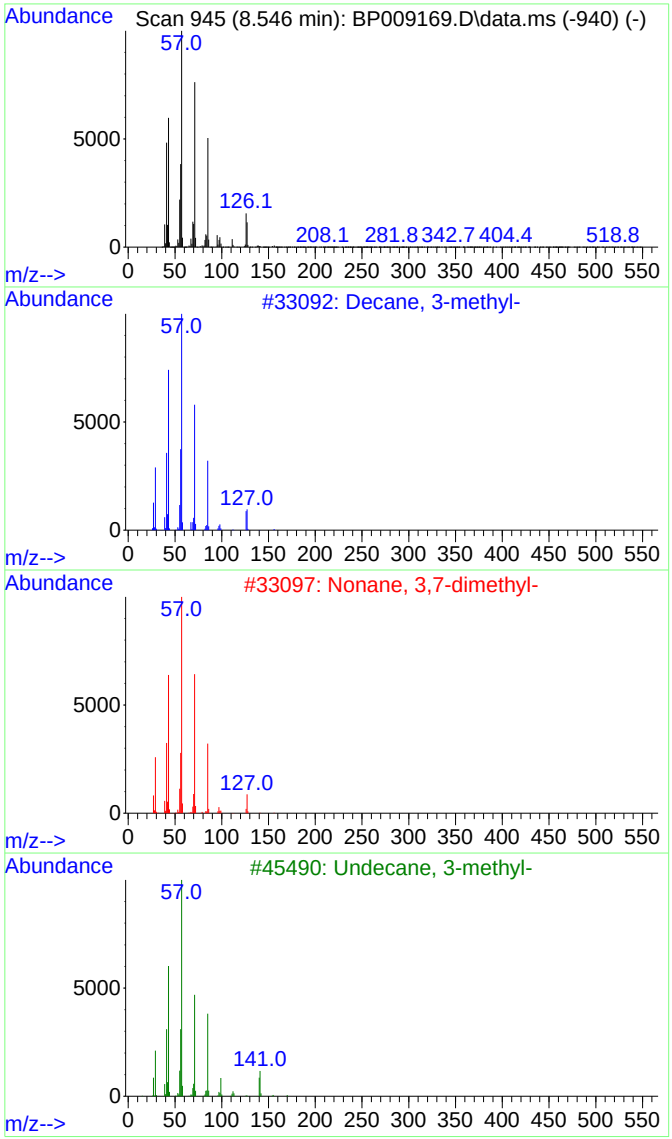
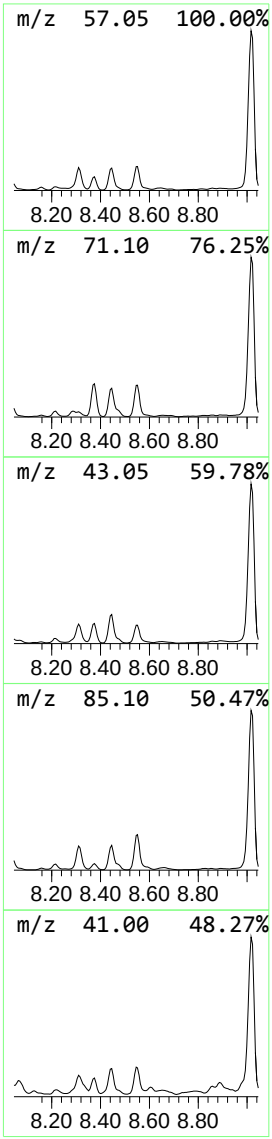
Peak Number 7 Decane, 3-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.546	15.95 ng	2324150	1,4-Dichlorobenzene-d4	7.787

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 3-methyl-	156	C11H24	013151-34-3	94
2	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	83
3	Undecane, 3-methyl-	170	C12H26	001002-43-3	72
4	Heptadecane, 8-methyl-	254	C18H38	013287-23-5	64
5	Nonane, 4,5-dimethyl-	156	C11H24	017302-23-7	53





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Acq On : 15 Feb 2022 23:30
Operator : CG/JU
Sample : N1518-01 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OR-02-021122

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.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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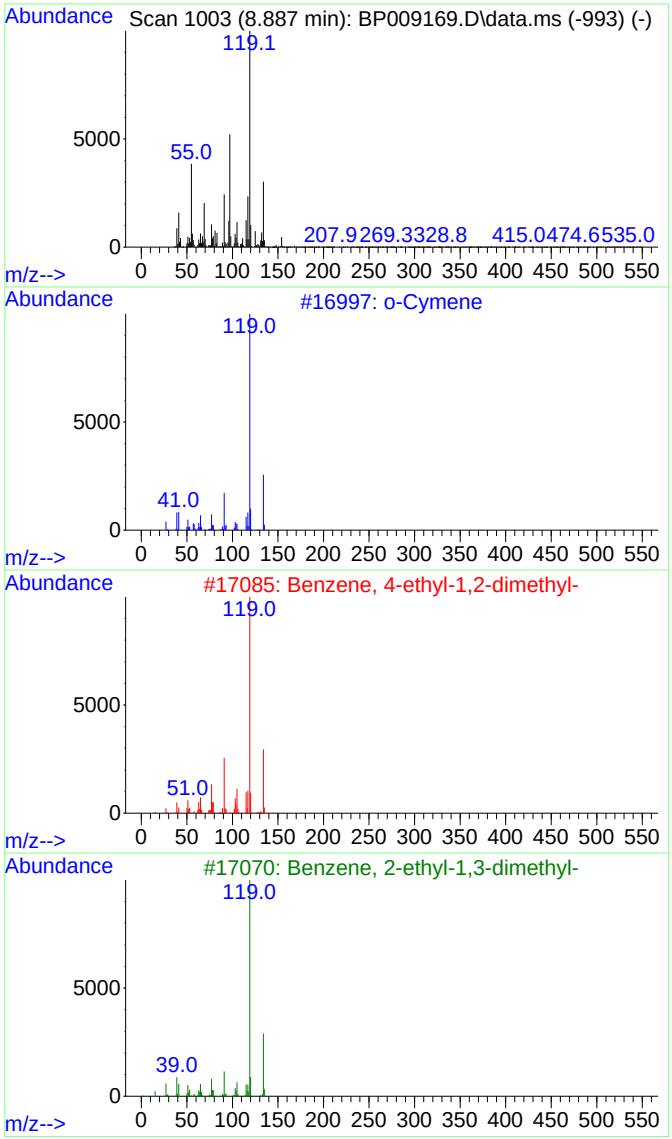
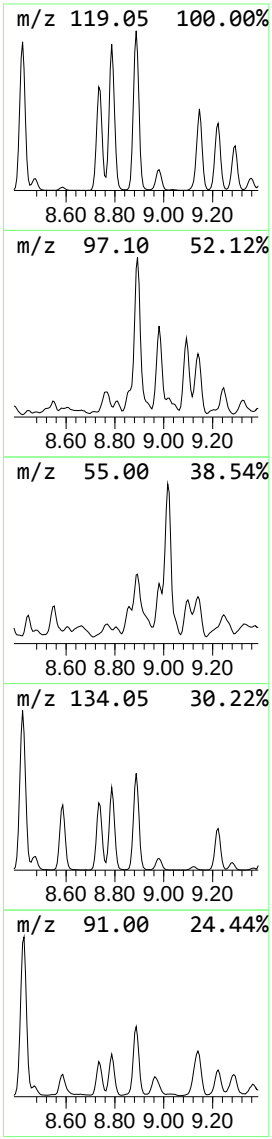
Peak Number 8 o-Cymene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.887	28.26 ng	4117190	1,4-Dichlorobenzene-d4	7.787

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	91
2	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	90
3	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	90
4	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	70
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	70





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Data File : BP009169.D
Acq On : 15 Feb 2022 23:30
Operator : CG/JU
Sample : N1518-01 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OR-02-021122

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.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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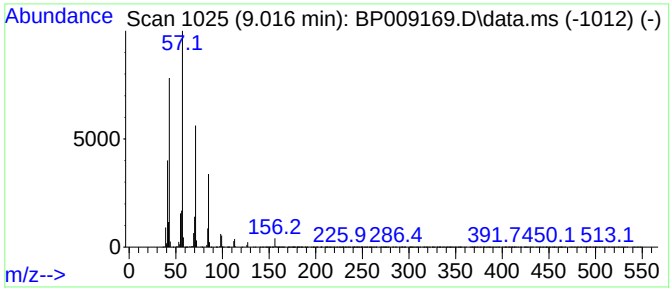
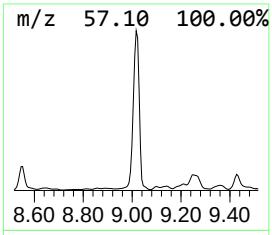
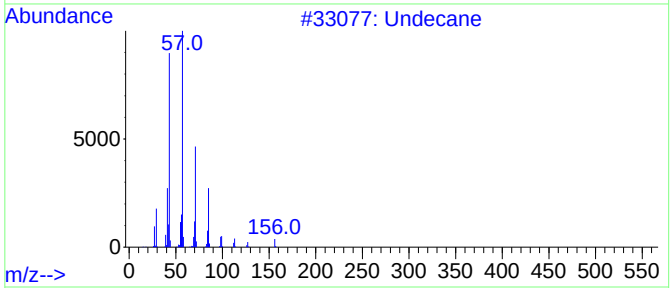
Peak Number 9 Undecane Concentration Rank 1

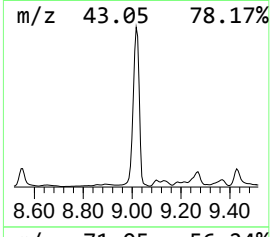
R.T.	EstConc	Area	Relative to ISTD	R.T.
9.016	111.61 ng	16261500	1,4-Dichlorobenzene-d4	7.787

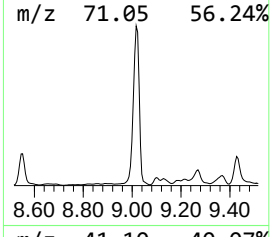
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane	156	C11H24	001120-21-4	97
2	Decane	142	C10H22	000124-18-5	90
3	Hexadecane	226	C16H34	000544-76-3	86
4	Carbonic acid, prop-1-en-2-yl tr...	284	C17H32O3	1000382-90-8	86
5	Tridecane	184	C13H28	000629-50-5	83

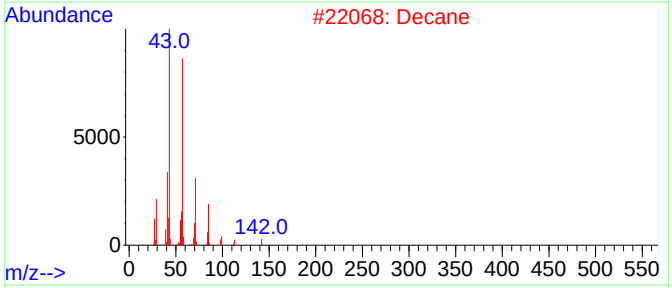


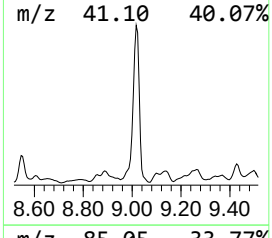


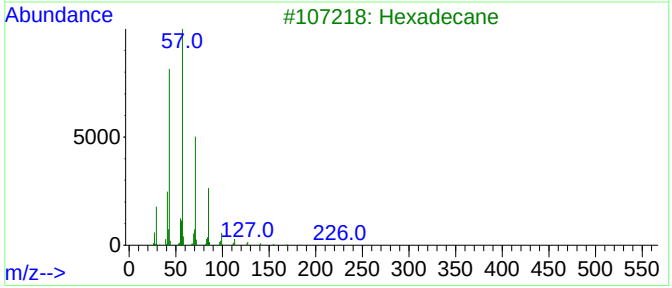


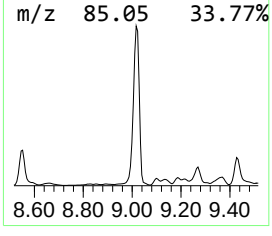












Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021522\
Data File : BP009169.D
Acq On : 15 Feb 2022 23:30
Operator : CG/JU
Sample : N1518-01 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OR-02-021122

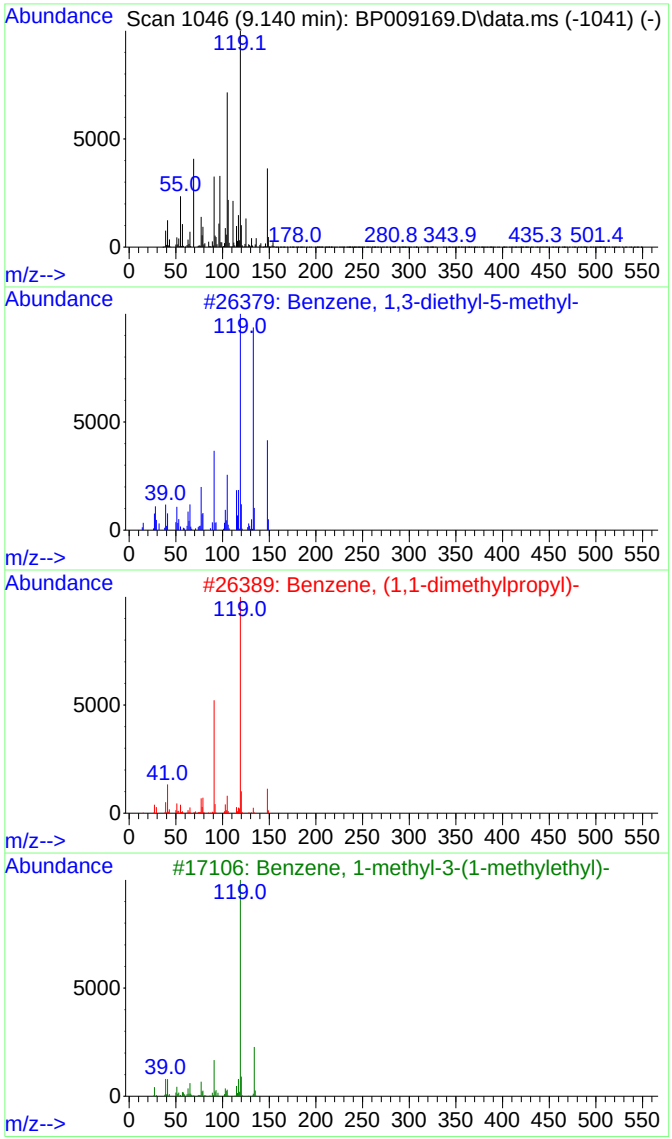
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

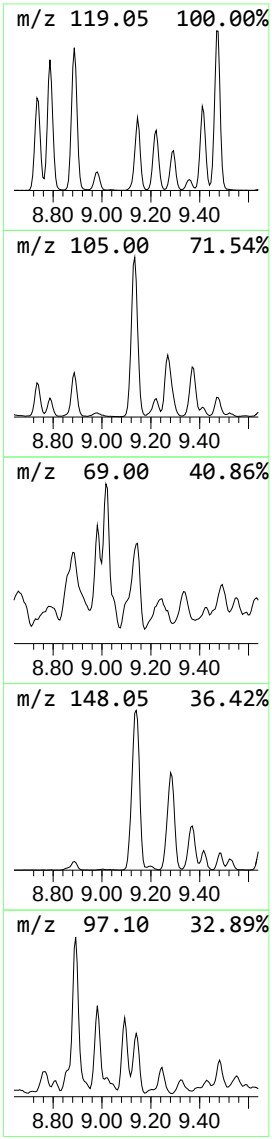
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Benzene, 1,3-diethyl-5-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.140	18.49 ng	2693320	1,4-Dichlorobenzene-d4	7.787

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	60
2	Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	49
3	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	38
4	1,3,5-Cycloheptatriene, 3,7,7-tr...	134	C10H14	003479-89-8	38
5	Diglycolic acid, 2-acetylphenyl ...	434	C25H38O6	1000382-72-9	38





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Data File : BP009169.D
Acq On : 15 Feb 2022 23:30
Operator : CG/JU
Sample : N1518-01 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OR-02-021122

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.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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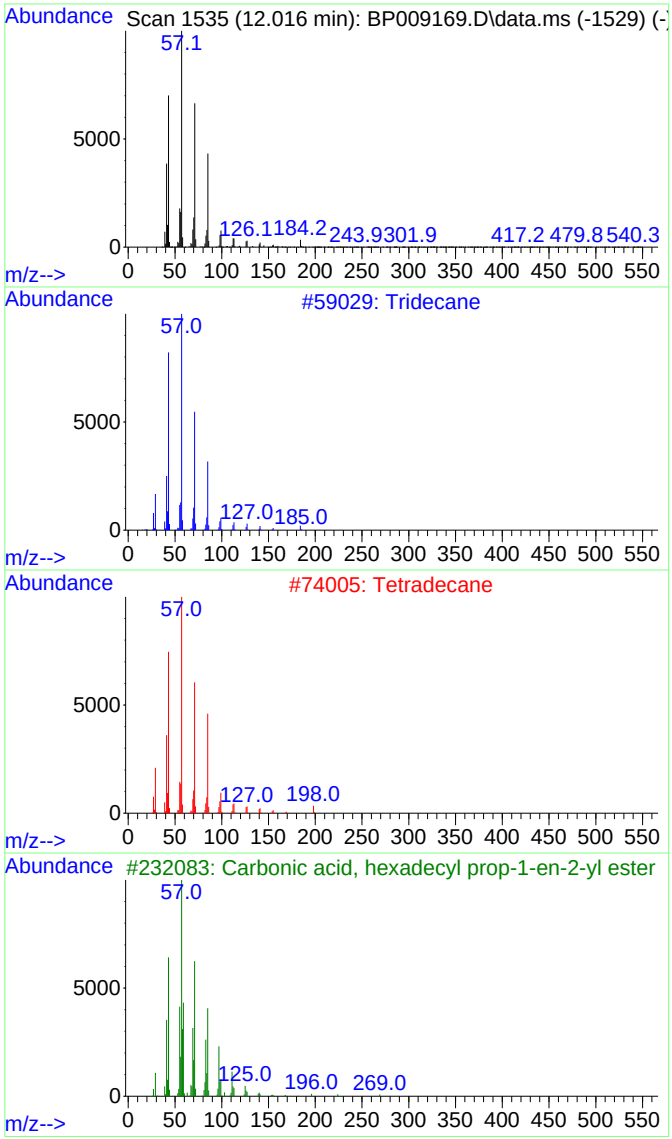
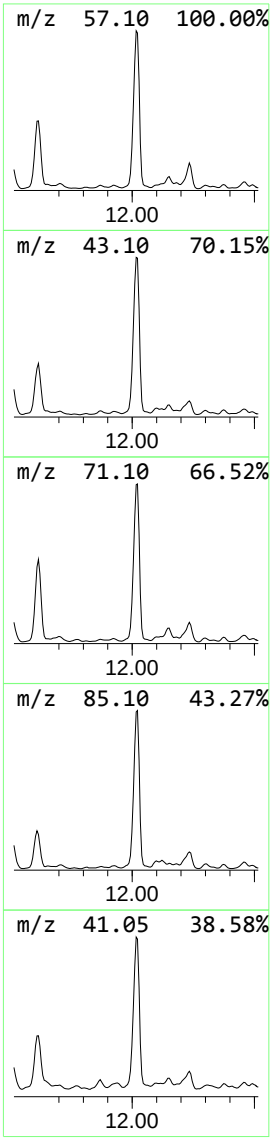
Peak Number 11 Tridecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.016	16.17 ng	14137000	Naphthalene-d8	10.581

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	94
2	Tetradecane	198	C14H30	000629-59-4	90
3	Carbonic acid, hexadecyl prop-1-...	326	C20H38O3	1000382-90-3	90
4	Carbonic acid, octadecyl prop-1-...	354	C22H42O3	1000383-11-5	90
5	Dodecane	170	C12H26	000112-40-3	90





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Sample : N1518-01 5X
Misc :
ALS Vial : 20 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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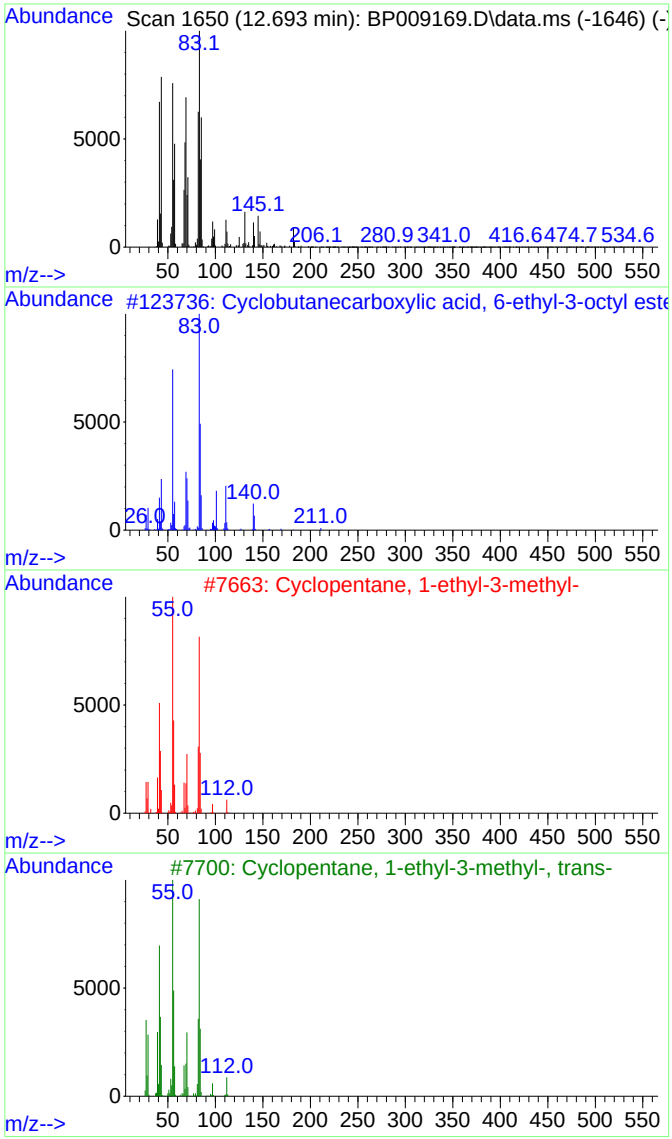
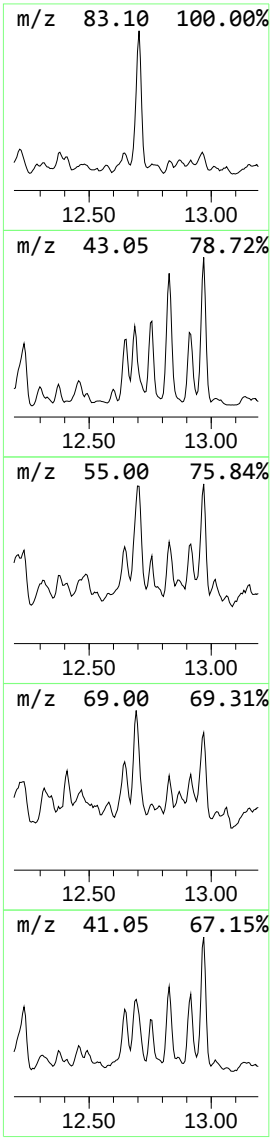
Peak Number 12 unknown12.693 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.693	11.44 ng	2072480	Acenaphthene-d10	14.428

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclobutanecarboxylic acid, 6-et...	240	C15H28O2	1000282-61-1	38
2	Cyclopentane, 1-ethyl-3-methyl-	112	C8H16	003726-47-4	38
3	Cyclopentane, 1-ethyl-3-methyl-,...	112	C8H16	002613-65-2	38
4	Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	38
5	N-(Piperidin-3-yl)acetamide	142	C7H14N2O	005810-55-9	38





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Sample : N1518-01 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OR-02-021122

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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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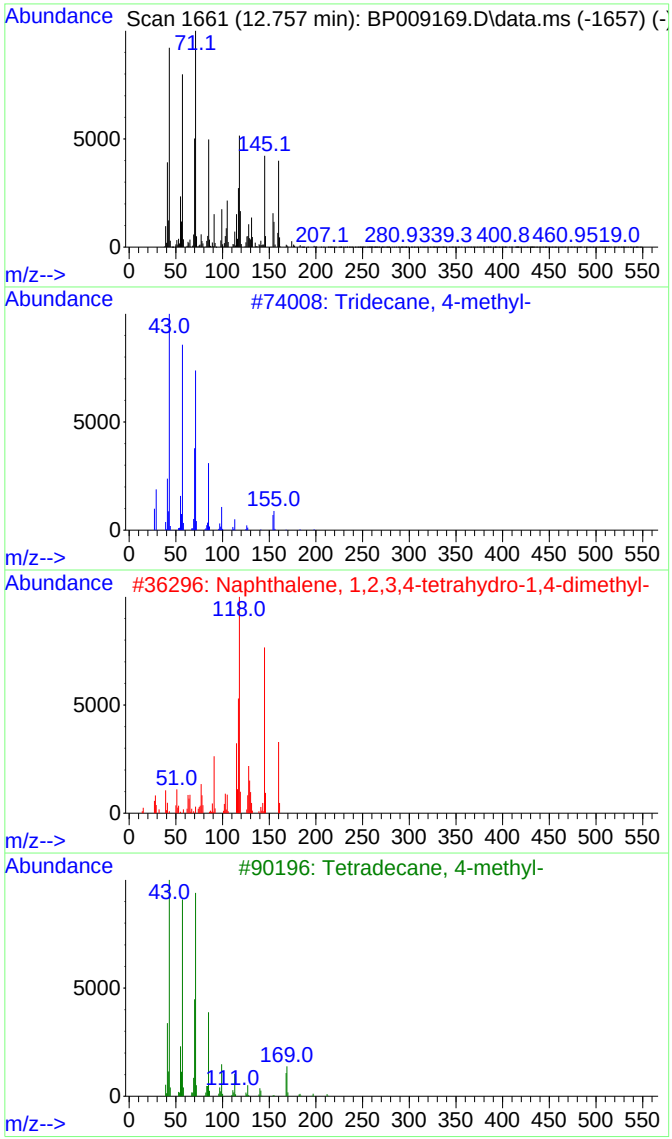
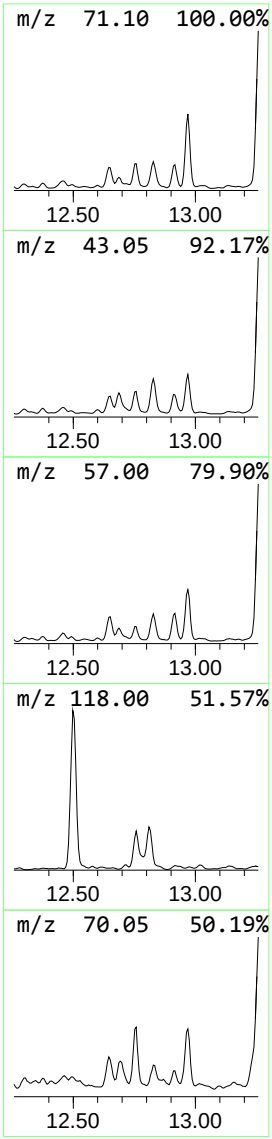
Peak Number 13 Tridecane, 4-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.757	11.39 ng	2062020	Acenaphthene-d10	14.428

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 4-methyl-	198	C14H30	026730-12-1	70
2	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	42
3	Tetradecane, 4-methyl-	212	C15H32	025117-24-2	38
4	Decane, 4-methyl-	156	C11H24	002847-72-5	35
5	Dodecane, 4-methyl-	184	C13H28	006117-97-1	35





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Sample : N1518-01 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OR-02-021122

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.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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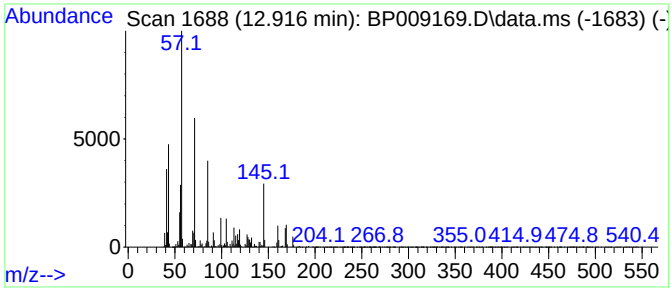
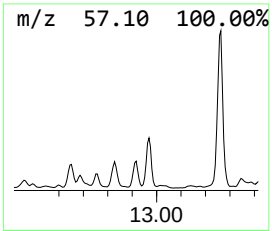
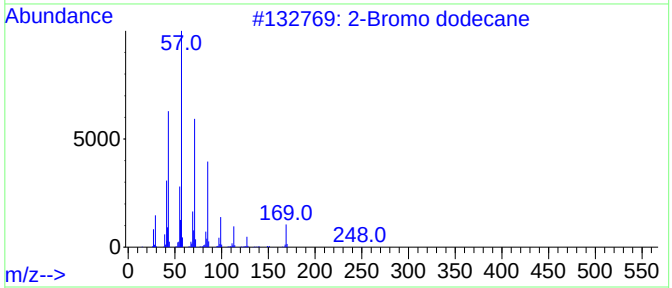
Peak Number 14 2-Bromo dodecane Concentration Rank 14

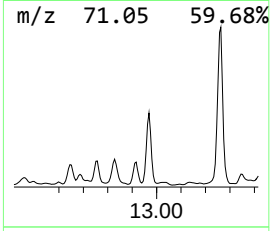
R.T.	EstConc	Area	Relative to ISTD	R.T.
12.916	13.53 ng	2449810	Acenaphthene-d10	14.428

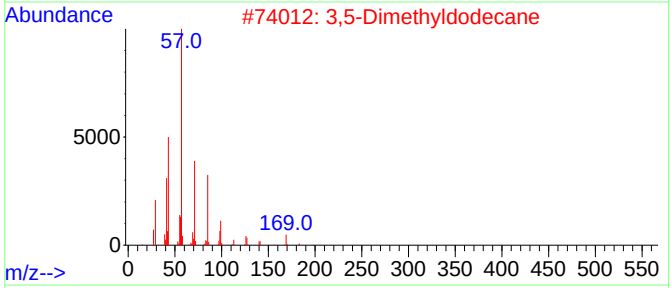
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Bromo dodecane	248	C12H25Br	013187-99-0	64
2	3,5-Dimethyldodecane	198	C14H30	107770-99-0	60
3	Sulfurous acid, butyl tridecyl e...	320	C17H36O3S	1000309-18-0	53
4	Dodecane, 3-methyl-	184	C13H28	017312-57-1	53
5	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	52

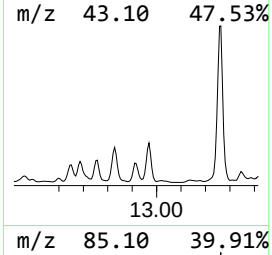


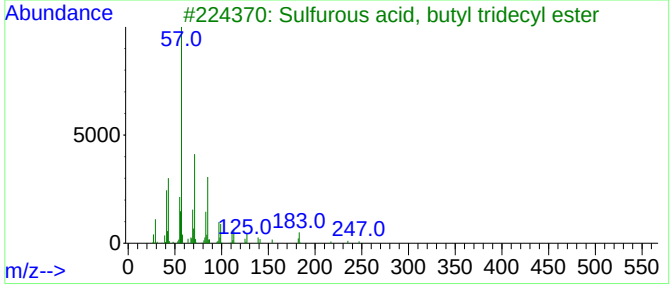


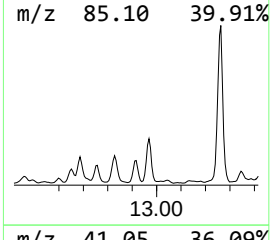


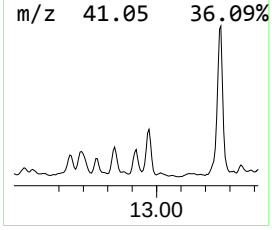












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Data File : BP009169.D
Acq On : 15 Feb 2022 23:30
Operator : CG/JU
Sample : N1518-01 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OR-02-021122

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

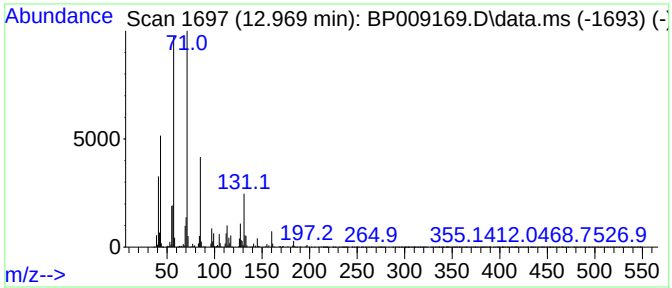
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

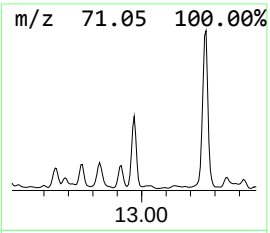
****

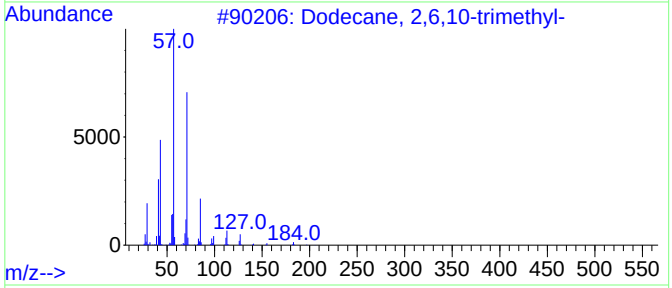
Peak Number 15 Dodecane, 2,6,10-trimethyl- Concentration Rank 7

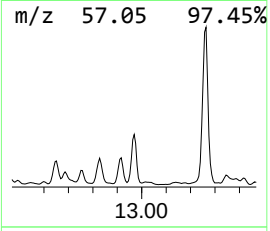
R.T.	EstConc	Area	Relative to ISTD	R.T.
12.969	22.45 ng	4066250	Acenaphthene-d10	14.428

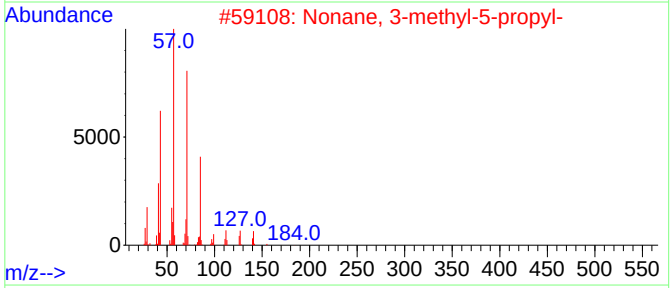
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	64
2	Nonane, 3-methyl-5-propyl-	184	C13H28	031081-18-2	59
3	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	58
4	Decane, 5-propyl-	184	C13H28	017312-62-8	58
5	Decane, 3-methyl-	156	C11H24	013151-34-3	58

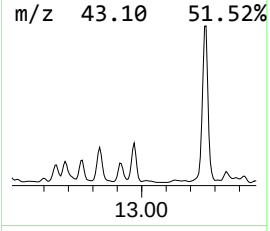


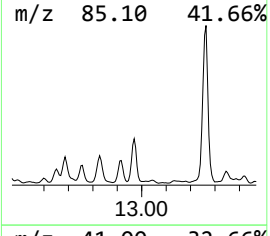


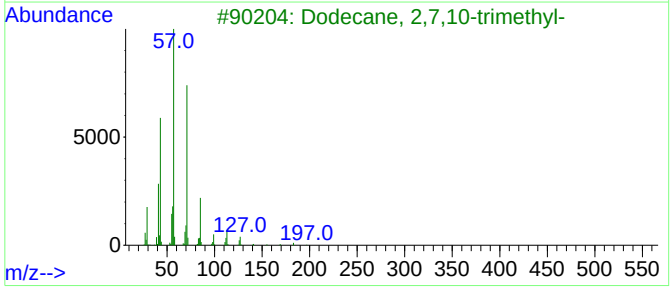


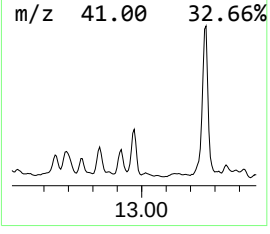












Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021522\
Data File : BP009169.D
Acq On : 15 Feb 2022 23:30
Operator : CG/JU
Sample : N1518-01 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OR-02-021122

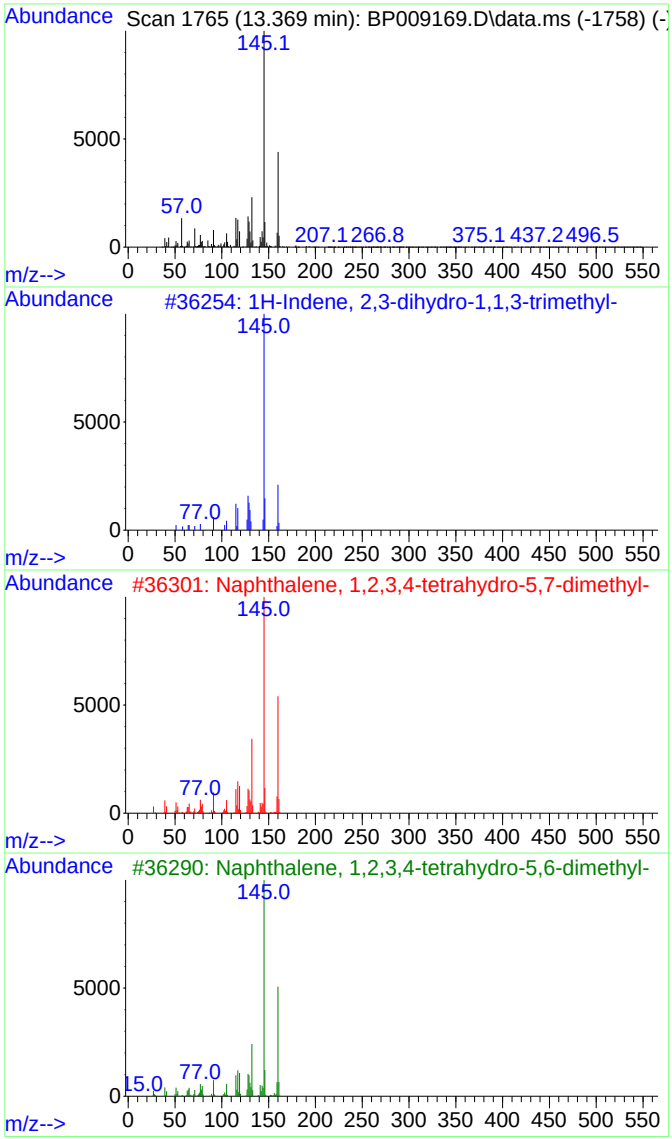
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

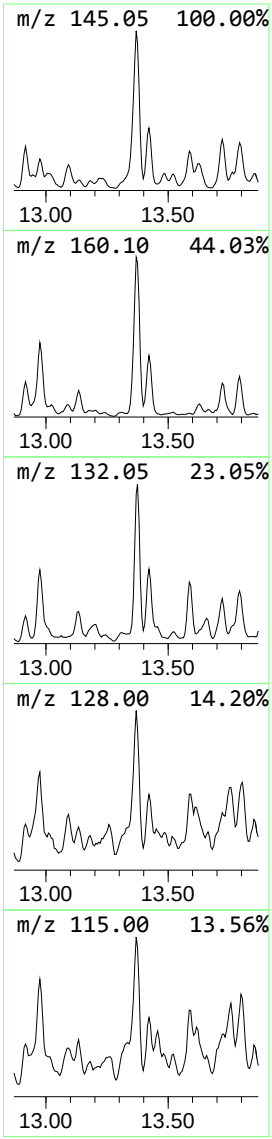
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 1H-Indene, 2,3-dihydro-1,1,... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.369	14.49 ng	2624380	Acenaphthene-d10	14.428

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,1,3-tri...	160	C12H16	002613-76-5	95
2	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021693-54-9	94
3	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	020027-77-4	94
4	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	001076-61-5	94
5	Benzene, 1-(2-butenyl)-2,3-dimet...	160	C12H16	054340-85-1	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021522\
Data File : BP009169.D
Acq On : 15 Feb 2022 23:30
Operator : CG/JU
Sample : N1518-01 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OR-02-021122

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.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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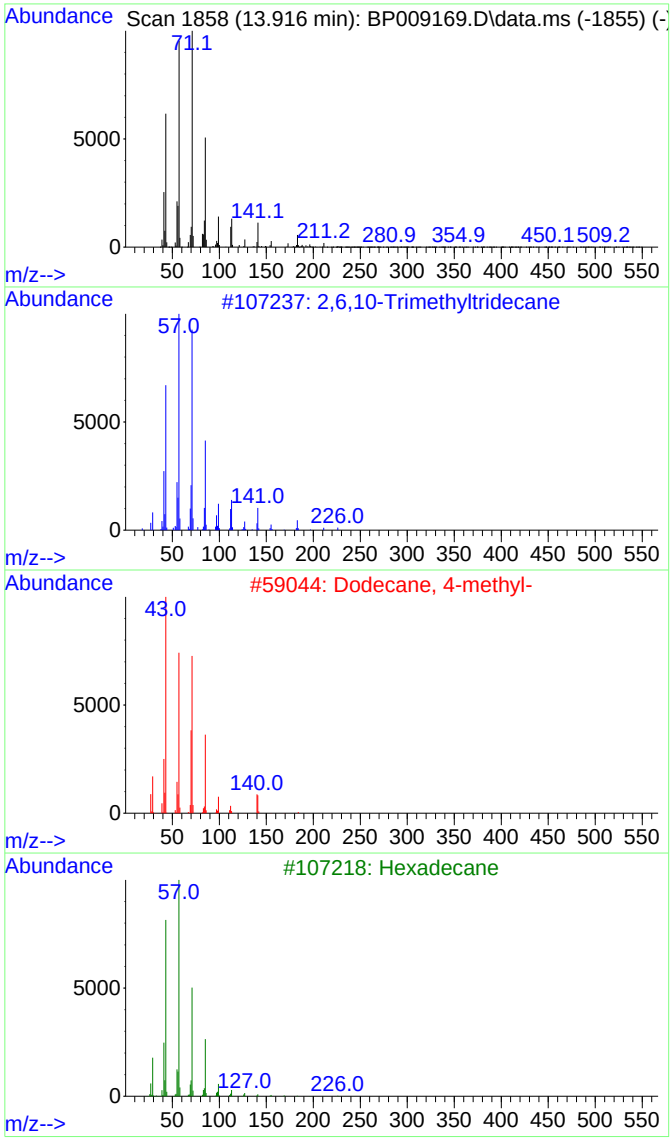
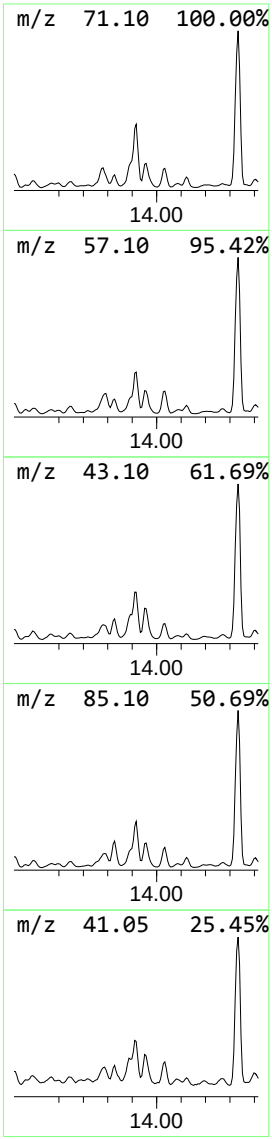
Peak Number 17 2,6,10-Trimethyltridecane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.916	10.95 ng	1983270	Acenaphthene-d10	14.428

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,6,10-Trimethyltridecane	226	C16H34	003891-99-4	83
2	Dodecane, 4-methyl-	184	C13H28	006117-97-1	81
3	Hexadecane	226	C16H34	000544-76-3	68
4	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	59
5	Nonane, 5-methyl-5-propyl-	184	C13H28	017312-75-3	59





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Data File : BP009169.D
Acq On : 15 Feb 2022 23:30
Operator : CG/JU
Sample : N1518-01 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OR-02-021122

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.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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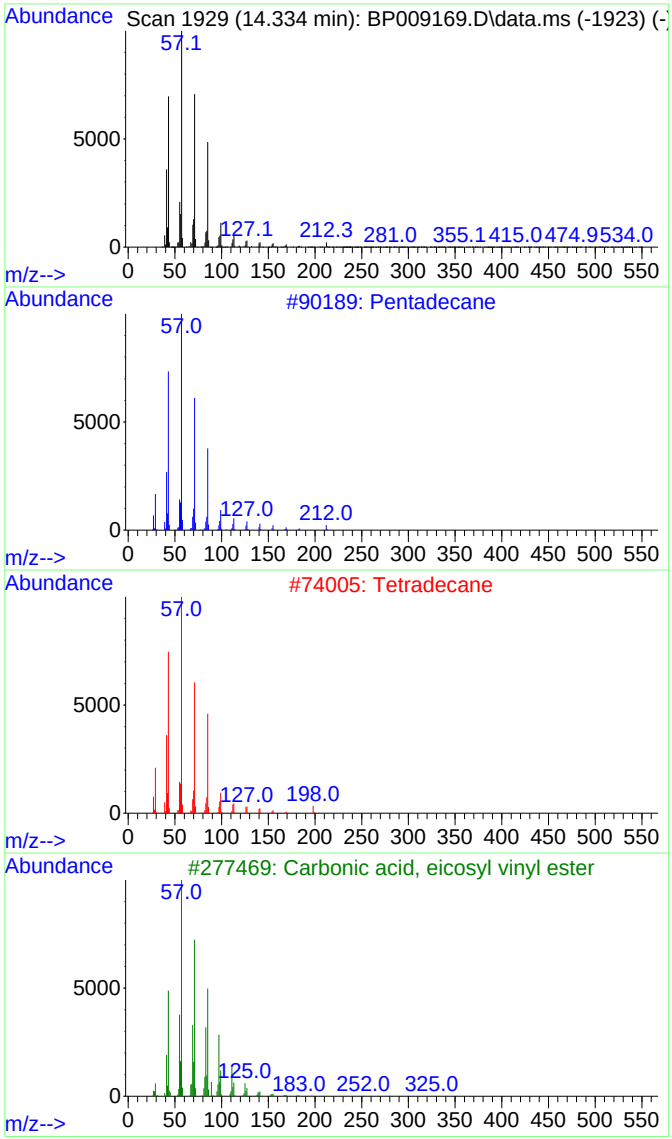
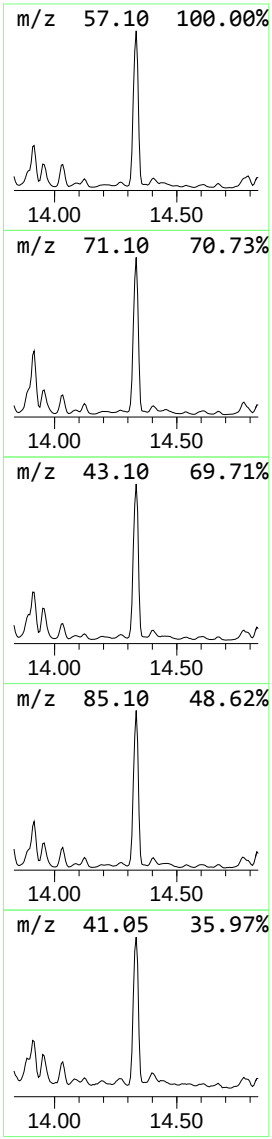
Peak Number 18 Pentadecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.334	37.49 ng	6790230	Acenaphthene-d10	14.428

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	93
2	Tetradecane	198	C14H30	000629-59-4	91
3	Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	91
4	Heneicosane	296	C21H44	000629-94-7	90
5	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	86





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Data File : BP009169.D
Acq On : 15 Feb 2022 23:30
Operator : CG/JU
Sample : N1518-01 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OR-02-021122

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.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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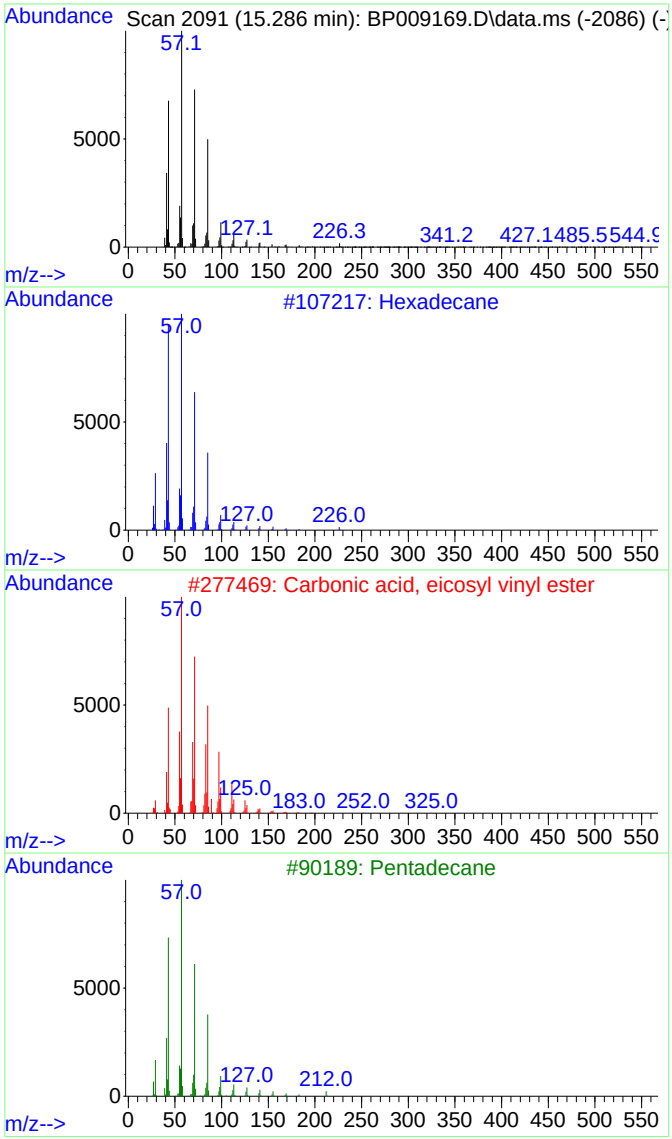
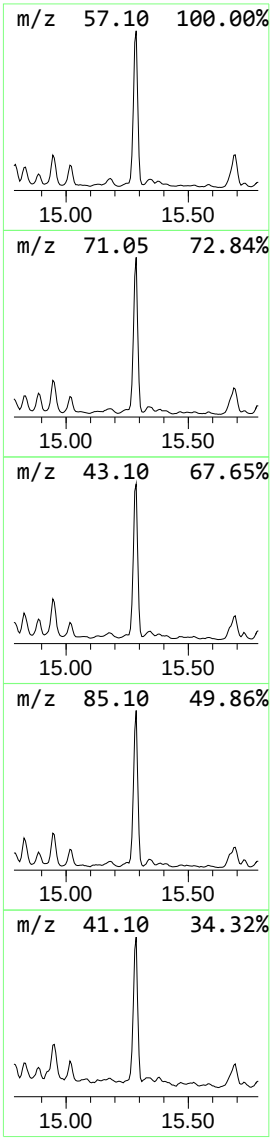
Peak Number 19 Hexadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.287	18.39 ng	3329950	Acenaphthene-d10	14.428

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	94
2	Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	91
3	Pentadecane	212	C15H32	000629-62-9	90
4	Tetradecane	198	C14H30	000629-59-4	90
5	Nonadecane	268	C19H40	000629-92-5	80





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021522\
Data File : BP009169.D
Acq On : 15 Feb 2022 23:30
Operator : CG/JU
Sample : N1518-01 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OR-02-021122

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.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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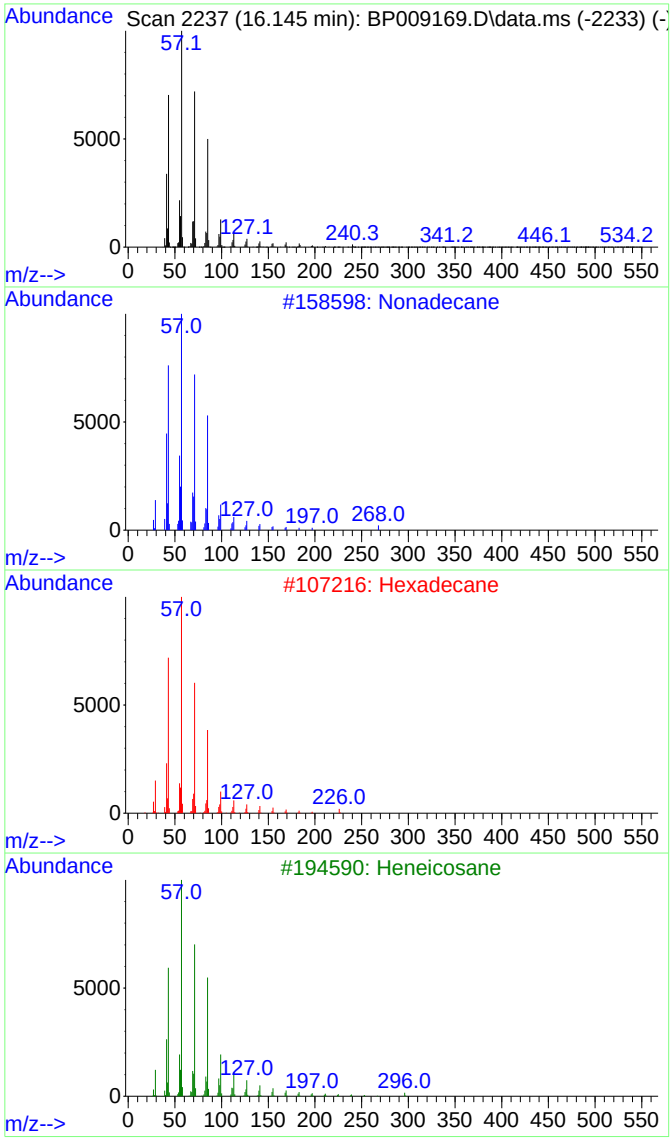
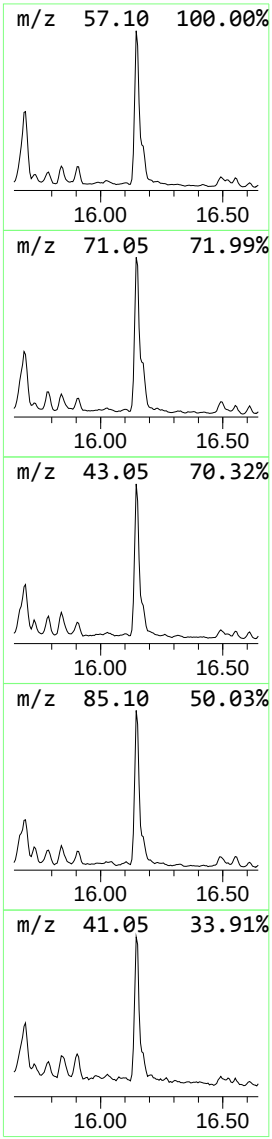
Peak Number 20 Nonadecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.145	14.34 ng	2090780	Phenanthrene-d10	17.186

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	91
2	Hexadecane	226	C16H34	000544-76-3	91
3	Heneicosane	296	C21H44	000629-94-7	91
4	Pentadecane	212	C15H32	000629-62-9	91
5	Tetradecane	198	C14H30	000629-59-4	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021522\
Data File : BP009169.D
Acq On : 15 Feb 2022 23:30
Operator : CG/JU
Sample : N1518-01 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OR-02-021122

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.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
Nonane	5.799	11.3	ng	1647470	1	7.787	2914050	20.0
Nonane, 3-methyl-	6.940	11.4	ng	1666080	1	7.787	2914050	20.0
Decane	7.410	55.7	ng	8115350	1	7.787	2914050	20.0
Cyclohexane, bu...	8.063	13.1	ng	1909210	1	7.787	2914050	20.0
Benzene, 1-meth...	8.322	27.3	ng	3972660	1	7.787	2914050	20.0
Decane, 2-methyl-	8.440	25.9	ng	3773360	1	7.787	2914050	20.0
Decane, 3-methyl-	8.546	15.9	ng	2324150	1	7.787	2914050	20.0
o-Cymene	8.887	28.3	ng	4117190	1	7.787	2914050	20.0
Undecane	9.016	111.6	ng	16261500	1	7.787	2914050	20.0
Benzene, 1,3-di...	9.140	18.5	ng	2693320	1	7.787	2914050	20.0
Tridecane	12.016	16.2	ng	14137000	2	10.581	17482800	20.0
unknown12.693	12.693	11.4	ng	2072480	3	14.428	3622010	20.0
Tridecane, 4-me...	12.757	11.4	ng	2062020	3	14.428	3622010	20.0
2-Bromo dodecane	12.916	13.5	ng	2449810	3	14.428	3622010	20.0
Dodecane, 2,6,1...	12.969	22.4	ng	4066250	3	14.428	3622010	20.0
1H-Indene, 2,3-...	13.369	14.5	ng	2624380	3	14.428	3622010	20.0
2,6,10-Trimethy...	13.916	10.9	ng	1983270	3	14.428	3622010	20.0
Pentadecane	14.334	37.5	ng	6790230	3	14.428	3622010	20.0
Hexadecane	15.287	18.4	ng	3329950	3	14.428	3622010	20.0
Nonadecane	16.145	14.3	ng	2090780	4	17.186	2915830	20.0