LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071625\
Data File : BP025163.D
Acq On : 16 Jul 2025 18:17
Operator : CG/JU
Sample : Q2600-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TRENCH

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-BP070325.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP025163.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.661	287	293	297	rBV	607307	831978	4.14%	0.207%
2	5.102	362	368	376	rBV	6376678	8976831	44.71%	2.234%
3	5.472	426	431	435	rVV	686230	961529	4.79%	0.239%
4	5.537	435	442	449	rVB	453850	907944	4.52%	0.226%
5	5.784	475	484	491	rBV3	1399121	3351934	16.70%	0.834%
6	5.902	497	504	510	rVB2	828539	1771012	8.82%	0.441%
7	5.990	513	519	525	rVB4	2051007	3466603	17.27%	0.863%
8	6.061	525	531	535	rBV	2590129	3858159	19.22%	0.960%
9	6.125	535	542	546	rVV3	2729685	6132494	30.54%	1.526%
10	6.167	546	549	555	rVV	2367194	3487385	17.37%	0.868%
11	6.249	558	563	568	rVB2	693875	1069245	5.33%	0.266%
12	6.308	568	573	579	rVB4	1093839	1913263	9.53%	0.476%
13	6.384	579	586	592	rBV2	1815490	4287366	21.35%	1.067%
14	6.449	592	597	600	rBV3	588974	1271001	6.33%	0.316%
15	6.484	600	603	607	rVB	677738	916279	4.56%	0.228%
16	6.584	613	620	621	rBV3	1197630	2009139	10.01%	0.500%
17	6.643	621	630	637	rVB2	7304728	16980228	84.57%	4.226%
18	6.796	651	656	662	rVV5	1240303	2375615	11.83%	0.591%
19	6.855	662	666	670	rVB2	1779150	2524194	12.57%	0.628%
20	6.896	670	673	675	rBV3	768003	999461	4.98%	0.249%
21	6.955	675	683	688	rBV	3040940	6214531	30.95%	1.546%
22	7.025	692	695	706	rVB5	3104811	6900171	34.37%	1.717%
23	7.149	706	716	719	rBV6	1694829	4653761	23.18%	1.158%
24	7.184	719	722	727	rVB3	1574904	2494919	12.43%	0.621%
25	7.237	727	731	734	rBV	687107	849193	4.23%	0.211%
26	7.278	734	738	741	rBV3	1889856	3183217	15.85%	0.792%
27	7.361	748	752	754	rBV3	2373365	3492449	17.39%	0.869%
28	7.443	760	766	772	rVB3	5399165	11106975	55.32%	2.764%
29	7.531	775	781	787	rBV4	1959202	4558221	22.70%	1.134%
30	7.602	787	793	794	rVV5	846917	1694431	8.44%	0.422%
31	7.655	795	802	805	rVV3	3696704	7308946	36.40%	1.819%
32	7.690	805	808	810	rVV3	2440424	3476943	17.32%	0.865%
33	7.737	810	816	823	rVV2	5761744	14037189	69.92%	3.493%
34	7.802	823	827	832	rVB2	1936274	2743353	13.66%	0.683%
35	7.890	838	842	846	rBV2	1820306	2846880	14.18%	0.708%
36	7.937	846	850	857	rVV4	2059188	5398906	26.89%	1.344%

LSC Area Percent Report

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Operator : CG/JU
Sample : Q2600-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TRENCH

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-BP070325.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	8.002	857	861	869	rVB2	4702443	8306360	41.37%	2.067%
38	8.078	869	874	878	rBV5	1141741	1800610	8.97%	0.448%
39	8.131	878	883	890	rBV3	2841355	5233931	26.07%	1.302%
40	8.261	898	905	910	rBV3	5001538	9098299	45.32%	2.264%
41	8.325	910	916	928	rVB6	2088795	6394639	31.85%	1.591%
42	8.425	928	933	939	rBV3	849217	1934315	9.63%	0.481%
43	8.537	939	952	956	rBV2	7646700	19128601	95.27%	4.760%
44	8.637	962	969	974	rVB6	2570057	5561989	27.70%	1.384%
45	8.784	984	994	1001	rVB6	3696337	12005735	59.80%	2.988%
46	8.872	1001	1009	1011	rBV	1695495	3623590	18.05%	0.902%
47	9.013	1029	1033	1035	rBV3	847187	1330312	6.63%	0.331%
48	9.049	1035	1039	1042	rVV	2422810	3956517	19.71%	0.985%
49	9.084	1042	1045	1049	rVV2	2072522	3031026	15.10%	0.754%
50	9.137	1049	1054	1061	rVB3	3652988	5722065	28.50%	1.424%
51	9.202	1062	1065	1071	rVB2	685330	988273	4.92%	0.246%
52	9.308	1076	1083	1086	rBV3	1557498	3247427	16.17%	0.808%
53	9.343	1086	1089	1093	rVV	1880773	2535690	12.63%	0.631%
54	9.390	1093	1097	1107	rVB5	2894454	7464435	37.18%	1.858%
55	9.496	1112	1115	1120	rVB2	806532	1136602	5.66%	0.283%
56	9.607	1129	1134	1141	rVV3	3948161	6606154	32.90%	1.644%
57	9.678	1143	1146	1151	rVB2	788196	1139513	5.68%	0.284%
58	9.813	1164	1169	1178	rVB3	1088999	2487905	12.39%	0.619%
59	9.907	1180	1185	1190	rVV	1899836	3056359	15.22%	0.761%
60	10.078	1210	1214	1217	rBV2	978470	1372707	6.84%	0.342%
61	10.119	1217	1221	1225	rBV2	849750	1090696	5.43%	0.271%
62	10.190	1225	1233	1240	rBV	5029873	10010896	49.86%	2.491%
63	10.255	1240	1244	1248	rVV4	1055866	1503191	7.49%	0.374%
64	10.313	1251	1254	1261	rVB4	1572847	2996929	14.93%	0.746%
65	10.390	1261	1267	1269	rBV	1280321	2028048	10.10%	0.505%
66	10.513	1283	1288	1293	rVB2	723567	1391833	6.93%	0.346%
67	10.572	1293	1298	1302	rBV3	649062	1175566	5.86%	0.293%
68	10.649	1302	1311	1315	rVV6	671959	2012439	10.02%	0.501%
69	10.696	1315	1319	1324	rVV3	591536	910241	4.53%	0.227%
70	10.825	1336	1341	1344	rBV2	467068	893085	4.45%	0.222%
71	10.984	1361	1368	1372	rBV2	587112	1424802	7.10%	0.355%
72	11.254	1408	1414	1419	rBV2	3131681	5515371	27.47%	1.372%
73	11.384	1432	1436	1441	rVB	1077187	1531457	7.63%	0.381%
74	11.678	1481	1486	1490	rVV6	646821	1418172	7.06%	0.353%
75	11.743	1493	1497	1503	rVB3	929741	1736832	8.65%	0.432%
76	11.837	1509	1513	1528	rVB7	899268	3028083	15.08%	0.754%

LSC Area Percent Report

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Operator : CG/JU
Sample : Q2600-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TRENCH

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
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Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	11.972	1529	1536	1542	rBV2	1251167	3385539	16.86%	0.842%
78	12.084	1551	1555	1559	rVB2	1433545	2062994	10.28%	0.513%
79	12.637	1644	1649	1653	rBV3	759446	1142531	5.69%	0.284%
80	12.696	1653	1659	1664	rVV	9688811	14847050	73.95%	3.695%
81	13.019	1710	1714	1720	rVB3	558338	944723	4.71%	0.235%
82	13.407	1775	1780	1784	rVV	866057	1606936	8.00%	0.400%
83	13.454	1784	1788	1793	rVV	837699	1194054	5.95%	0.297%
84	13.513	1794	1798	1803	rVB	518664	773165	3.85%	0.192%
85	13.937	1866	1870	1875	rVB	802850	1187966	5.92%	0.296%
86	14.095	1889	1897	1904	rBV	4764997	8148166	40.58%	2.028%
87	14.154	1904	1907	1912	rVV2	537303	796359	3.97%	0.198%
88	14.513	1964	1968	1973	rVV2	422710	955192	4.76%	0.238%
89	14.854	2023	2026	2032	rVV5	356892	757863	3.77%	0.189%
90	14.919	2034	2037	2045	rVB2	1433661	2251830	11.22%	0.560%
91	15.437	2123	2125	2131	rVB2	772773	950611	4.73%	0.237%
92	15.507	2133	2137	2144	rVB	1011074	1651932	8.23%	0.411%
93	15.631	2152	2158	2166	rVB	7977037	11203096	55.80%	2.788%
94	15.884	2199	2201	2205	rBV2	630613	745231	3.71%	0.185%
95	15.942	2208	2211	2216	rVB	2108097	2872583	14.31%	0.715%
96	16.795	2352	2356	2361	rVB	2939081	4534317	22.58%	1.128%
97	16.931	2375	2379	2383	rBV	4426736	5895181	29.36%	1.467%
98	16.972	2383	2386	2392	rVB	2108826	2843029	14.16%	0.707%
99	19.078	2741	2744	2750	rVB	4592089	6140836	30.59%	1.528%
100	19.689	2844	2848	2855	rBV	13920296	20077335	100.00%	4.996%

Sum of corrected areas: 401850959

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071625\
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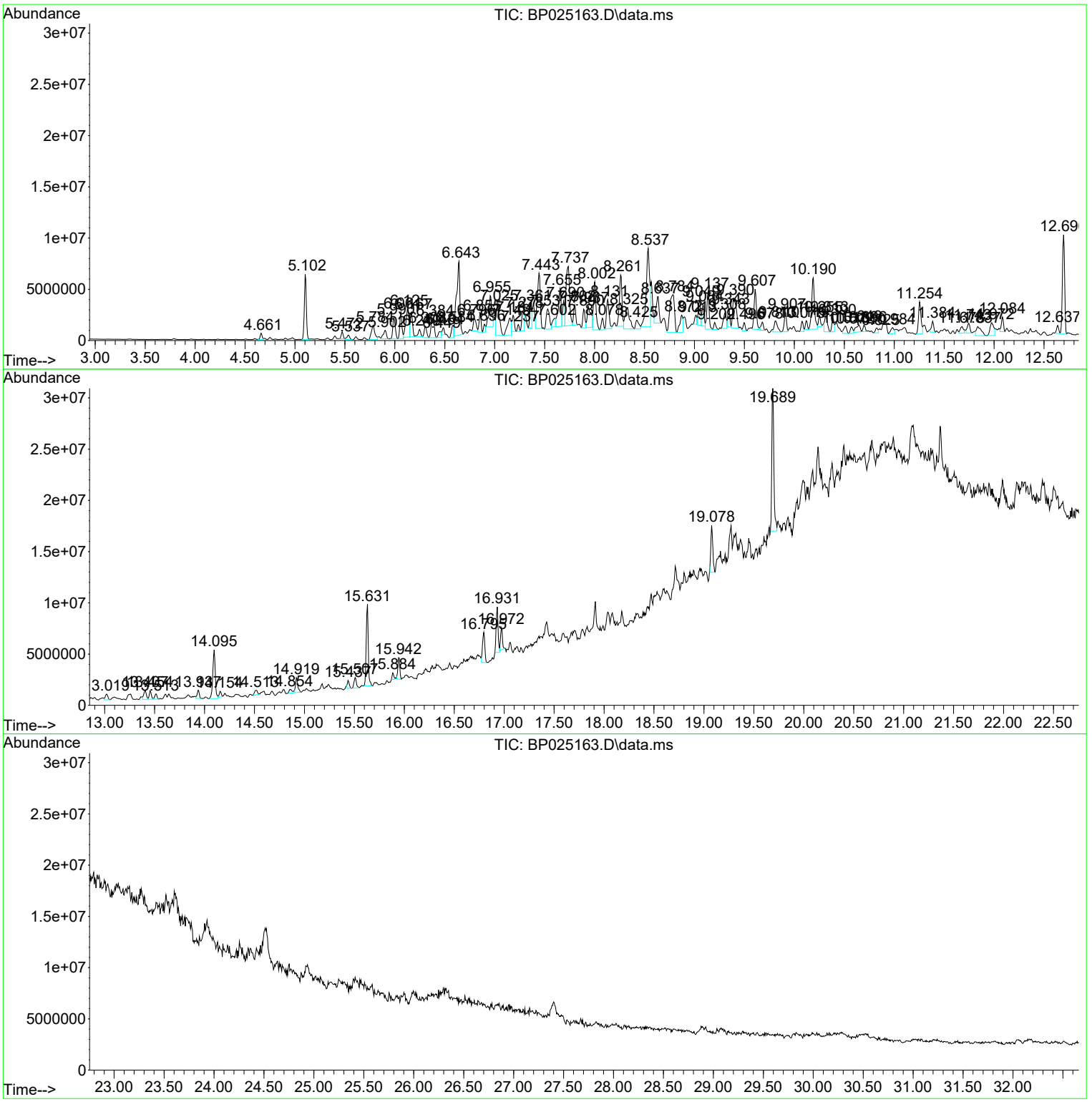
Sample : Q2600-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TRENCH

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.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\BP071625\
Data File : BP025163.D
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Operator : CG/JU
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ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TRENCH

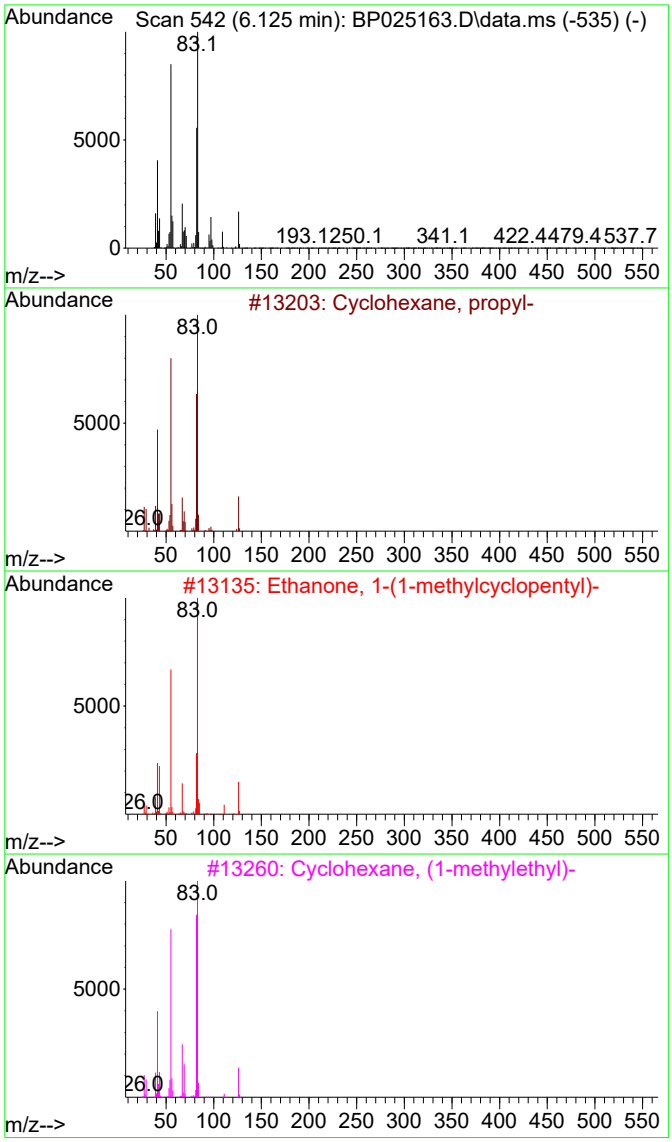
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

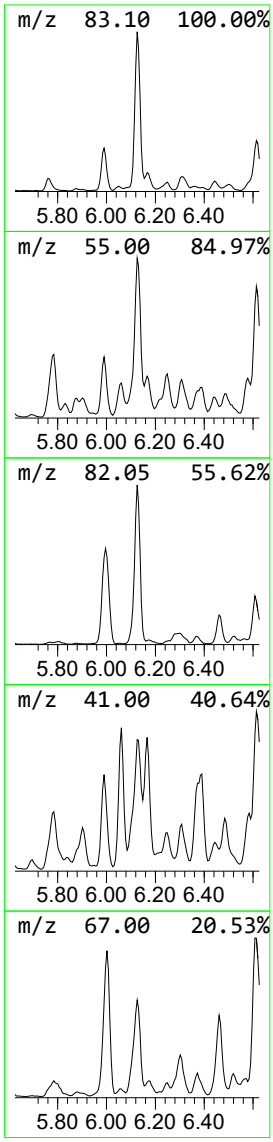
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Cyclohexane, propyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.125	11.04 ng	6132490	1,4-Dichlorobenzene-d4	7.437

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, propyl-	126	C9H18	001678-92-8	83
2	Ethanone, 1-(1-methylcyclopentyl)-	126	C8H14O	013388-93-7	64
3	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	58
4	Pyridine, 2,3,4,5-tetrahydro-	83	C5H9N	000505-18-0	47
5	3,3-Dimethylhex-5-en-2-one	126	C8H14O	1000424-30-3	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071625\
Data File : BP025163.D
Acq On : 16 Jul 2025 18:17
Operator : CG/JU
Sample : Q2600-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TRENCH

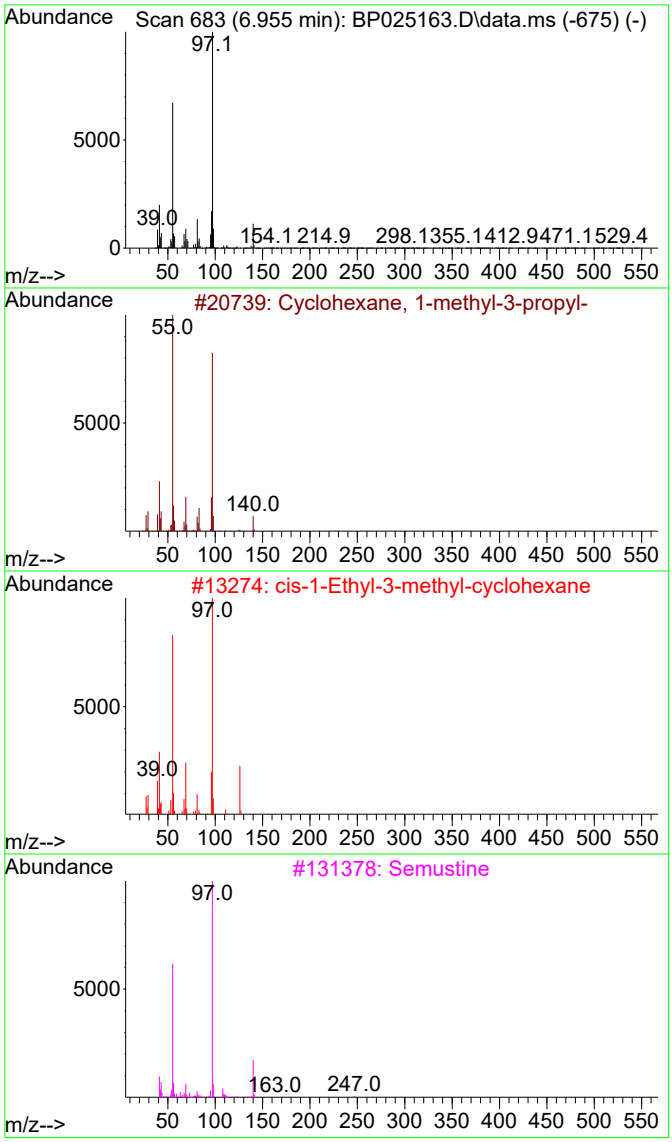
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

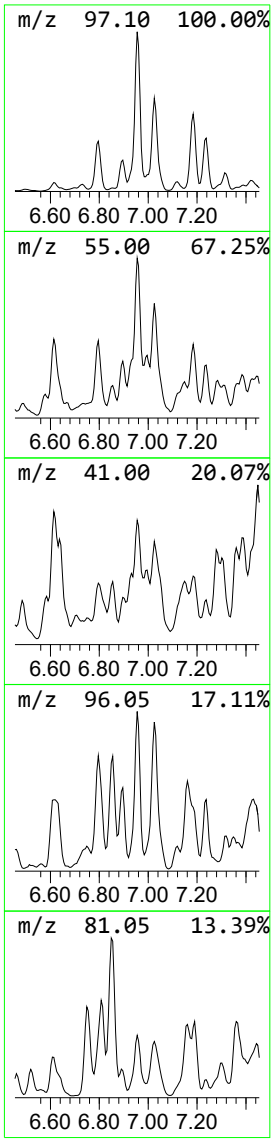
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Cyclohexane, 1-methyl-3-pro... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.955	11.19 ng	6214530	1,4-Dichlorobenzene-d4	7.437

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-methyl-3-propyl-	140	C10H20	004291-80-9	80
2	cis-1-Ethyl-3-methyl-cyclohexane	126	C9H18	019489-10-2	72
3	Semustine	247	C10H18ClN3O2	013909-09-6	64
4	1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	64
5	Sulfurous acid, cyclohexylmethyl...	276	C14H28O3S	1000309-21-7	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071625\
Data File : BP025163.D
Acq On : 16 Jul 2025 18:17
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Sample : Q2600-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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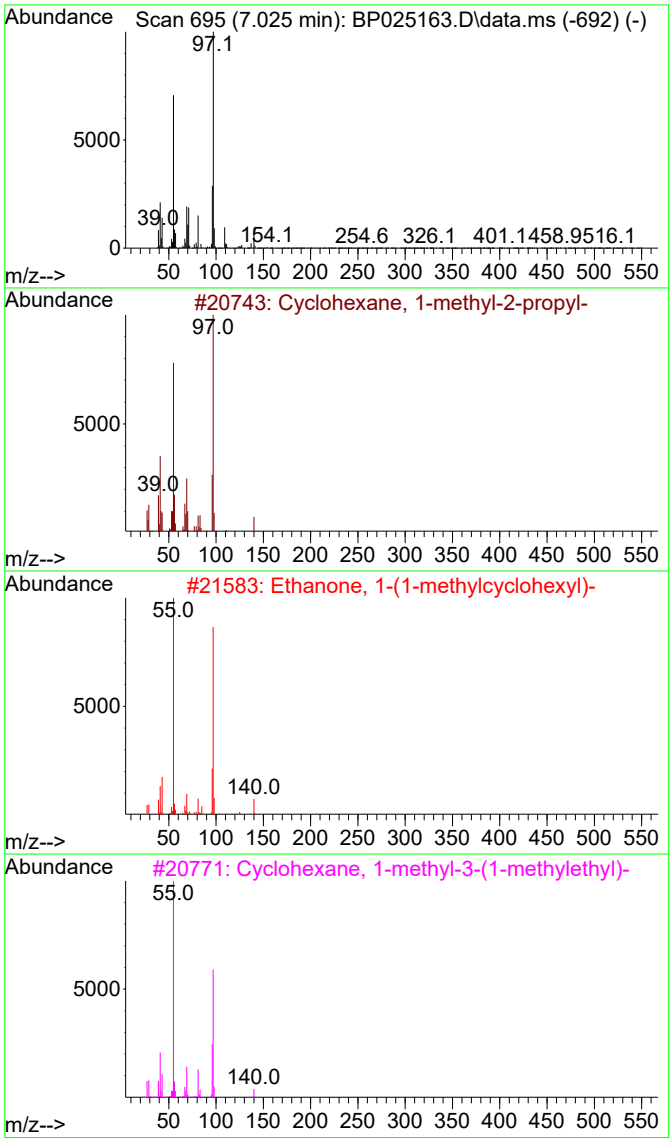
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

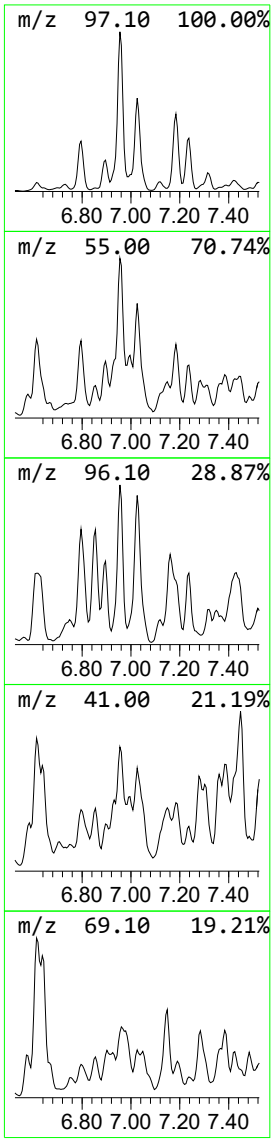
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Cyclohexane, 1-methyl-2-pro... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.025	12.42 ng	6900170	1,4-Dichlorobenzene-d4	7.437

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-methyl-2-propyl-	140	C10H20	004291-79-6	72
2	Ethanone, 1-(1-methylcyclohexyl)-	140	C9H16O	002890-62-2	64
3	Cyclohexane, 1-methyl-3-(1-methy...	140	C10H20	016580-24-8	64
4	Cyclopentane, 1,1'-ethylidenebis-	166	C12H22	004413-21-2	59
5	Cyclohexane, 1-ethyl-1-methyl-	126	C9H18	004926-90-3	58





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071625\
Data File : BP025163.D
Acq On : 16 Jul 2025 18:17
Operator : CG/JU
Sample : Q2600-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TRENCH

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

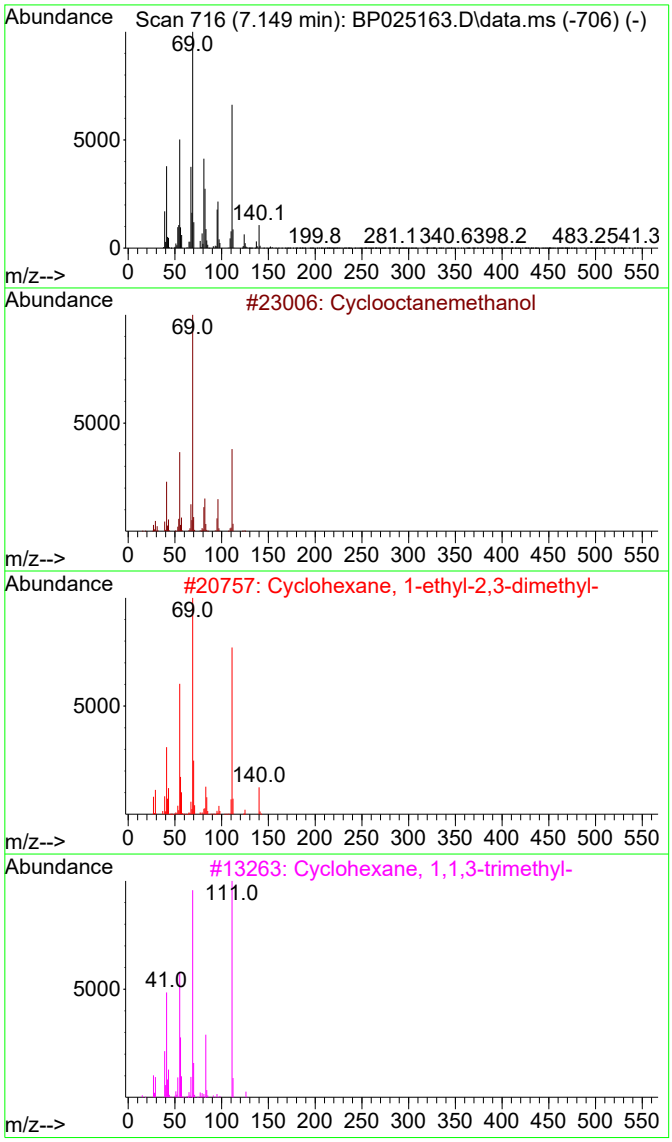
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

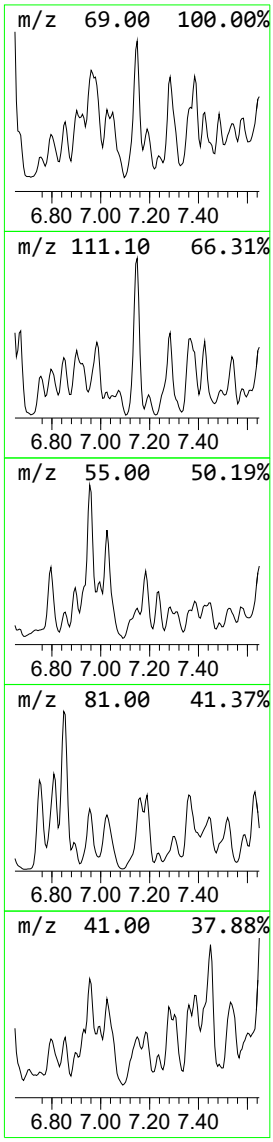
****

Peak Number 4 Cyclooctanemethanol Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.149	8.38 ng	4653760	1,4-Dichlorobenzene-d4	7.437

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclooctanemethanol	142	C9H18O	003637-63-6	72
2	Cyclohexane, 1-ethyl-2,3-dimethyl-	140	C10H20	007058-05-1	58
3	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	53
4	Trans-1,4-diethylcyclohexane	140	C10H20	013990-93-7	52
5	Cyclooctane, (1-methylpropyl)-	168	C12H24	016538-89-9	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071625\
Data File : BP025163.D
Acq On : 16 Jul 2025 18:17
Operator : CG/JU
Sample : Q2600-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TRENCH

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

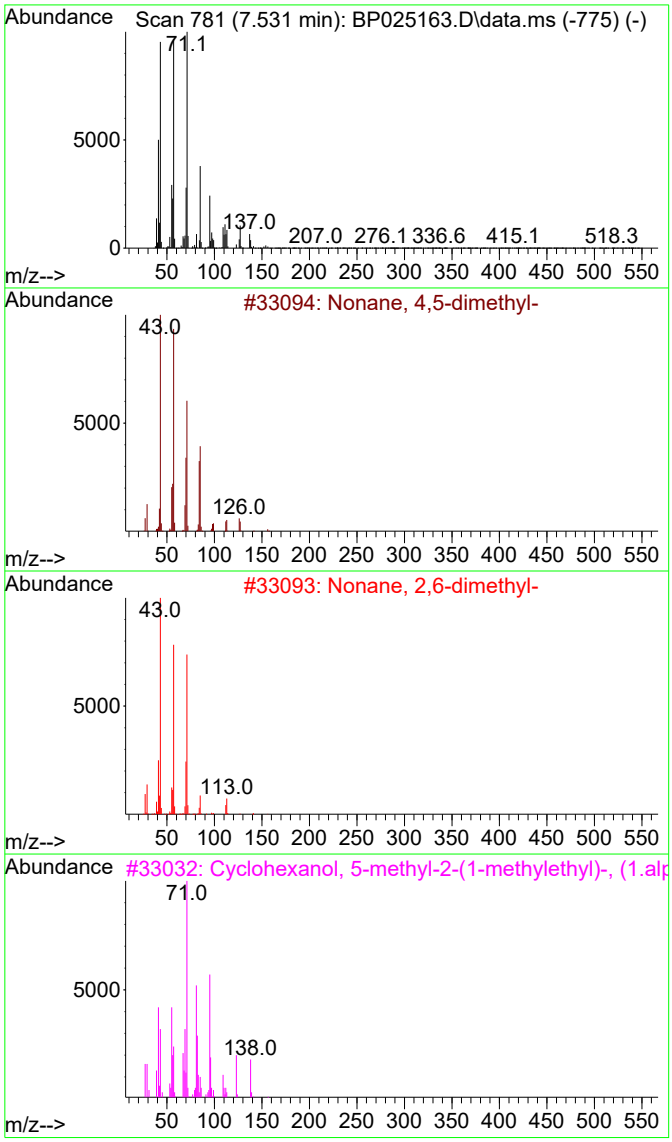
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

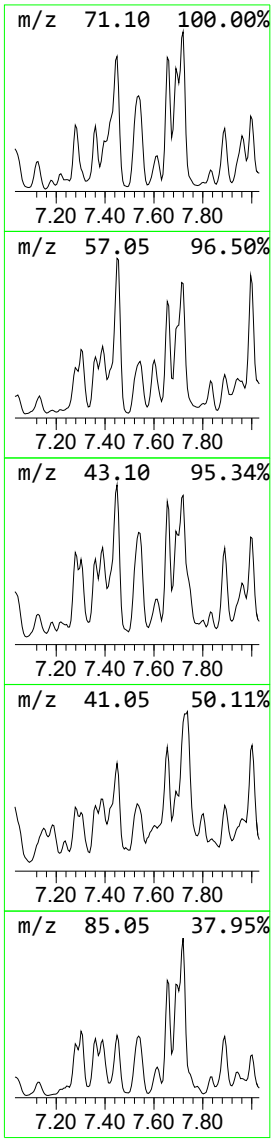
****

Peak Number 5 unknown7.531 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.531	8.21 ng	4558220	1,4-Dichlorobenzene-d4	7.437

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 4,5-dimethyl-	156	C11H24	017302-23-7	49
2	Nonane, 2,6-dimethyl-	156	C11H24	017302-28-2	47
3	Cyclohexanol, 5-methyl-2-(1-meth...	156	C10H20O	000491-02-1	43
4	Ether, 6-methylheptyl vinyl	156	C10H20O	010573-35-0	38
5	Decane, 2,6,7-trimethyl-	184	C13H28	062108-25-2	38





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Acq On : 16 Jul 2025 18:17
Operator : CG/JU
Sample : Q2600-01
Misc :
ALS Vial : 10 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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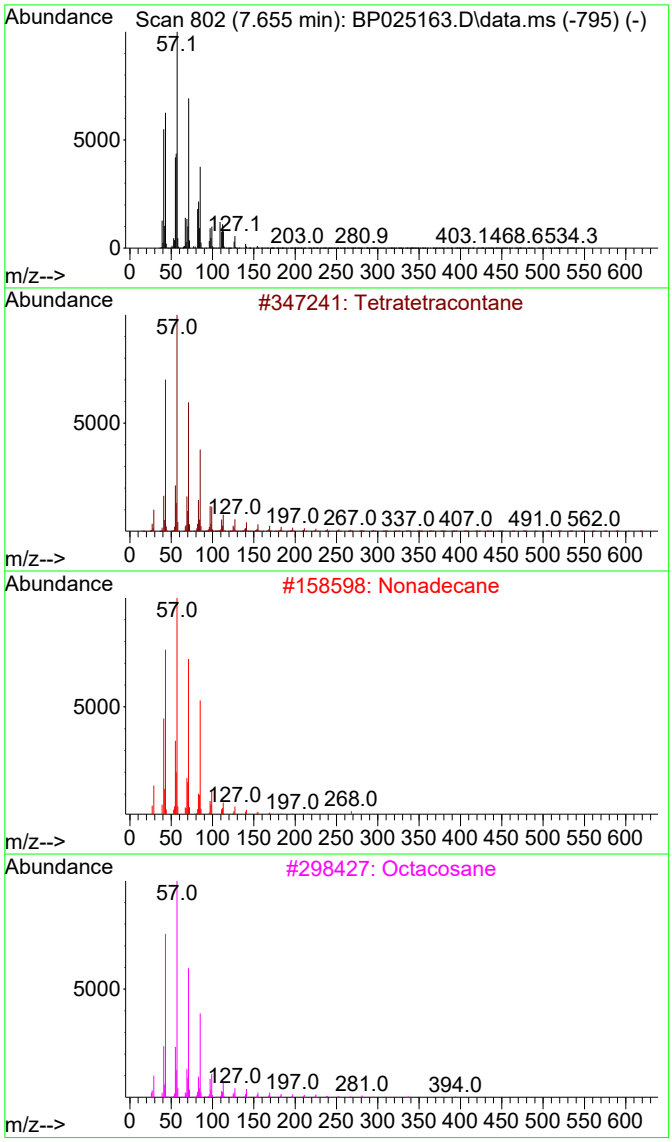
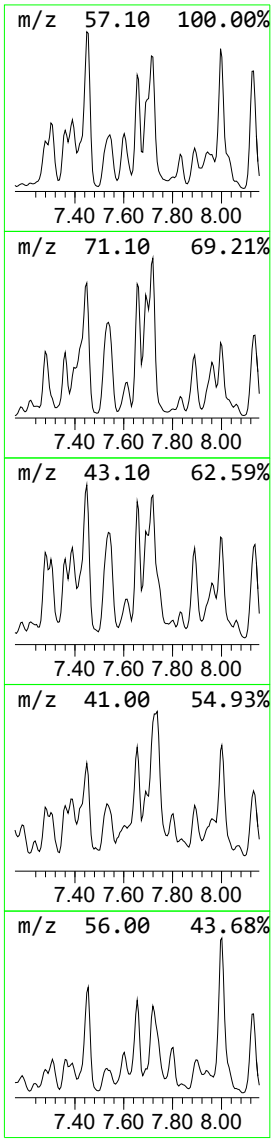
Peak Number 6 Tetratetracontane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.655	13.16 ng	7308950	1,4-Dichlorobenzene-d4	7.437

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetratetracontane	619	C44H90	007098-22-8	52
2	Nonadecane	268	C19H40	000629-92-5	49
3	Octacosane	394	C28H58	000630-02-4	49
4	Tetradecane	198	C14H30	000629-59-4	49
5	Tetracosane	338	C24H50	000646-31-1	49





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ALS Vial : 10 Sample Multiplier: 1

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

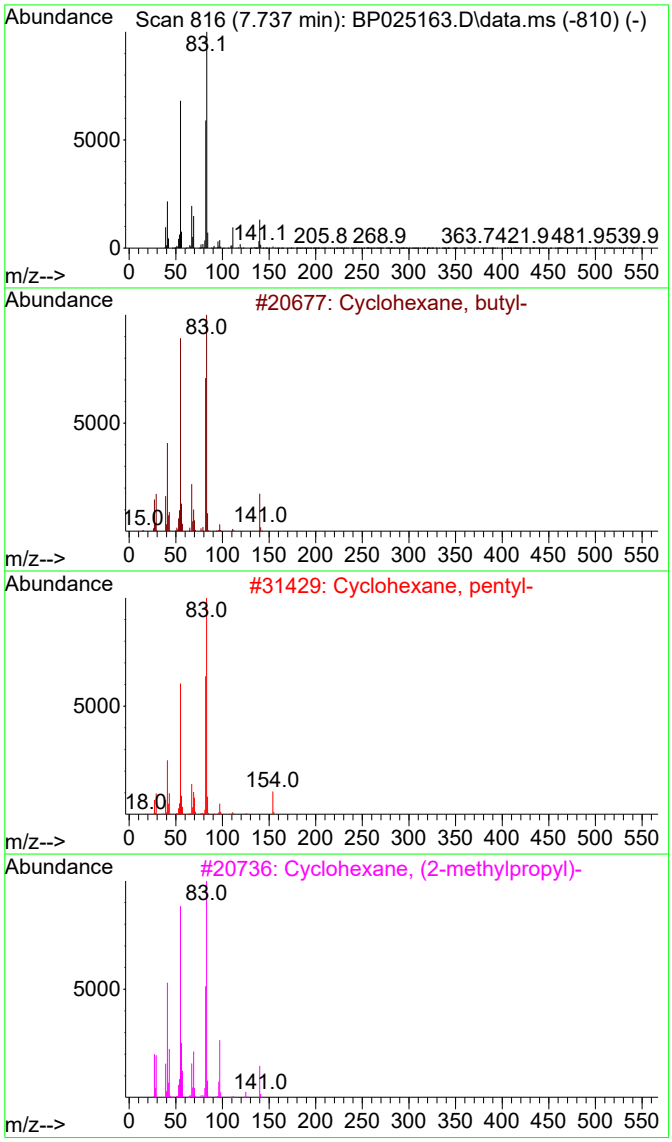
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

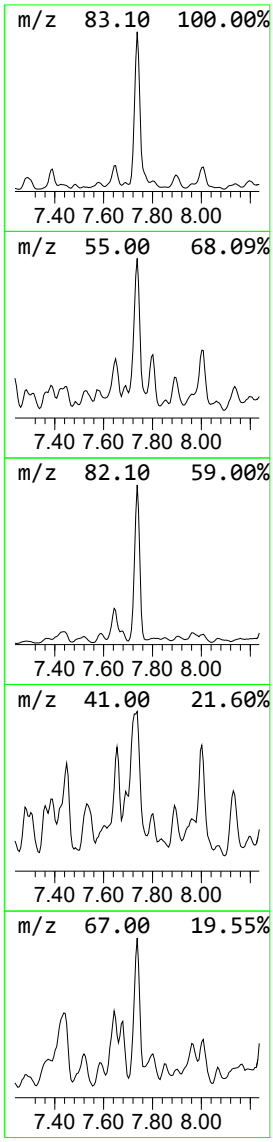
****

Peak Number 7 Cyclohexane, butyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.737	25.28 ng	14037200	1,4-Dichlorobenzene-d4	7.437

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	74
3	Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	72
4	Cyclopentaneacetic acid, ethenyl...	154	C9H14O2	045955-66-6	53
5	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	50





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ALS Vial : 10 Sample Multiplier: 1

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ClientSampleId :
TRENCH

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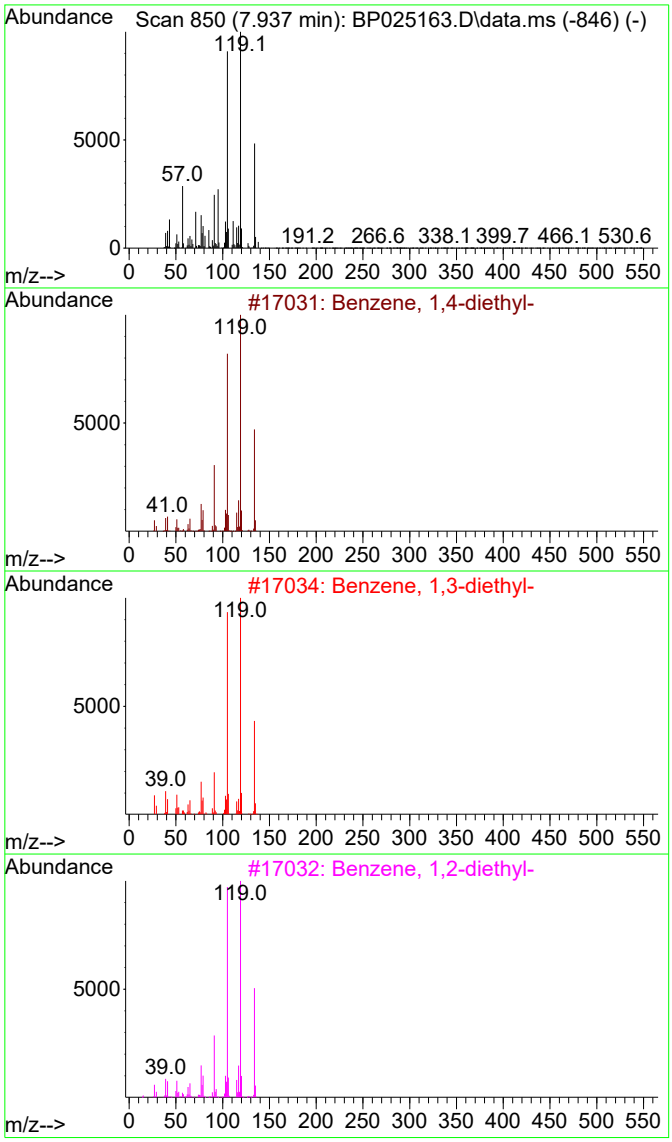
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

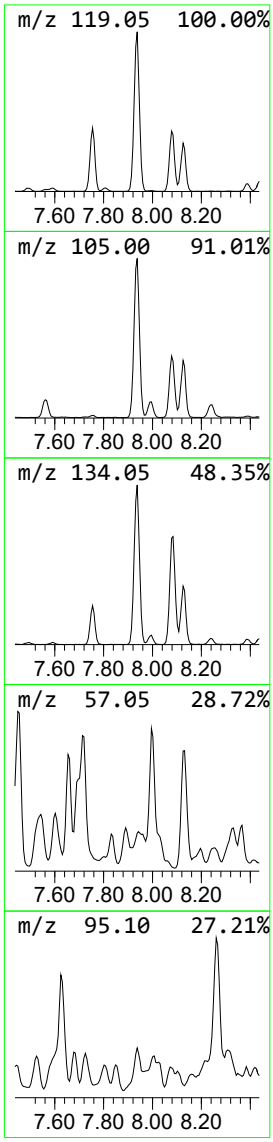
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Benzene, 1,4-diethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.937	9.72 ng	5398910	1,4-Dichlorobenzene-d4	7.437

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	94
2	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	91
3	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	89
4	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	81
5	p-Cymene	134	C10H14	000099-87-6	70





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Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TRENCH

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.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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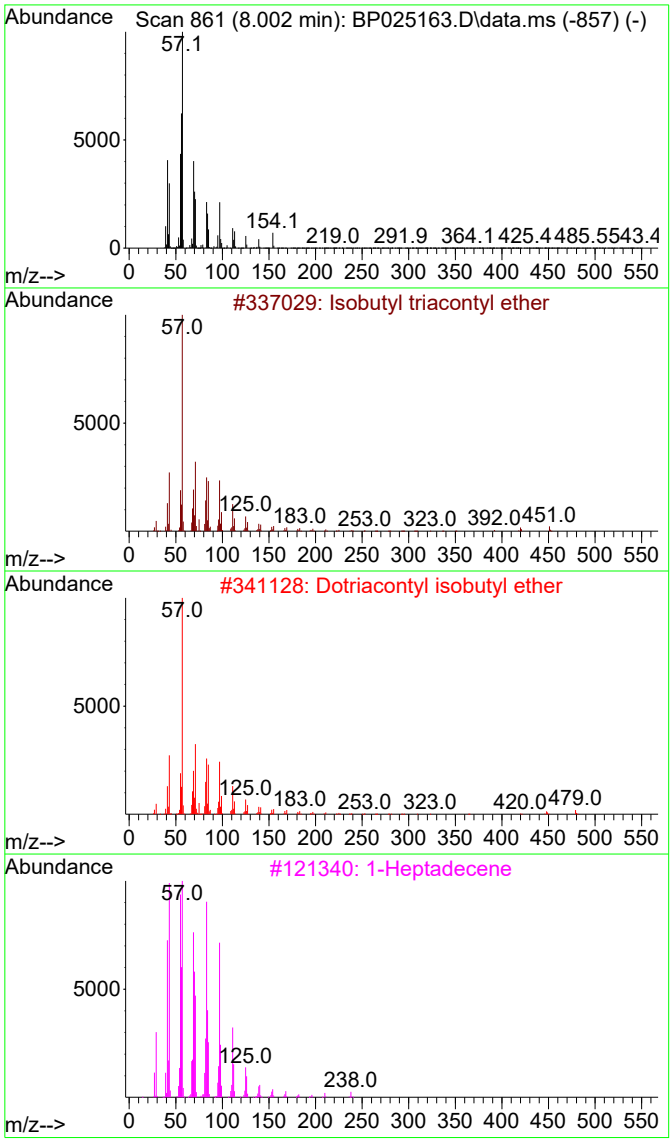
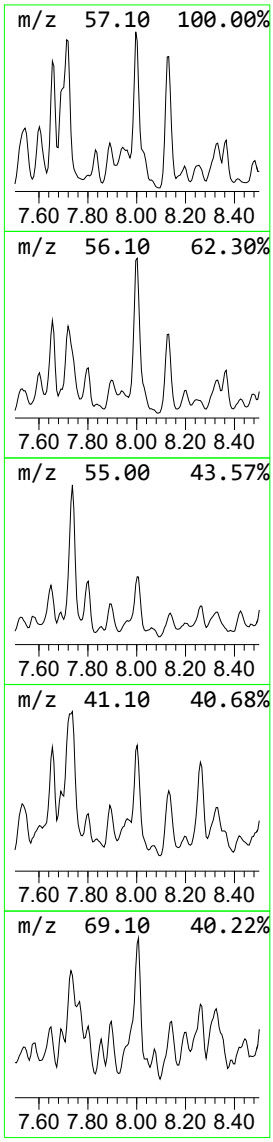
Peak Number 9 unknown8.002 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.002	14.96 ng	8306360	1,4-Dichlorobenzene-d4	7.437

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isobutyl triacontyl ether	495	C34H70O	1000406-33-5	47
2	Dotriacontyl isobutyl ether	523	C36H74O	1010406-33-6	47
3	1-Heptadecene	238	C17H34	006765-39-5	43
4	Decane, 4-methylene-	154	C11H22	024949-41-5	38
5	1-Dotriacontanol, acetate	509	C34H68O2	023811-94-1	38





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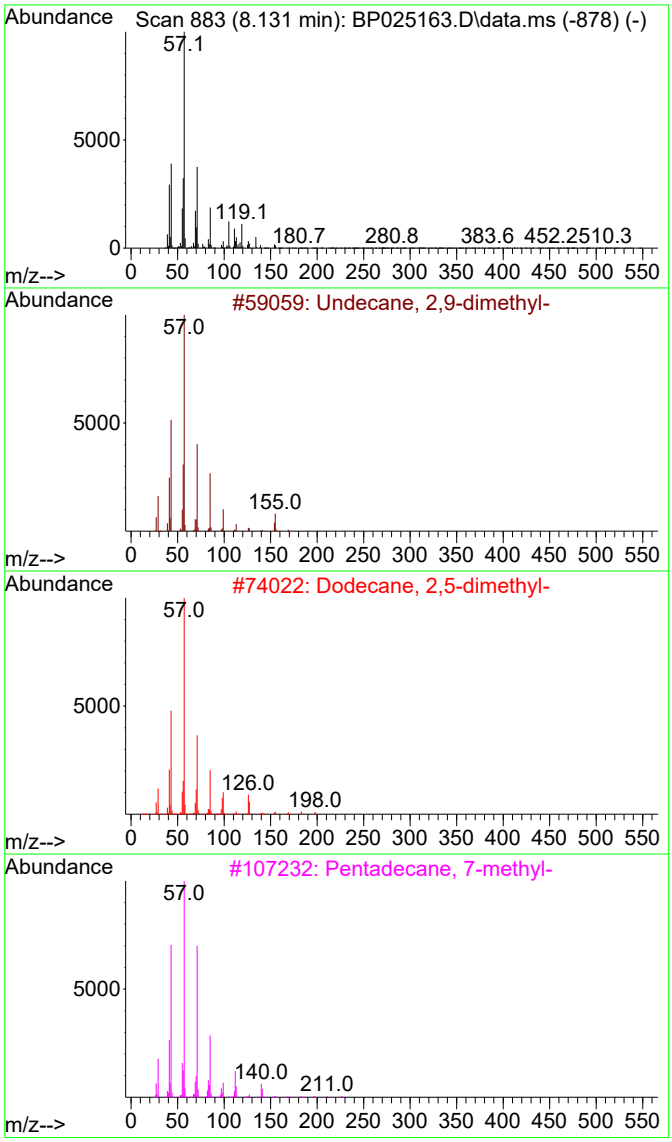
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

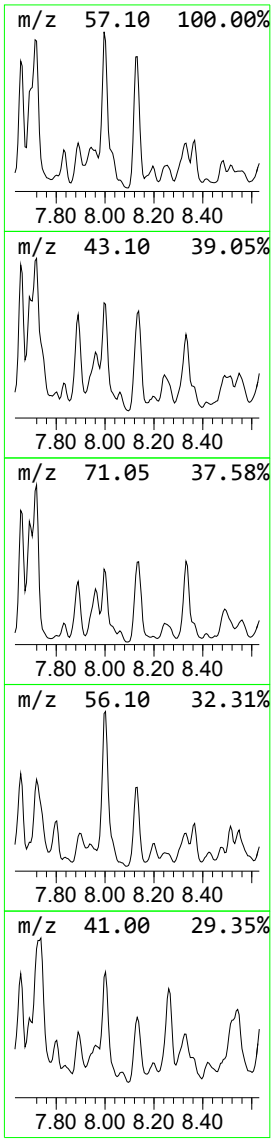
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Undecane, 2,9-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.131	9.42 ng	5233930	1,4-Dichlorobenzene-d4	7.437

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 2,9-dimethyl-	184	C13H28	017301-26-7	50
2	Dodecane, 2,5-dimethyl-	198	C14H30	056292-65-0	43
3	Pentadecane, 7-methyl-	226	C16H34	006165-40-8	43
4	Sulfurous acid, decyl 2-ethylhex...	334	C18H38O3S	1000309-19-3	43
5	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	43





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Operator : CG/JU
Sample : Q2600-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
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ClientSampleId :
TRENCH

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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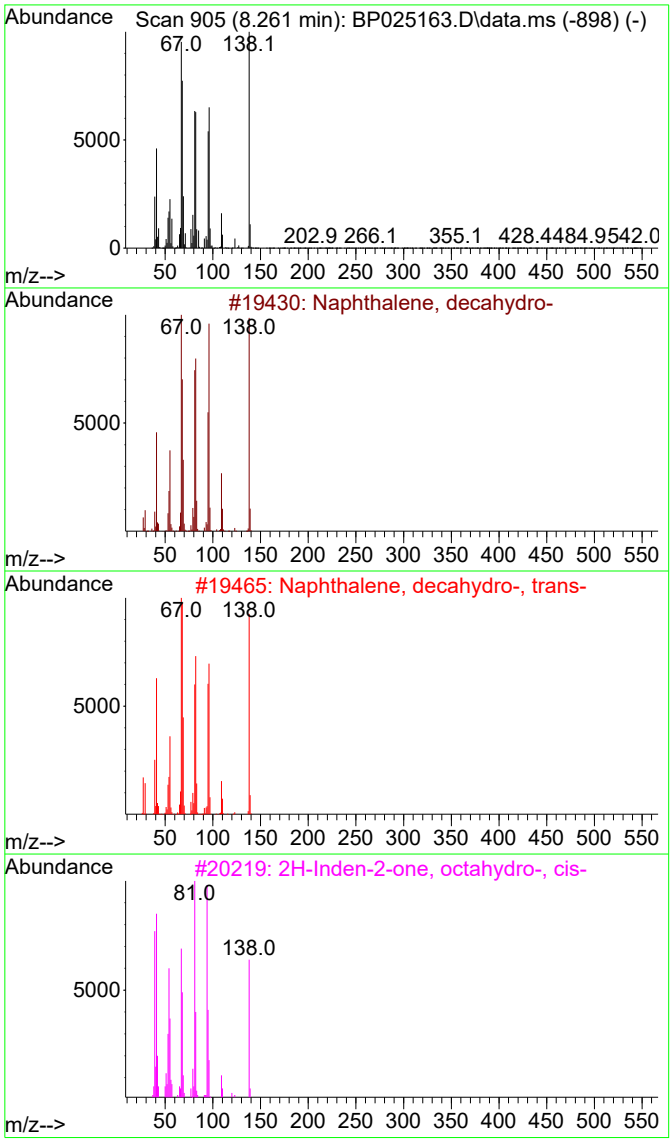
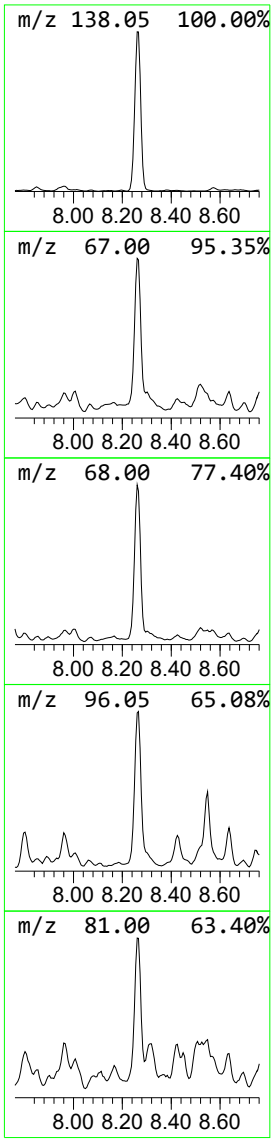
Peak Number 11 Naphthalene, decahydro- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.261	16.38 ng	9098300	1,4-Dichlorobenzene-d4	7.437

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, decahydro-	138	C10H18	000091-17-8	95
2	Naphthalene, decahydro-, trans-	138	C10H18	000493-02-7	93
3	2H-Inden-2-one, octahydro-, cis-	138	C9H14O	005689-04-3	86
4	Spiro[4.5]decane	138	C10H18	000176-63-6	76
5	Naphthalene, decahydro-, cis-	138	C10H18	000493-01-6	74





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Operator : CG/JU
Sample : Q2600-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
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ClientSampleId :
TRENCH

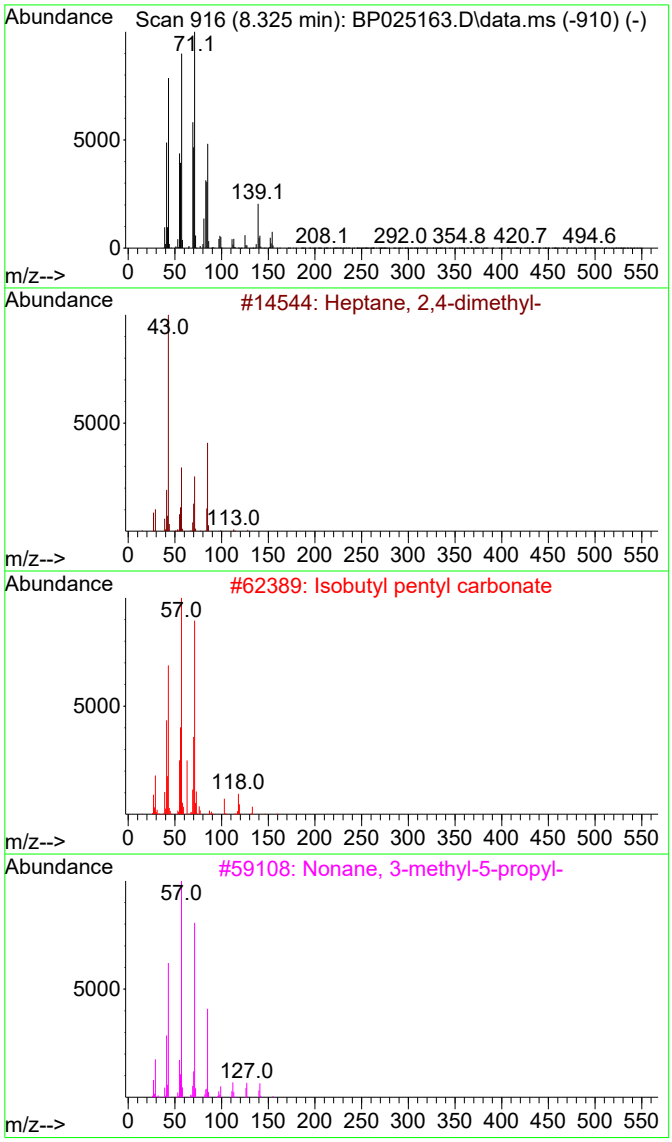
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

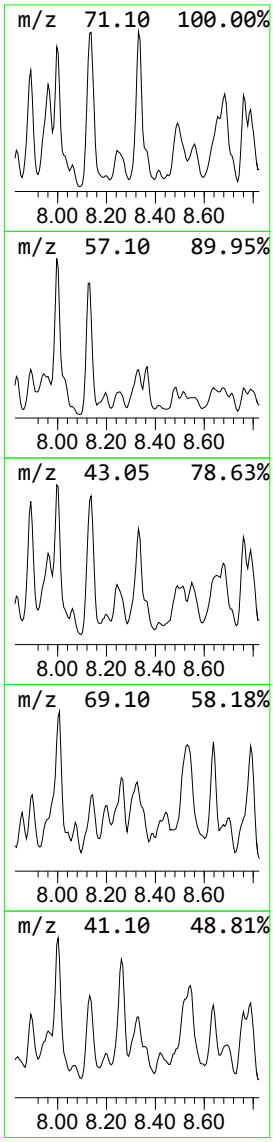
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Heptane, 2,4-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.325	11.51 ng	6394640	1,4-Dichlorobenzene-d4	7.437

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	72
2	Isobutyl pentyl carbonate	188	C10H20O3	178442-32-5	47
3	Nonane, 3-methyl-5-propyl-	184	C13H28	031081-18-2	43
4	Decane, 3,7-dimethyl-	170	C12H26	017312-54-8	43
5	1-Methylpentyl isobutyrate	172	C10H20O2	1000429-31-7	38





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Sample : Q2600-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
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ClientSampleId :
TRENCH

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.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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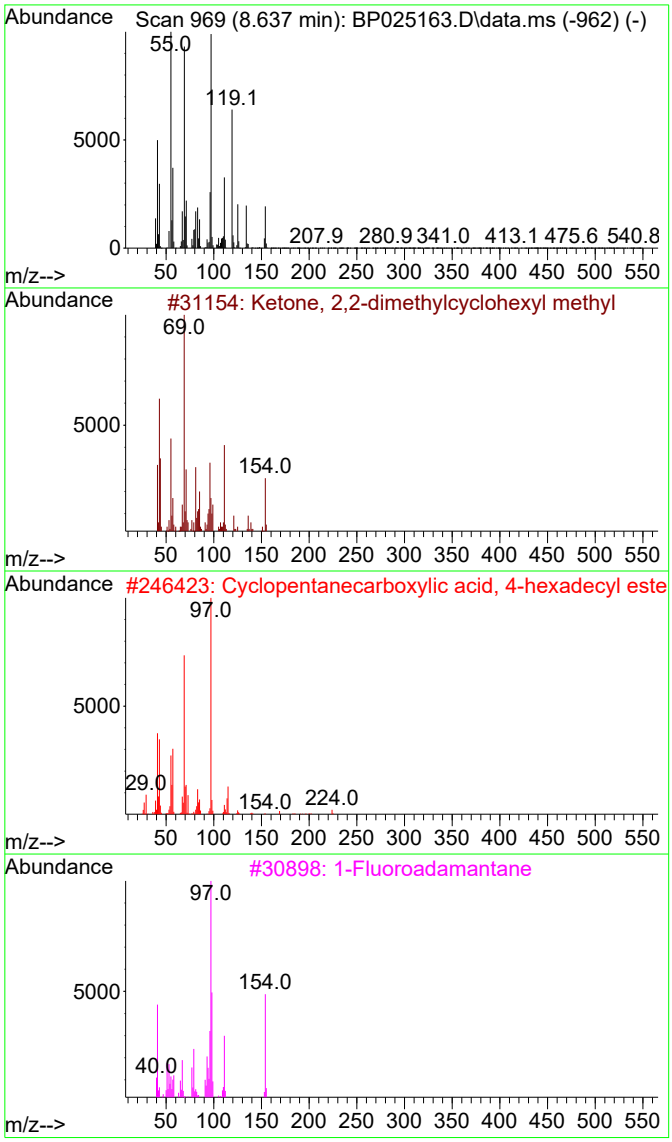
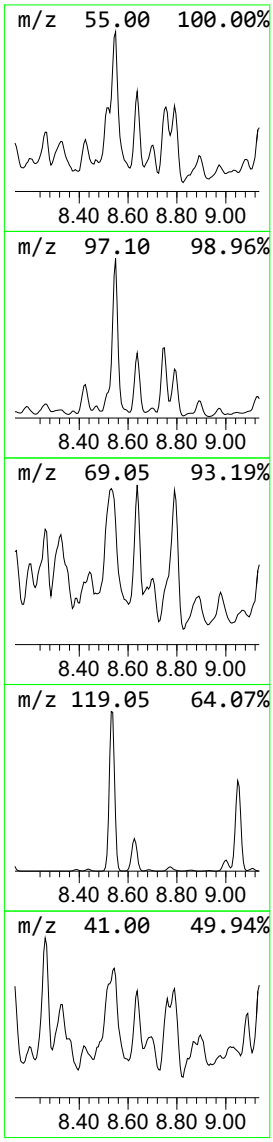
Peak Number 13 unknown8.637 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.637	10.02 ng	5561990	1,4-Dichlorobenzene-d4	7.437

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ketone, 2,2-dimethylcyclohexyl m...	154	C10H18O	017983-26-5	43
2	Cyclopentanecarboxylic acid, 4-h...	338	C22H42O2	1000282-77-5	43
3	1-Fluoroadamantane	154	C10H15F	000768-92-3	27
4	Sulfurous acid, cyclohexylmethyl...	402	C23H46O3S	1000309-22-4	27
5	2-Propionyl-6-methyl-3,4-dihydro...	154	C9H14O2	1000145-07-7	22





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

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

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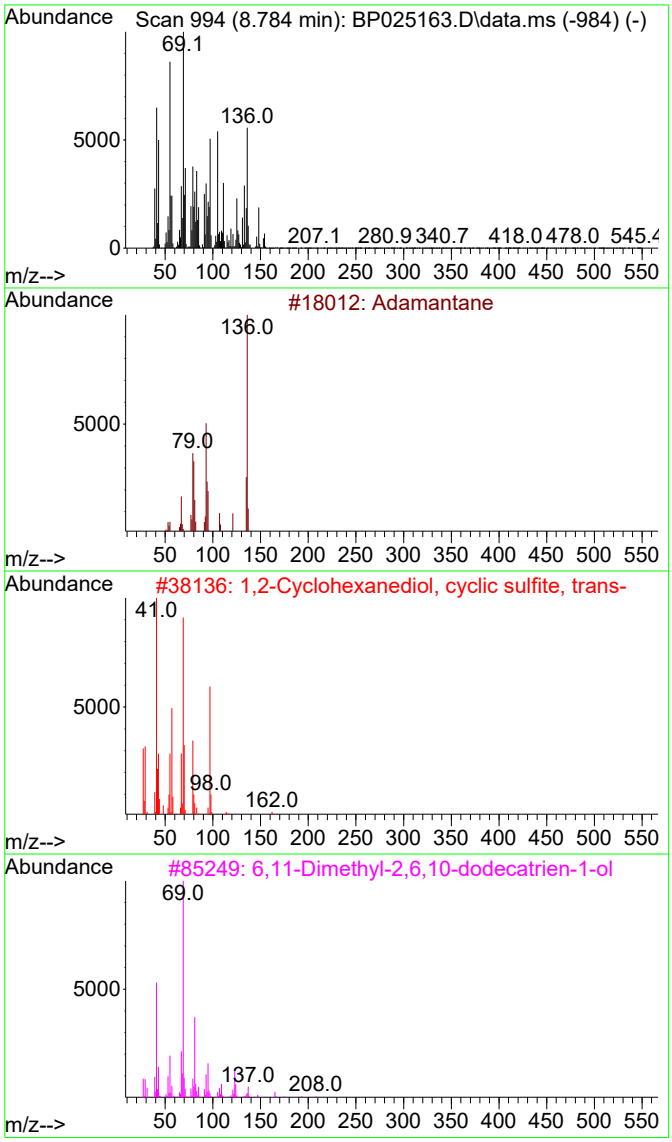
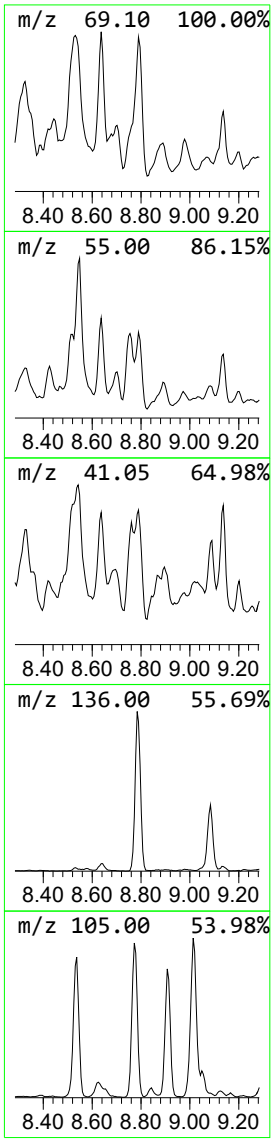
Peak Number 14 Adamantane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.784	21.62 ng	12005700	1,4-Dichlorobenzene-d4	7.437

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Adamantane	136	C10H16	000281-23-2	56
2	1,2-Cyclohexanediol, cyclic sulf...	162	C6H10O3S	019456-19-0	35
3	6,11-Dimethyl-2,6,10-dodecatrien...	208	C14H24O	1000196-53-3	27
4	1-Cyclopentylethanol, chlorodifl...	226	C9H13ClF2O2	1000376-25-2	27
5	Cyclopentane, 1,1,3,4-tetramethy...	126	C9H18	020309-77-7	22





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ALS Vial : 10 Sample Multiplier: 1

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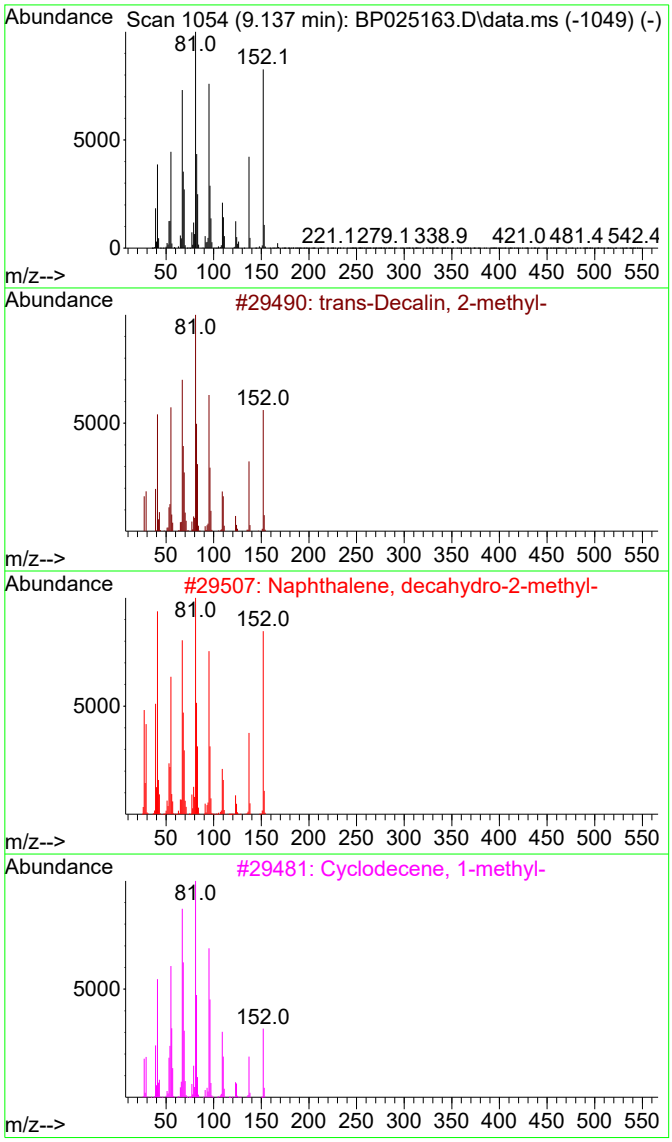
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

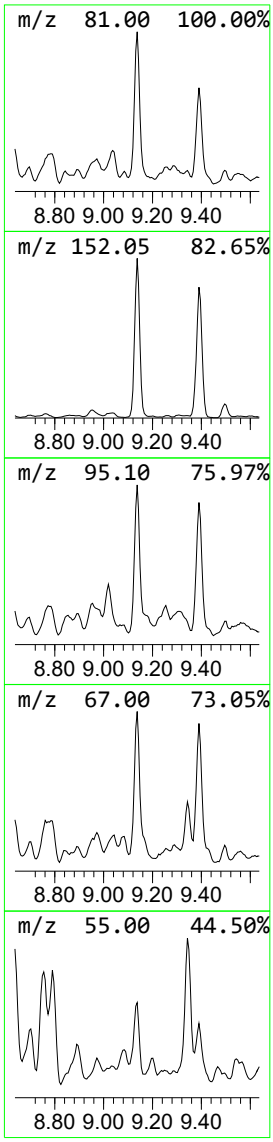
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 trans-Decalin, 2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.137	11.43 ng	5722070	Naphthalene-d8	10.190

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	97
2	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	97
3	Cyclodecene, 1-methyl-	152	C11H20	066633-38-3	87
4	Cyclohexanone, 5-methyl-2-(1-met...	152	C10H16O	015932-80-6	86
5	trans-4a-Methyl-decahydronaphtha...	152	C11H20	002547-27-5	76





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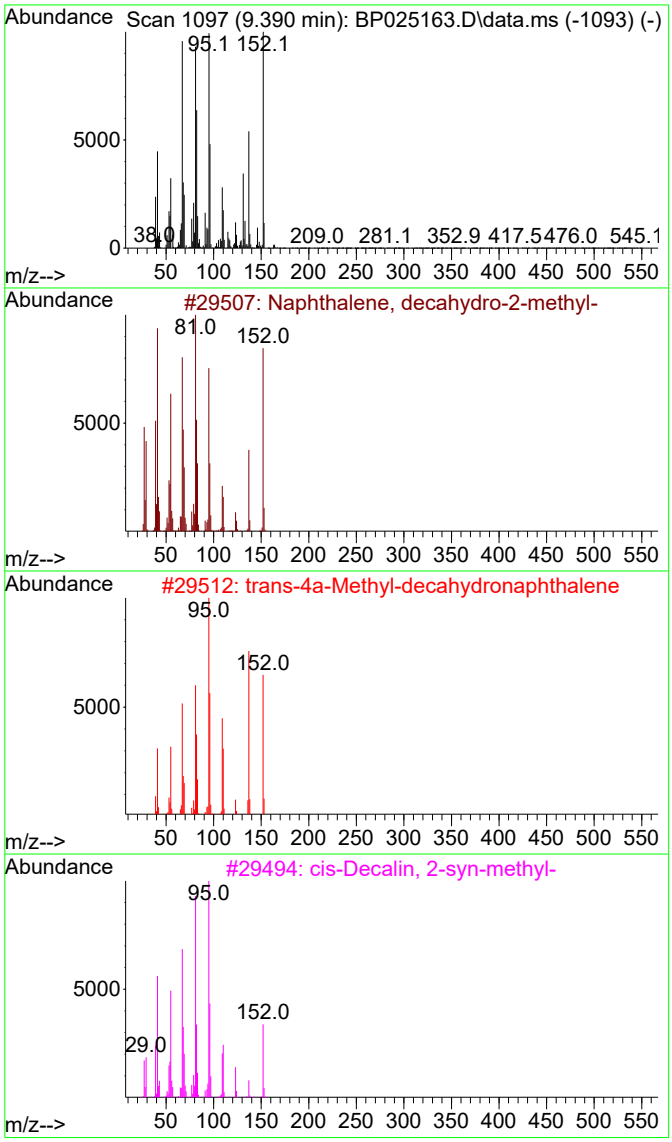
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

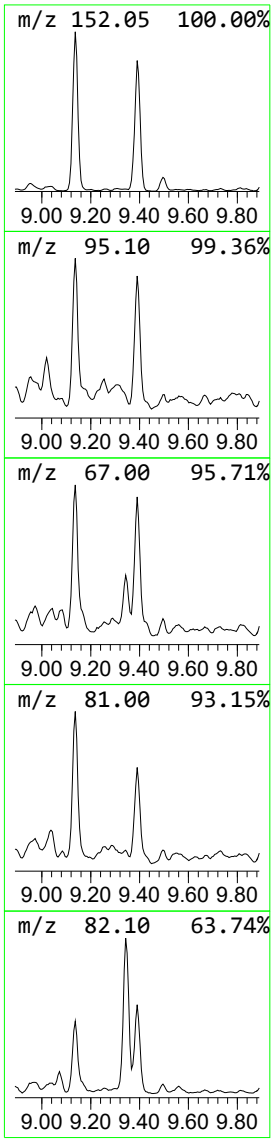
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Naphthalene, decahydro-2-me... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.390	14.91 ng	7464440	Naphthalene-d8	10.190

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	91
2	trans-4a-Methyl-decahydronaphtha...	152	C11H20	002547-27-5	81
3	cis-Decalin, 2-syn-methyl-	152	C11H20	1000155-85-6	80
4	Bicyclo[4.1.0]heptan-3-one, 4,7,...	152	C10H16O	004176-04-9	58
5	Furan, 2-hexyl-	152	C10H16O	003777-70-6	49





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Acq On : 16 Jul 2025 18:17
Operator : CG/JU
Sample : Q2600-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TRENCH

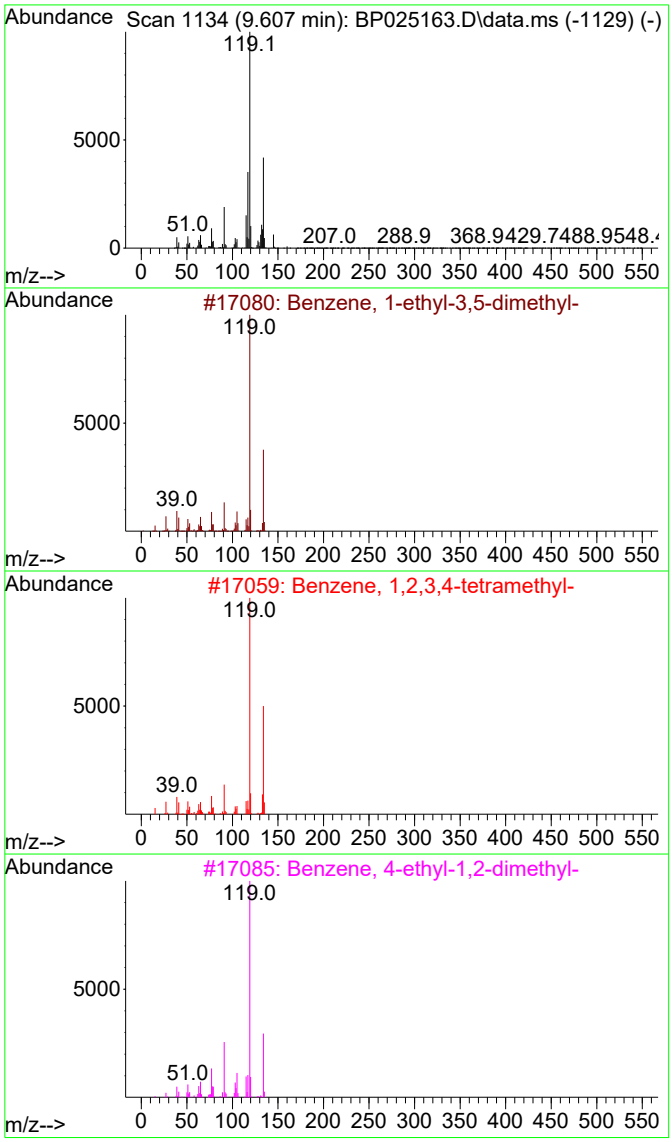
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

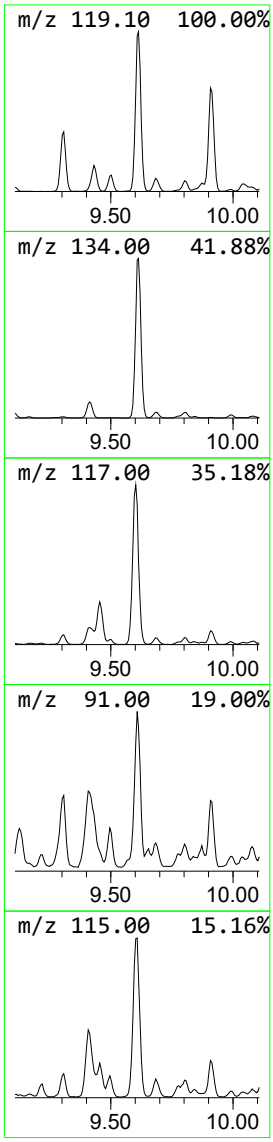
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 Benzene, 1-ethyl-3,5-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.607	13.20 ng	6606150	Naphthalene-d8	10.190

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	76
2	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	76
3	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	76
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	76
5	o-Cymene	134	C10H14	000527-84-4	76





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071625\
Data File : BP025163.D
Acq On : 16 Jul 2025 18:17
Operator : CG/JU
Sample : Q2600-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TRENCH

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.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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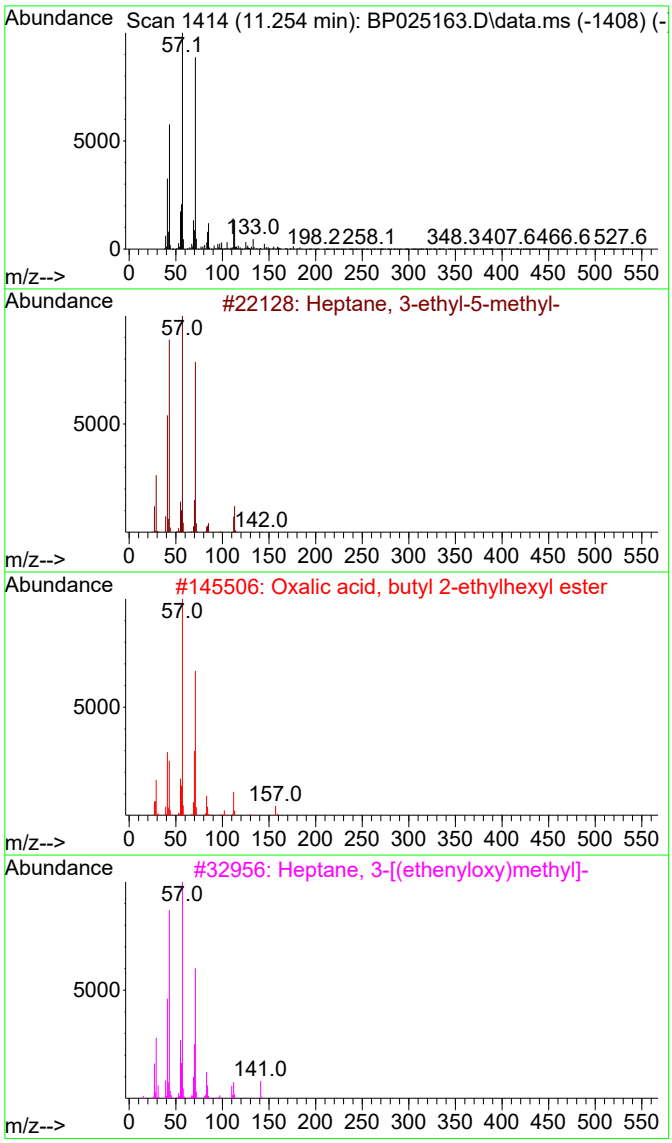
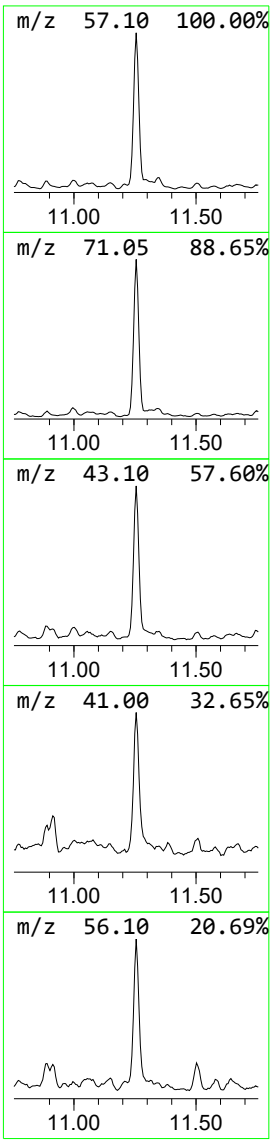
Peak Number 18 Heptane, 3-ethyl-5-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.255	11.02 ng	5515370	Naphthalene-d8	10.190

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 3-ethyl-5-methyl-	142	C10H22	052896-90-9	80
2	Oxalic acid, butyl 2-ethylhexyl ...	258	C14H26O4	1000309-38-6	64
3	Heptane, 3-[(ethenyloxy)methyl]-	156	C10H20O	000103-44-6	64
4	Sulfurous acid, isobutyl pentyl ...	208	C9H20O3S	1000309-13-8	50
5	Sulfurous acid, 2-ethylhexyl iso...	278	C14H30O3S	1000309-19-0	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071625\
Data File : BP025163.D
Acq On : 16 Jul 2025 18:17
Operator : CG/JU
Sample : Q2600-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TRENCH

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.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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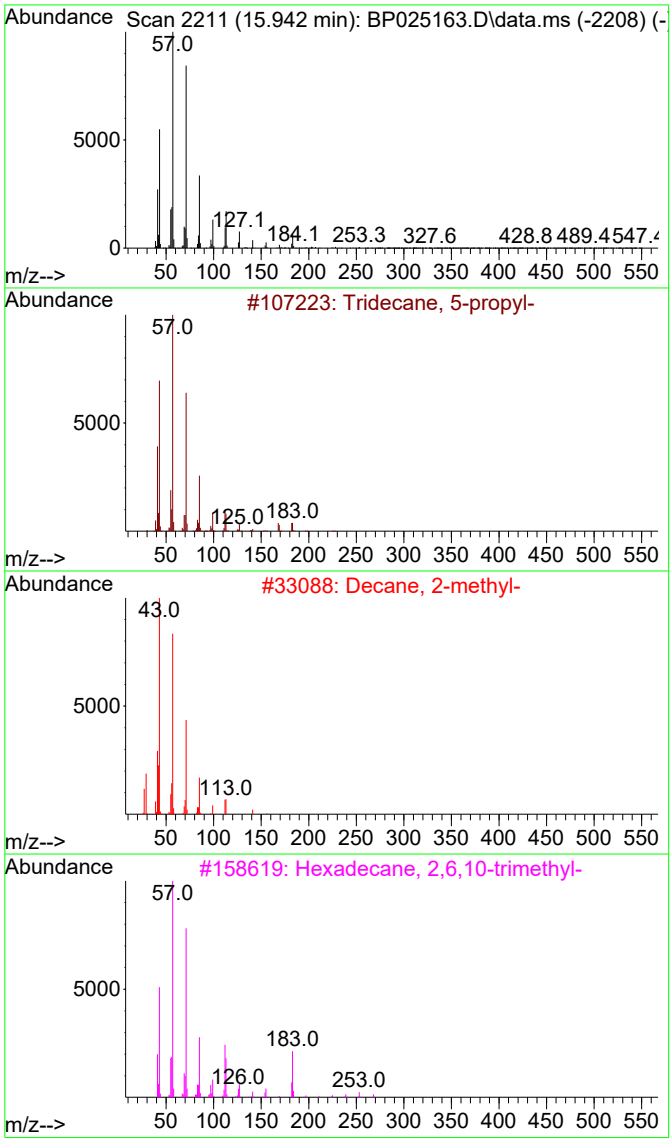
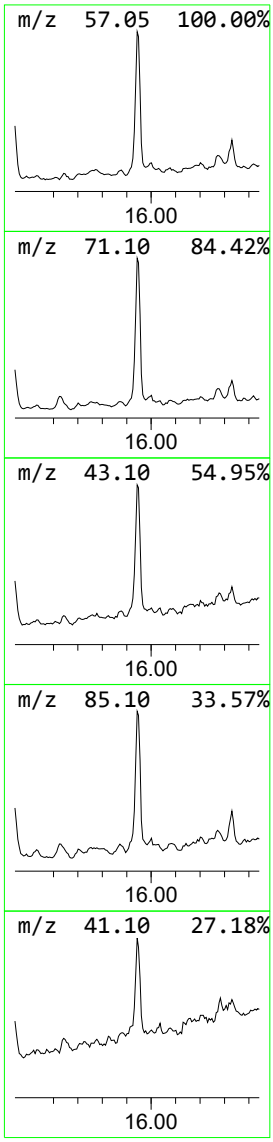
Peak Number 19 Tridecane, 5-propyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.943	9.75 ng	2872580	Phenanthrene-d10	16.931

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 5-propyl-	226	C16H34	055045-11-9	94
2	Decane, 2-methyl-	156	C11H24	006975-98-0	87
3	Hexadecane, 2,6,10-trimethyl-	268	C19H40	055000-52-7	86
4	Sulfurous acid, 2-ethylhexyl und...	348	C19H40O3S	1000309-19-4	80
5	Sulfurous acid, dodecyl 2-ethylh...	362	C20H42O3S	1000309-19-5	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071625\
Data File : BP025163.D
Acq On : 16 Jul 2025 18:17
Operator : CG/JU
Sample : Q2600-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TRENCH

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.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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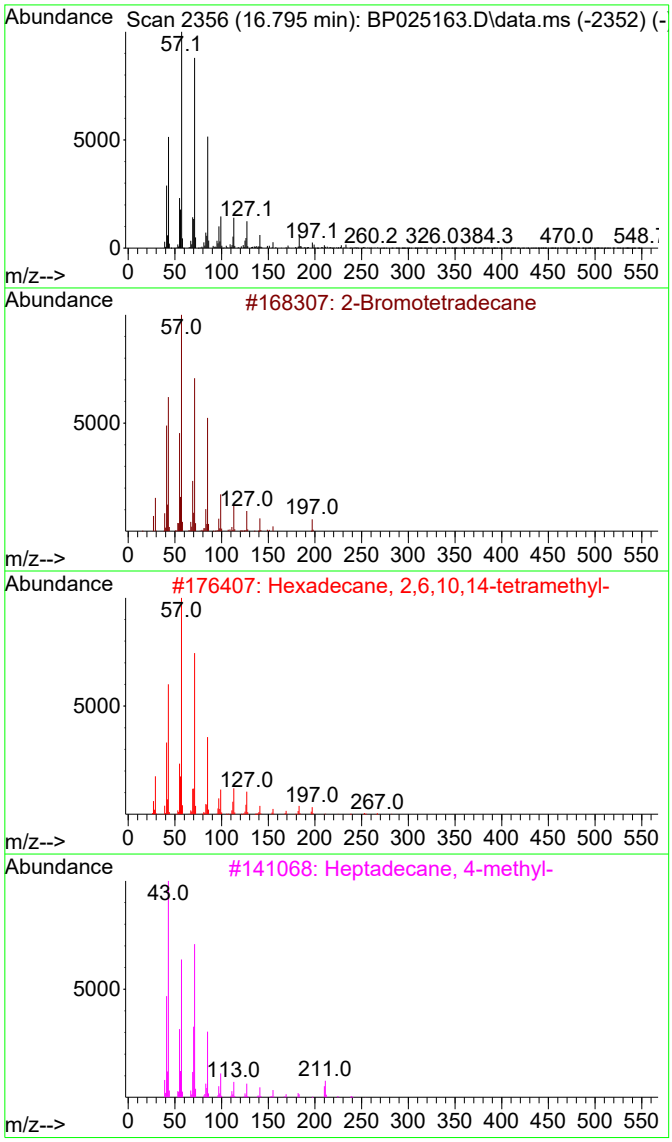
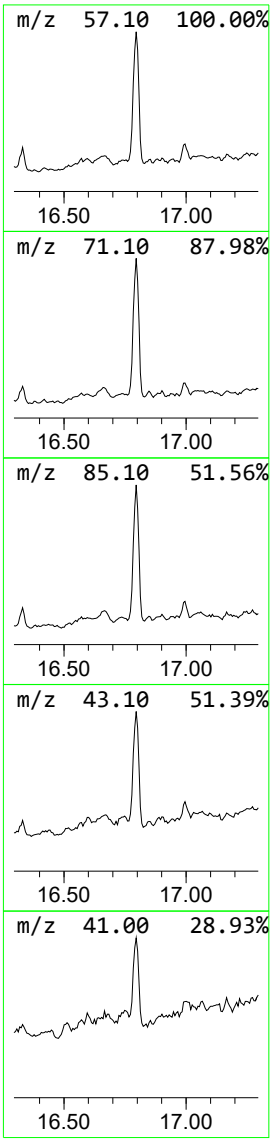
Peak Number 20 2-Bromotetradecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.795	15.38 ng	4534320	Phenanthrene-d10	16.931

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Bromotetradecane	276	C14H29Br	074036-95-6	91
2	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	91
3	Heptadecane, 4-methyl-	254	C18H38	026429-11-8	90
4	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	87
5	Hexadecane	226	C16H34	000544-76-3	86





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071625\
Data File : BP025163.D
Acq On : 16 Jul 2025 18:17
Operator : CG/JU
Sample : Q2600-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TRENCH

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.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
Cyclohexane, pr...	6.125	11.0	ng	6132490	1	7.437	11107000	20.0
Cyclohexane, 1-...	6.955	11.2	ng	6214530	1	7.437	11107000	20.0
Cyclohexane, 1-...	7.025	12.4	ng	6900170	1	7.437	11107000	20.0
Cyclooctanemeth...	7.149	8.4	ng	4653760	1	7.437	11107000	20.0
unknown7.531	7.531	8.2	ng	4558220	1	7.437	11107000	20.0
Tetratetracontane	7.655	13.2	ng	7308950	1	7.437	11107000	20.0
Cyclohexane, bu...	7.737	25.3	ng	14037200	1	7.437	11107000	20.0
Benzene, 1,4-di...	7.937	9.7	ng	5398910	1	7.437	11107000	20.0
unknown8.002	8.002	15.0	ng	8306360	1	7.437	11107000	20.0
Undecane, 2,9-d...	8.131	9.4	ng	5233930	1	7.437	11107000	20.0
Naphthalene, de...	8.261	16.4	ng	9098300	1	7.437	11107000	20.0
Heptane, 2,4-di...	8.325	11.5	ng	6394640	1	7.437	11107000	20.0
unknown8.637	8.637	10.0	ng	5561990	1	7.437	11107000	20.0
Adamantane	8.784	21.6	ng	12005700	1	7.437	11107000	20.0
trans-Decalin, ...	9.137	11.4	ng	5722070	2	10.190	10010900	20.0
Naphthalene, de...	9.390	14.9	ng	7464440	2	10.190	10010900	20.0
Benzene, 1-ethy...	9.607	13.2	ng	6606150	2	10.190	10010900	20.0
Heptane, 3-ethy...	11.255	11.0	ng	5515370	2	10.190	10010900	20.0
Tridecane, 5-pr...	15.943	9.8	ng	2872580	4	16.931	5895180	20.0
2-Bromotetradecane	16.795	15.4	ng	4534320	4	16.931	5895180	20.0