LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080725\
Data File : BP025322.D
Acq On : 07 Aug 2025 20:37
Operator : CG/JU
Sample : Q2784-01 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EO-01-080625

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-BP080525.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP025322.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.973	3	6	14	rVB	108027	162652	3.99%	0.236%
2	3.043	14	18	31	rVB	269026	368705	9.05%	0.534%
3	5.408	413	420	430	rBV	506104	739256	18.14%	1.071%
4	6.967	679	685	693	rVV	548687	960438	23.56%	1.392%
5	7.449	762	767	774	rBV2	263351	506253	12.42%	0.734%
6	7.802	821	827	833	rVB	1075178	1654198	40.59%	2.397%
7	7.925	844	848	857	rVB2	83024	157116	3.85%	0.228%
8	8.102	874	878	885	rVB3	104030	184720	4.53%	0.268%
9	8.349	914	920	926	rBV3	148478	288463	7.08%	0.418%
10	8.443	931	936	939	rBV2	163580	235461	5.78%	0.341%
11	8.578	953	959	961	rBV	121734	194013	4.76%	0.281%
12	8.802	992	997	1005	rVB	133310	238776	5.86%	0.346%
13	8.908	1006	1015	1017	rBV2	265292	561773	13.78%	0.814%
14	8.937	1017	1020	1026	rVV	324979	543457	13.33%	0.788%
15	9.031	1026	1036	1041	rVB	594092	1035082	25.40%	1.500%
16	9.155	1047	1057	1064	rBV7	212933	649447	15.93%	0.941%
17	9.231	1064	1070	1074	rBV2	127475	267421	6.56%	0.388%
18	9.290	1074	1080	1087	rVB6	112313	262476	6.44%	0.380%
19	9.478	1109	1112	1116	rVB	135982	165356	4.06%	0.240%
20	9.678	1137	1146	1150	rBV3	132885	309576	7.60%	0.449%
21	9.725	1150	1154	1158	rVV3	211220	337504	8.28%	0.489%
22	9.778	1158	1163	1170	rVV3	228889	568110	13.94%	0.823%
23	9.837	1170	1173	1176	rVV4	92662	174986	4.29%	0.254%
24	9.872	1177	1179	1184	rVV3	150466	194966	4.78%	0.283%
25	9.943	1184	1191	1194	rVV3	233549	381879	9.37%	0.553%
26	9.984	1194	1198	1202	rVV3	331415	626083	15.36%	0.907%
27	10.019	1202	1204	1206	rVV2	189172	237024	5.82%	0.344%
28	10.049	1207	1209	1214	rVV2	227145	317283	7.78%	0.460%
29	10.125	1217	1222	1227	rVV2	146040	360697	8.85%	0.523%
30	10.172	1227	1230	1233	rVV3	162666	282366	6.93%	0.409%
31	10.213	1234	1237	1244	rVB	202923	329280	8.08%	0.477%
32	10.290	1245	1250	1253	rBV	133968	209177	5.13%	0.303%
33	10.455	1273	1278	1280	rBV5	113372	175009	4.29%	0.254%
34	10.490	1281	1284	1289	rVV3	150666	296034	7.26%	0.429%
35	10.572	1290	1298	1304	rVV2	2233451	4075721	100.00%	5.907%
36	10.631	1304	1308	1315	rVV7	170957	521259	12.79%	0.755%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080725\
Data File : BP025322.D
Acq On : 07 Aug 2025 20:37
Operator : CG/JU
Sample : Q2784-01 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EO-01-080625

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-BP080525.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	10.696	1316	1319	1324	rVV4	166183	372362	9.14%	0.540%
38	10.755	1324	1329	1334	rVV	375181	622262	15.27%	0.902%
39	10.802	1334	1337	1347	rVV4	138833	334697	8.21%	0.485%
40	10.884	1347	1351	1355	rVB5	100678	171075	4.20%	0.248%
41	10.996	1366	1370	1374	rVV5	154208	300417	7.37%	0.435%
42	11.043	1374	1378	1381	rVV	187284	317168	7.78%	0.460%
43	11.078	1381	1384	1391	rVV3	226624	342720	8.41%	0.497%
44	11.155	1392	1397	1402	rVV3	132821	260165	6.38%	0.377%
45	11.290	1409	1420	1424	rVV6	293934	853823	20.95%	1.237%
46	11.355	1427	1431	1437	rVB3	178124	322853	7.92%	0.468%
47	11.425	1438	1443	1449	rBV4	216302	407103	9.99%	0.590%
48	11.502	1450	1456	1464	rVB6	229689	664607	16.31%	0.963%
49	11.625	1471	1477	1484	rBV4	732694	1516989	37.22%	2.199%
50	11.766	1496	1501	1510	rVB3	503656	894638	21.95%	1.297%
51	11.872	1516	1519	1523	rVV2	140954	197188	4.84%	0.286%
52	12.013	1537	1543	1554	rBV	1397082	2415159	59.26%	3.500%
53	12.119	1555	1561	1569	rVV3	315848	742313	18.21%	1.076%
54	12.231	1572	1580	1589	rVB5	289030	896940	22.01%	1.300%
55	12.325	1591	1596	1602	rBV5	112125	284542	6.98%	0.412%
56	12.449	1613	1617	1619	rVV5	117614	190407	4.67%	0.276%
57	12.490	1619	1624	1629	rVB2	522695	848023	20.81%	1.229%
58	12.566	1635	1637	1641	rVB	140257	176787	4.34%	0.256%
59	12.702	1655	1660	1665	rBV5	156238	325544	7.99%	0.472%
60	12.749	1665	1668	1673	rBV4	179686	287980	7.07%	0.417%
61	12.913	1691	1696	1701	rBV4	261863	517766	12.70%	0.750%
62	12.972	1701	1706	1711	rVV3	920722	1474960	36.19%	2.138%
63	13.037	1711	1717	1722	rVB	805559	1233823	30.27%	1.788%
64	13.260	1747	1755	1762	rBV	1659304	2668711	65.48%	3.868%
65	13.360	1767	1772	1777	rVV2	429762	836225	20.52%	1.212%
66	13.413	1779	1781	1787	rVB4	226185	332470	8.16%	0.482%
67	13.578	1805	1809	1813	rBV6	142313	246689	6.05%	0.358%
68	13.707	1827	1831	1832	rBV3	146149	199723	4.90%	0.289%
69	13.790	1840	1845	1849	rVB4	339474	579609	14.22%	0.840%
70	13.831	1849	1852	1858	rBV3	170625	309439	7.59%	0.448%
71	13.890	1858	1862	1863	rBV4	167803	240698	5.91%	0.349%
72	13.919	1863	1867	1871	rVV2	772028	1165933	28.61%	1.690%
73	13.960	1871	1874	1880	rVB4	215427	331404	8.13%	0.480%
74	14.043	1885	1888	1894	rVB4	166582	206410	5.06%	0.299%
75	14.137	1901	1904	1908	rVB4	188701	224118	5.50%	0.325%
76	14.343	1934	1939	1944	rBV	1562649	2159101	52.97%	3.129%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080725\
Data File : BP025322.D
Acq On : 07 Aug 2025 20:37
Operator : CG/JU
Sample : Q2784-01 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EO-01-080625

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-BP080525.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	14.425	1947	1953	1958	rVV	2039248	3018199	74.05%	4.374%
78	14.854	2023	2026	2030	rVB	195257	237755	5.83%	0.345%
79	14.901	2031	2034	2038	rVB3	194630	244421	6.00%	0.354%
80	14.966	2041	2045	2054	rVB5	350168	667668	16.38%	0.968%
81	15.043	2054	2058	2063	rBV2	152609	313666	7.70%	0.455%
82	15.301	2097	2102	2107	rVB	1045490	1453281	35.66%	2.106%
83	15.725	2167	2174	2179	rBV	370524	644585	15.82%	0.934%
84	15.801	2184	2187	2195	rVV2	124736	249679	6.13%	0.362%
85	15.872	2196	2199	2203	rVV2	104010	189132	4.64%	0.274%
86	15.925	2204	2208	2218	rVB2	673157	1043816	25.61%	1.513%
87	16.190	2248	2253	2256	rBV	656835	1015834	24.92%	1.472%
88	16.213	2256	2257	2265	rVB	390071	389122	9.55%	0.564%
89	16.995	2386	2390	2395	rBV	317793	397571	9.75%	0.576%
90	17.054	2397	2400	2411	rVB	188969	311080	7.63%	0.451%
91	17.213	2421	2427	2432	rBV2	2086771	3173766	77.87%	4.600%
92	17.260	2432	2435	2440	rVB	124297	189882	4.66%	0.275%
93	17.760	2517	2520	2525	rVB	139794	186776	4.58%	0.271%
94	18.160	2585	2588	2596	rVB2	217625	360083	8.83%	0.522%
95	19.336	2784	2788	2794	rBV	353374	489960	12.02%	0.710%
96	19.489	2810	2814	2818	rBV5	113576	189404	4.65%	0.275%
97	19.707	2847	2851	2854	rBV	286388	370031	9.08%	0.536%
98	19.936	2885	2890	2897	rBV	1295886	1711579	41.99%	2.481%
99	21.648	3175	3181	3186	rBV2	2139374	3359257	82.42%	4.869%
100	25.030	3749	3756	3765	rVB	1414314	3747845	91.96%	5.432%

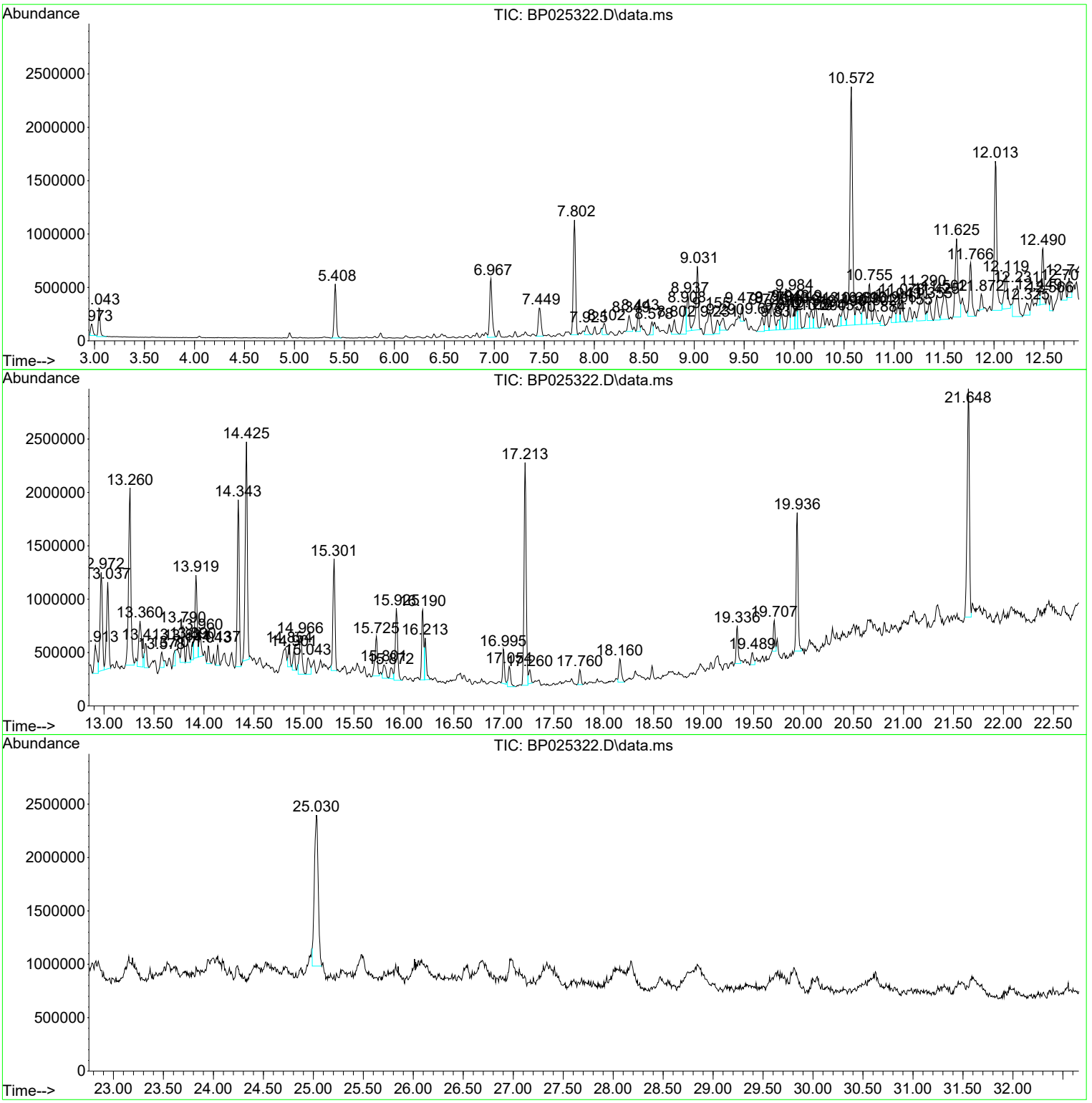
Sum of corrected areas: 68999250

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080725\
Data File : BP025322.D
Acq On : 07 Aug 2025 20:37
Operator : CG/JU
Sample : Q2784-01 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EO-01-080625

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.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\BP080725\
Data File : BP025322.D
Acq On : 07 Aug 2025 20:37
Operator : CG/JU
Sample : Q2784-01 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EO-01-080625

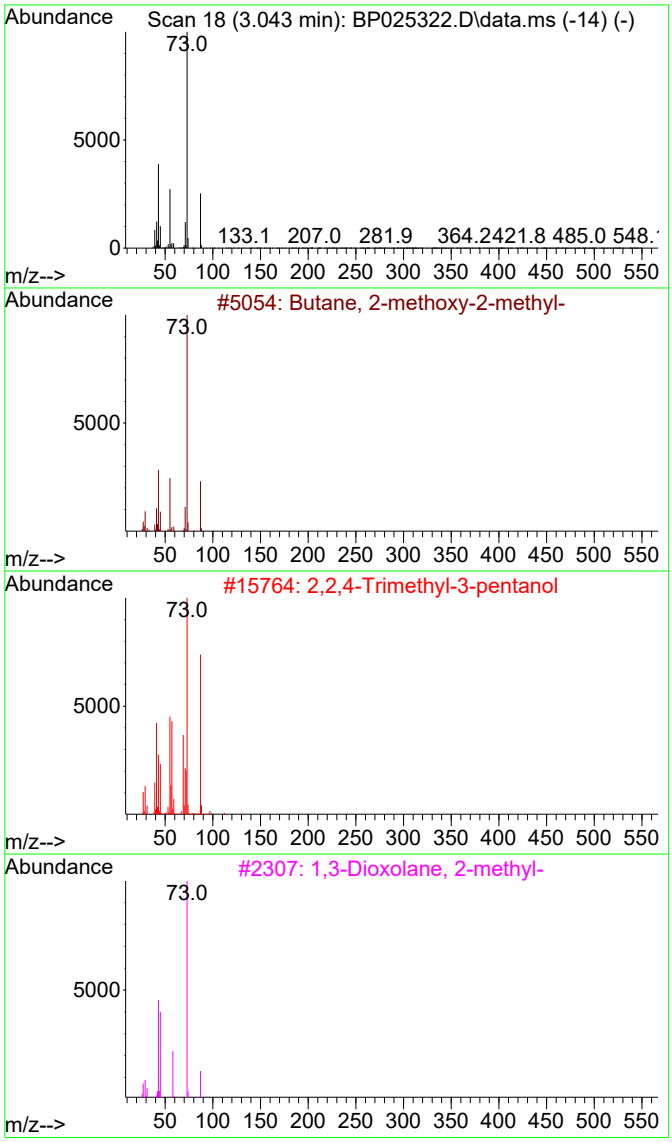
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

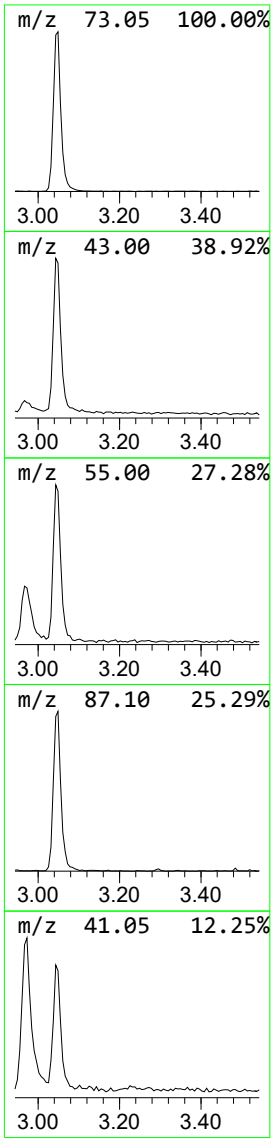
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.043	4.46 ng	368705	1,4-Dichlorobenzene-d4	7.802

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	38
4	Silane, tetramethyl-	88	C4H12Si	000075-76-3	17
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080725\
Data File : BP025322.D
Acq On : 07 Aug 2025 20:37
Operator : CG/JU
Sample : Q2784-01 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EO-01-080625

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

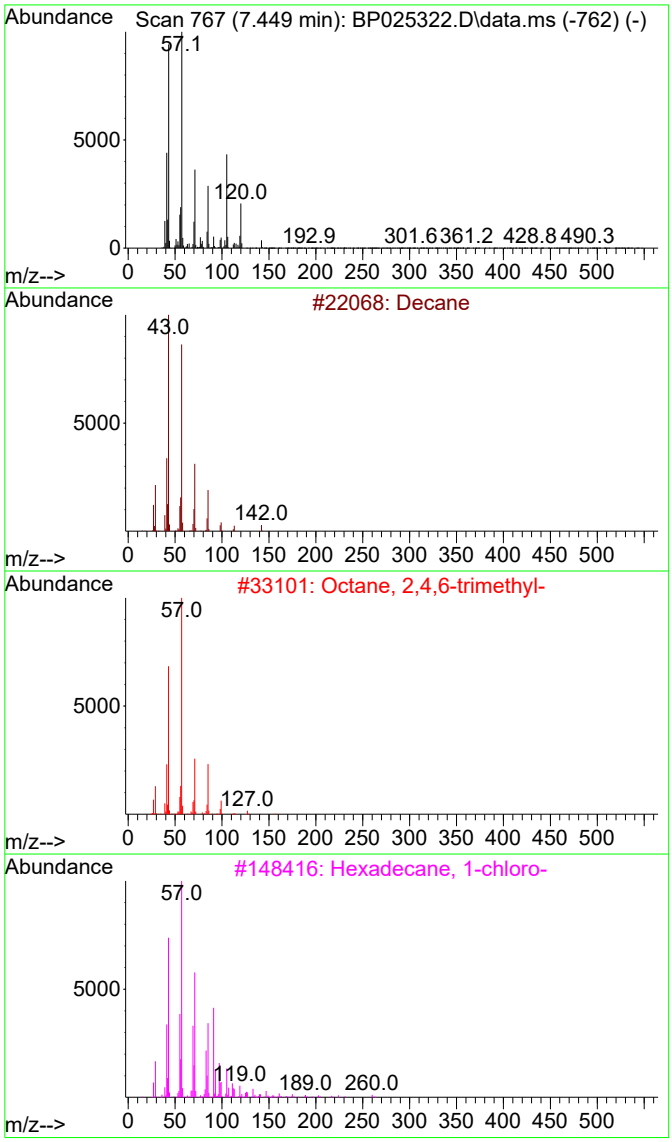
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

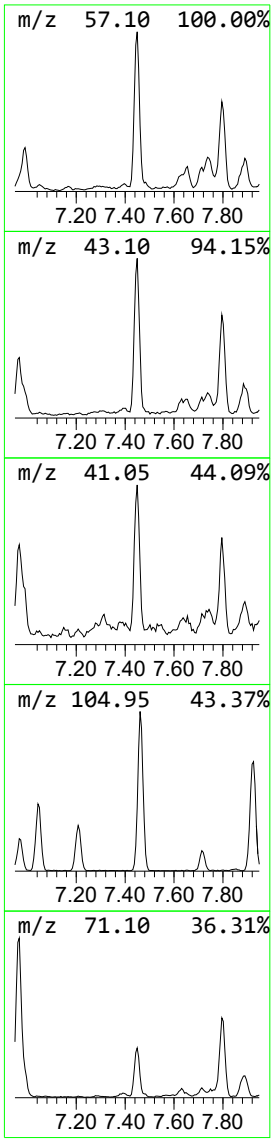
****

Peak Number 2 Decane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.449	6.12 ng	506253	1,4-Dichlorobenzene-d4	7.802

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane	142	C10H22	000124-18-5	86
2	Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	46
3	Hexadecane, 1-chloro-	260	C16H33Cl	004860-03-1	43
4	Nonane	128	C9H20	000111-84-2	43
5	Octane, 4-ethyl-	142	C10H22	015869-86-0	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080725\
Data File : BP025322.D
Acq On : 07 Aug 2025 20:37
Operator : CG/JU
Sample : Q2784-01 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EO-01-080625

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

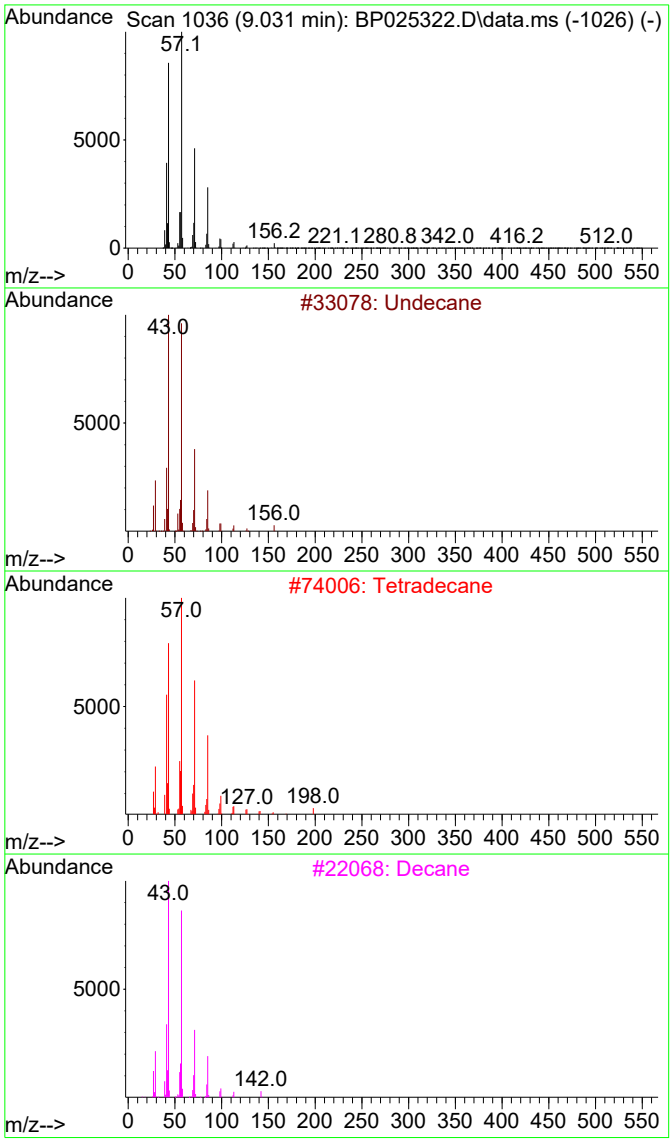
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

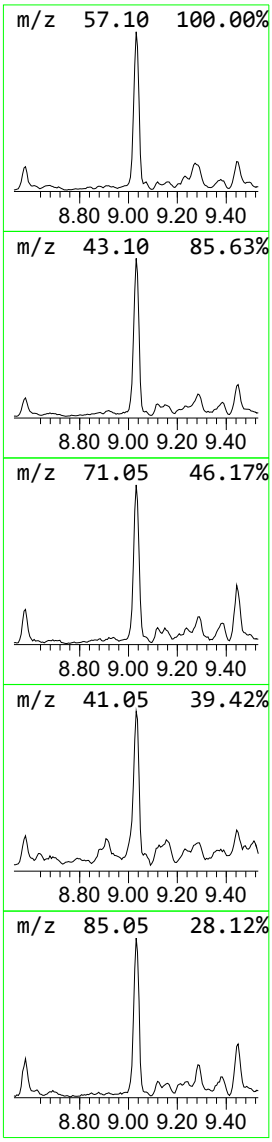
****

Peak Number 3 Undecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.031	12.51 ng	1035080	1,4-Dichlorobenzene-d4	7.802

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane	156	C11H24	001120-21-4	93
2	Tetradecane	198	C14H30	000629-59-4	90
3	Decane	142	C10H22	000124-18-5	90
4	Hexadecane	226	C16H34	000544-76-3	86
5	Carbonic acid, prop-1-en-2-yl te...	298	C18H34O3	1000382-90-9	83





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080725\
Data File : BP025322.D
Acq On : 07 Aug 2025 20:37
Operator : CG/JU
Sample : Q2784-01 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EO-01-080625

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

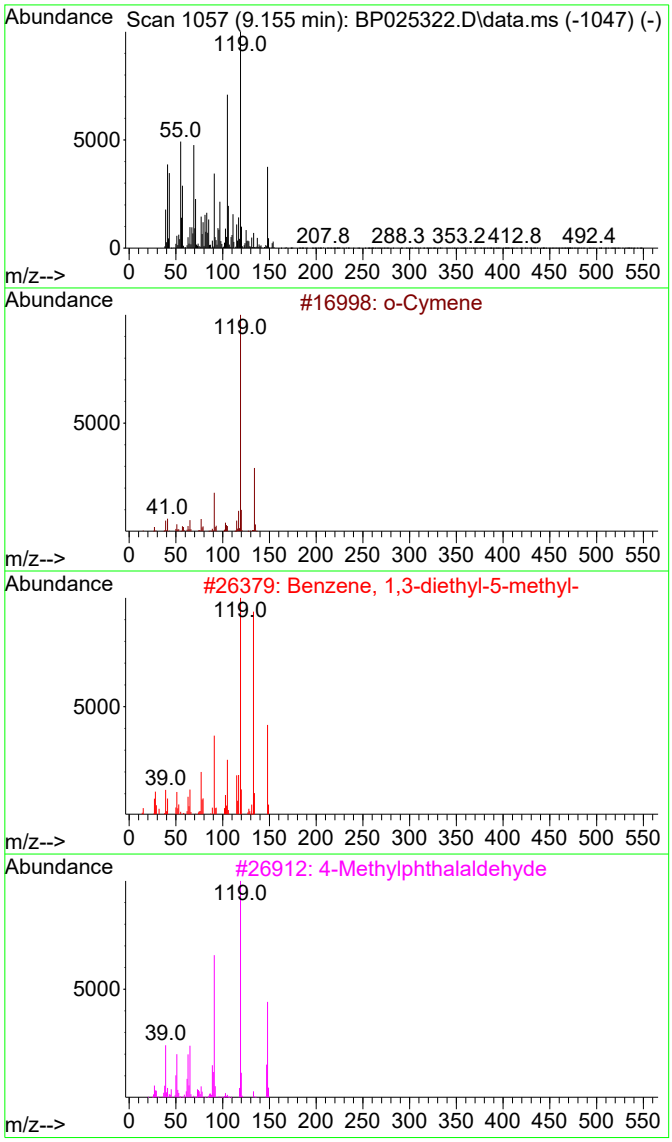
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

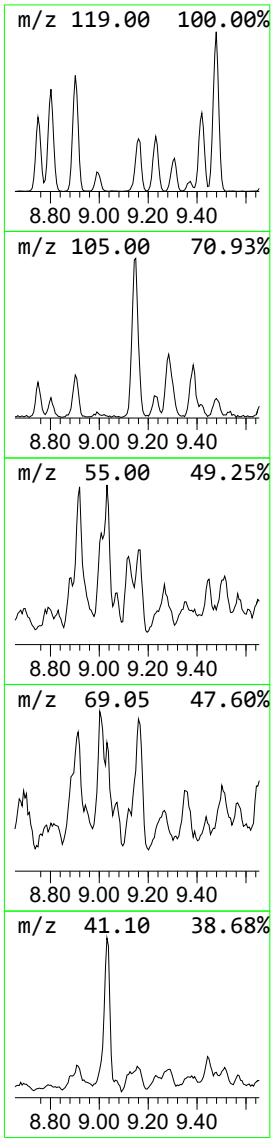
****

Peak Number 4 o-Cymene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.155	7.85 ng	649447	1,4-Dichlorobenzene-d4	7.802

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	55
2	Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	52
3	4-Methylphthalaldehyde	148	C9H8O2	015158-36-8	49
4	Benzene, 4-(chloromethyl)-1,2-di...	154	C9H11Cl	000102-46-5	49
5	Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	49





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080725\
Data File : BP025322.D
Acq On : 07 Aug 2025 20:37
Operator : CG/JU
Sample : Q2784-01 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EO-01-080625

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

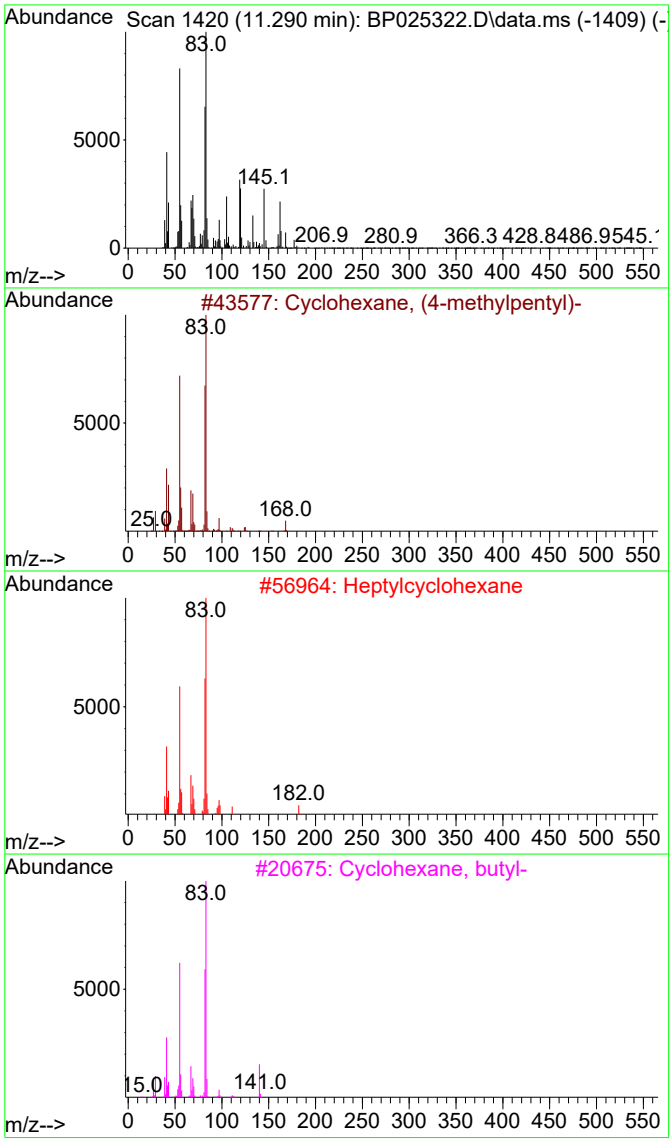
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

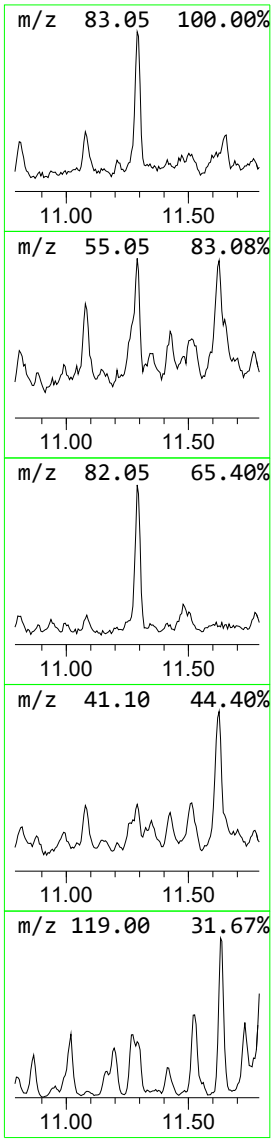
****

Peak Number 5 Cyclohexane, (4-methylpentyl)- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.290	4.19 ng	853823	Naphthalene-d8	10.572

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, (4-methylpentyl)-	168	C12H24	061142-20-9	50
2	Heptylcyclohexane	182	C13H26	005617-41-4	50
3	Cyclohexane, butyl-	140	C10H20	001678-93-9	38
4	Cyclohexane, decyl-	224	C16H32	001795-16-0	38
5	Cyclohexane, propyl-	126	C9H18	001678-92-8	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080725\
Data File : BP025322.D
Acq On : 07 Aug 2025 20:37
Operator : CG/JU
Sample : Q2784-01 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EO-01-080625

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

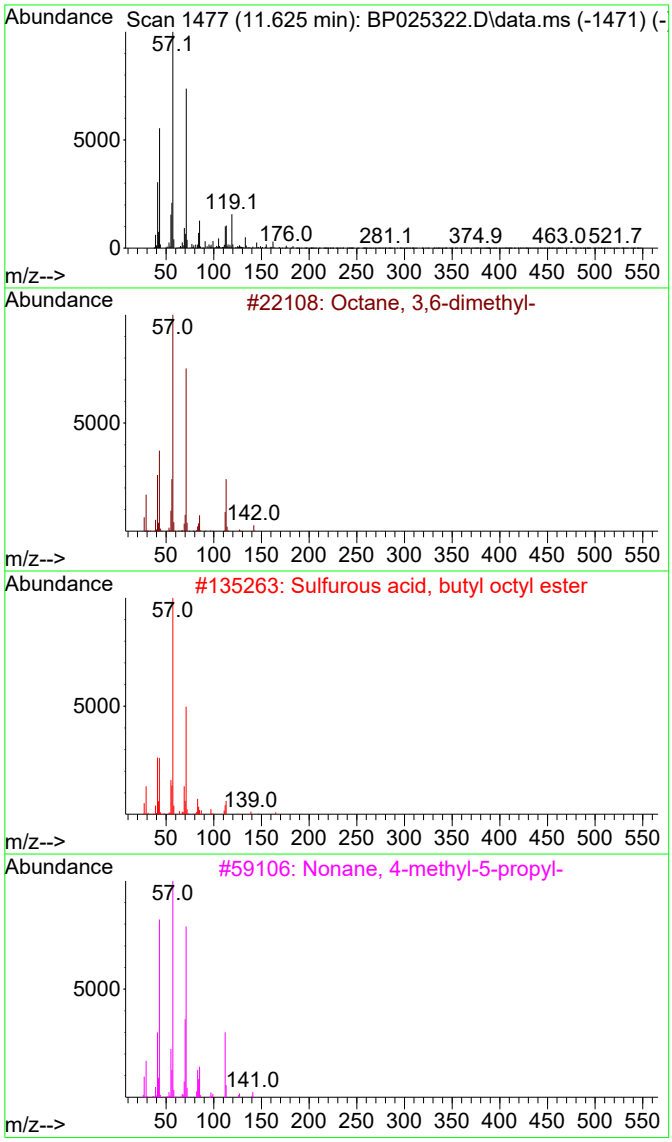
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

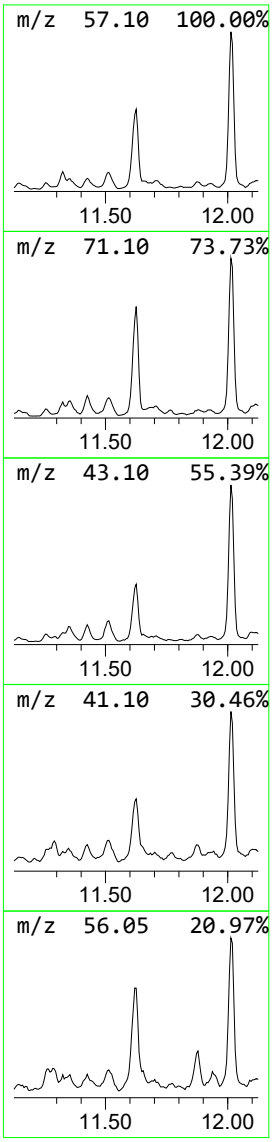
****

Peak Number 6 Octane, 3,6-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.625	7.44 ng	1516990	Naphthalene-d8	10.572

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	72
2	Sulfurous acid, butyl octyl ester	250	C12H26O3S	1000309-17-5	64
3	Nonane, 4-methyl-5-propyl-	184	C13H28	062185-55-1	64
4	Oxalic acid, bis(2-ethylhexyl) e...	314	C18H34O4	1000309-39-0	59
5	Butane, 2,2-dimethyl-	86	C6H14	000075-83-2	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080725\
Data File : BP025322.D
Acq On : 07 Aug 2025 20:37
Operator : CG/JU
Sample : Q2784-01 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EO-01-080625

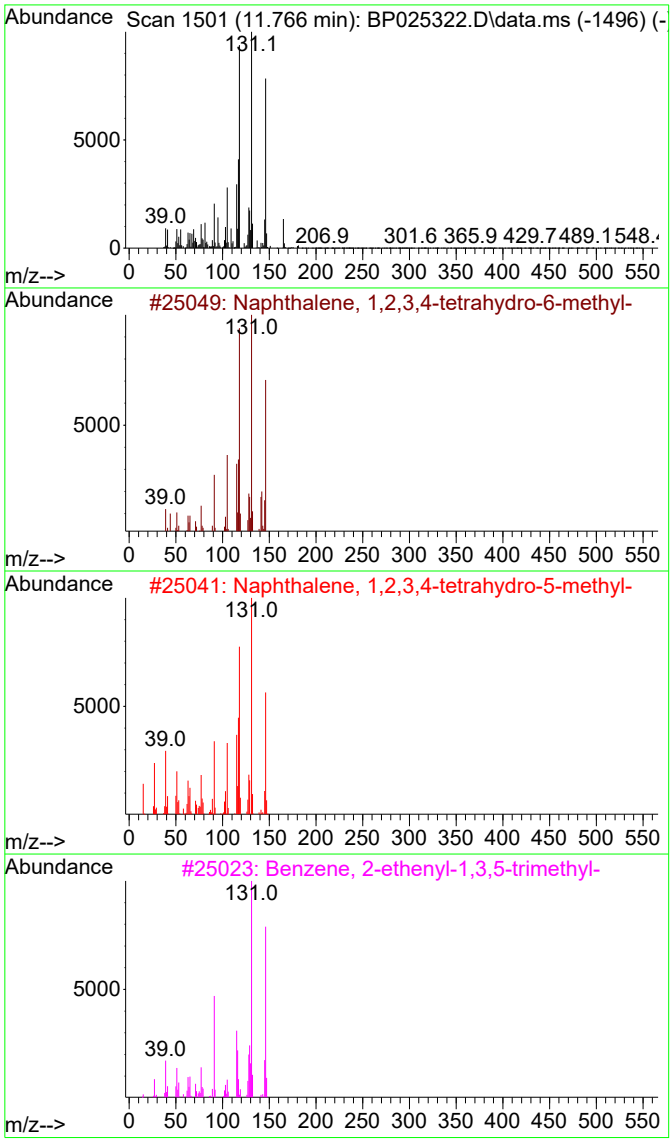
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

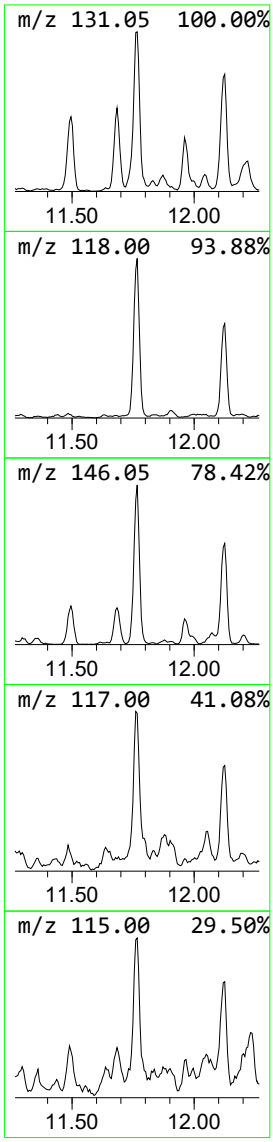
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.766	4.39 ng	894638	Naphthalene-d8	10.572

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	94
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	94
3	Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	83
4	1H-1,3,2-Benzodiazaborole, 2-eth...	146	C8H11BN2	074663-81-3	81
5	2,3,4,5,6,7-Hexahydro-1H-cyclope...	146	C11H14	1010189-31-0	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080725\
Data File : BP025322.D
Acq On : 07 Aug 2025 20:37
Operator : CG/JU
Sample : Q2784-01 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EO-01-080625

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

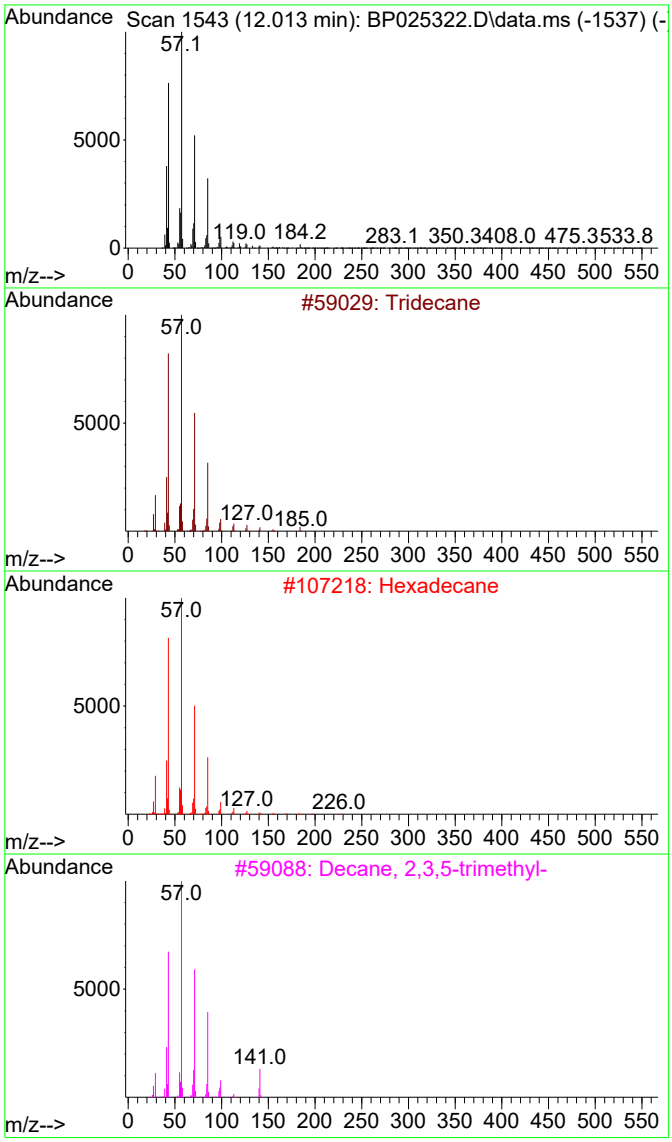
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

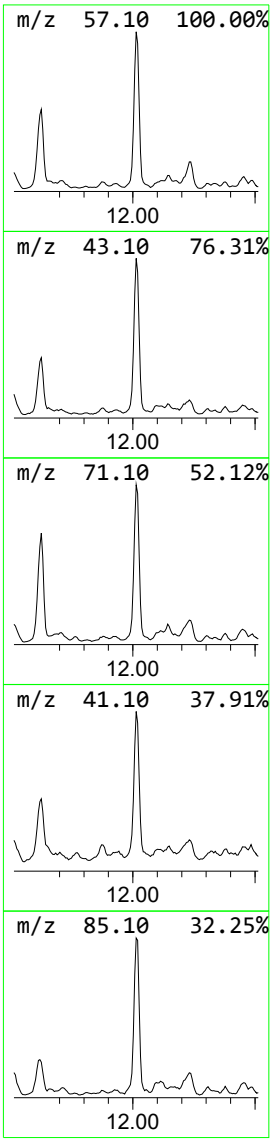
****

Peak Number 8 Tridecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.013	11.85 ng	2415160	Naphthalene-d8	10.572

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	93
2	Hexadecane	226	C16H34	000544-76-3	90
3	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	90
4	Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	90
5	Tetradecane	198	C14H30	000629-59-4	86





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080725\
Data File : BP025322.D
Acq On : 07 Aug 2025 20:37
Operator : CG/JU
Sample : Q2784-01 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EO-01-080625

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

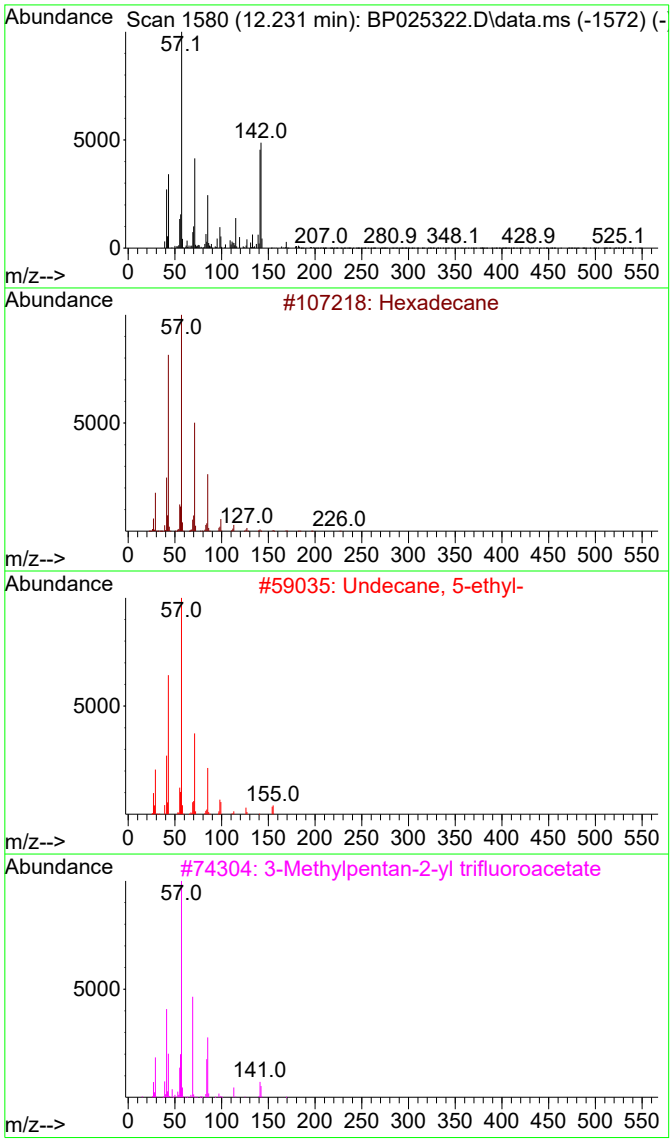
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

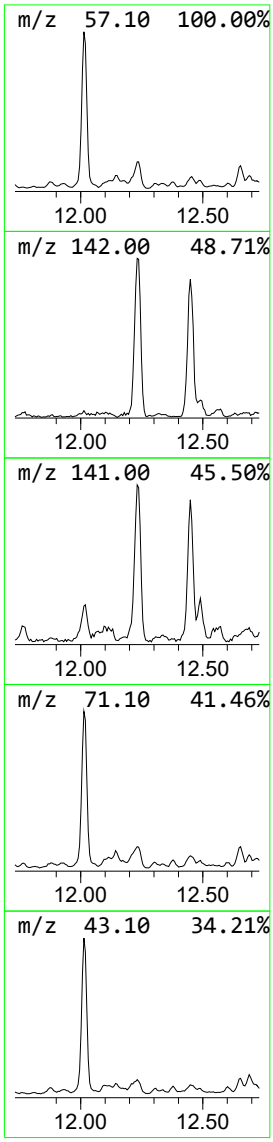
****

Peak Number 9 unknown12.231 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.231	4.40 ng	896940	Naphthalene-d8	10.572

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	35
2	Undecane, 5-ethyl-	184	C13H28	017453-94-0	35
3	3-Methylpentan-2-yl trifluoroace...	198	C8H13F3O2	155090-02-1	35
4	Tridecane	184	C13H28	000629-50-5	27
5	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	27





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080725\
Data File : BP025322.D
Acq On : 07 Aug 2025 20:37
Operator : CG/JU
Sample : Q2784-01 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EO-01-080625

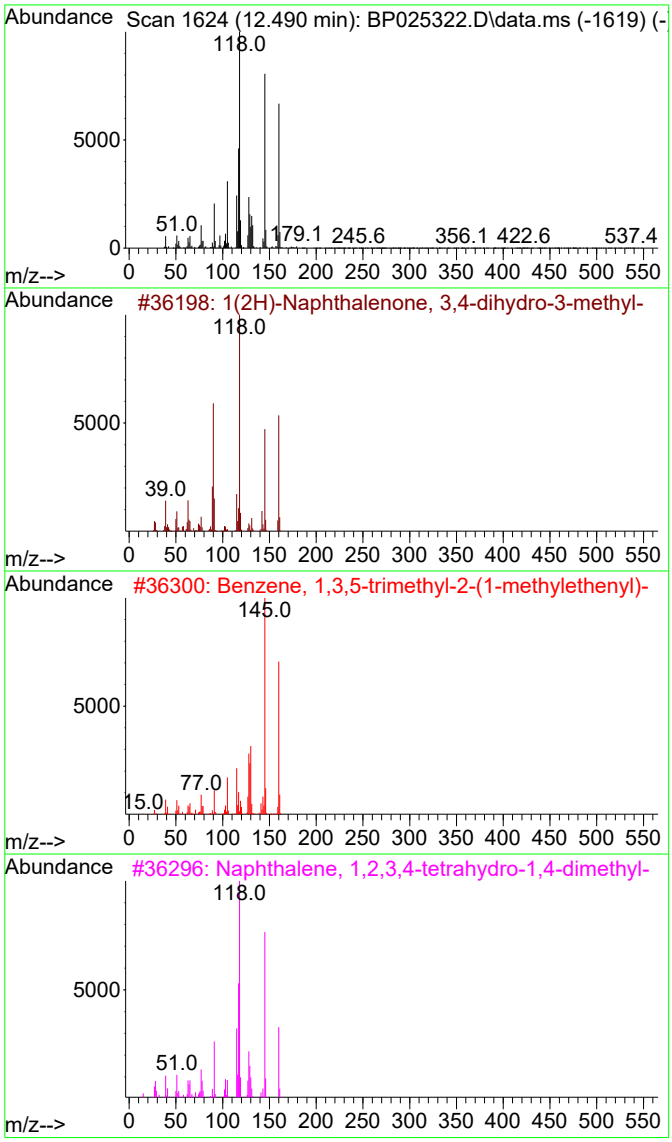
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

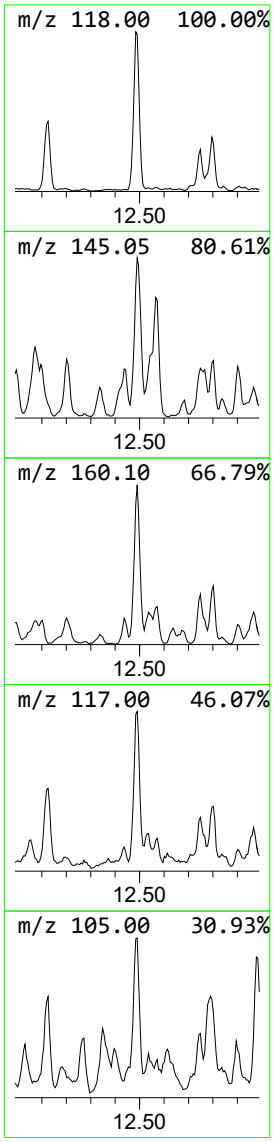
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 1(2H)-Naphthalenone, 3,4-di... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.490	4.16 ng	848023	Naphthalene-d8	10.572

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1(2H)-Naphthalenone, 3,4-dihydro...	160	C11H12O	014944-23-1	68
2	Benzene, 1,3,5-trimethyl-2-(1-me...	160	C12H16	014679-13-1	64
3	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	64
4	Benzene, (3-methyl-1-methylenebu...	160	C12H16	038212-14-5	64
5	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	013065-07-1	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080725\
Data File : BP025322.D
Acq On : 07 Aug 2025 20:37
Operator : CG/JU
Sample : Q2784-01 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EO-01-080625

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

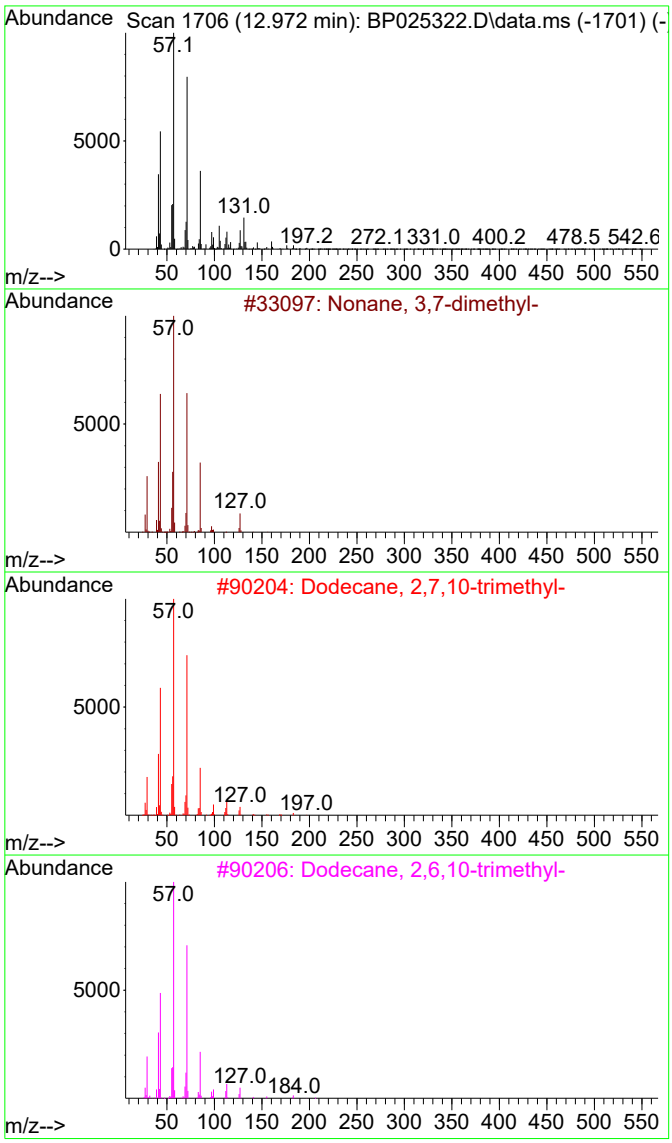
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

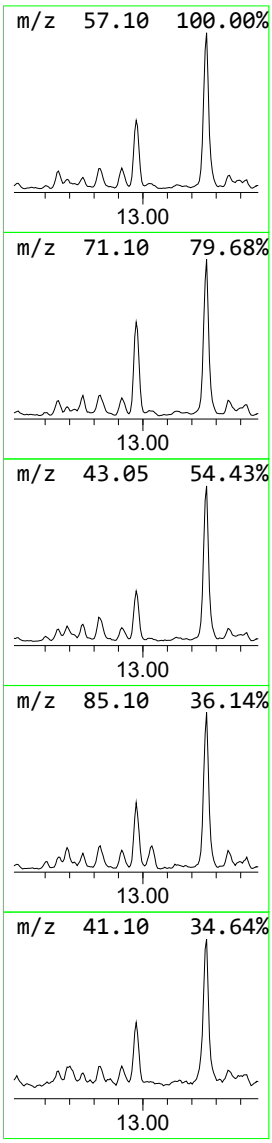
****

Peak Number 11 Nonane, 3,7-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.972	9.77 ng	1474960	Acenaphthene-d10	14.425

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	81
2	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	80
3	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	80
4	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	72
5	Bacchotricuneatin c	342	C20H22O5	066563-30-2	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080725\
Data File : BP025322.D
Acq On : 07 Aug 2025 20:37
Operator : CG/JU
Sample : Q2784-01 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EO-01-080625

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

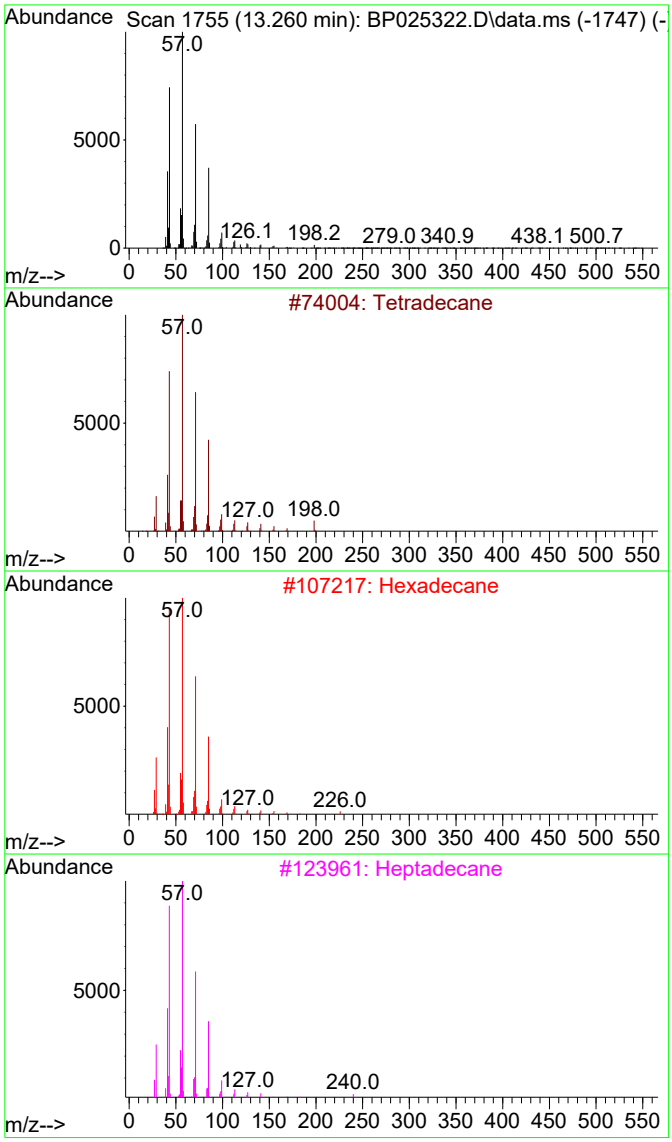
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

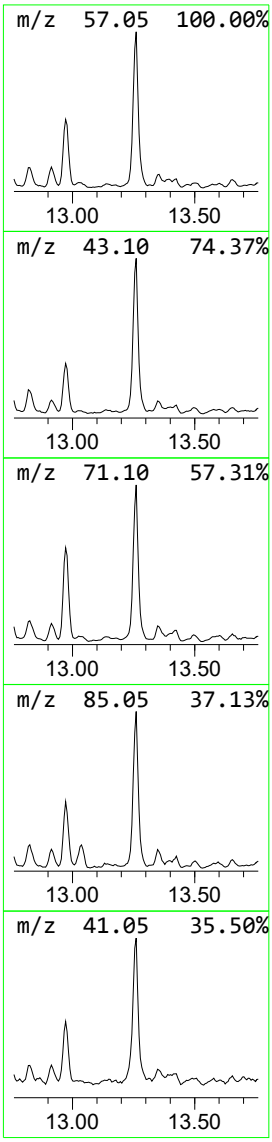
****

Peak Number 12 Tetradecane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.260	17.68 ng	2668710	Acenaphthene-d10	14.425

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	91
2	Hexadecane	226	C16H34	000544-76-3	90
3	Heptadecane	240	C17H36	000629-78-7	90
4	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	78
5	Tridecane, 6-methyl-	198	C14H30	013287-21-3	68





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080725\
Data File : BP025322.D
Acq On : 07 Aug 2025 20:37
Operator : CG/JU
Sample : Q2784-01 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EO-01-080625

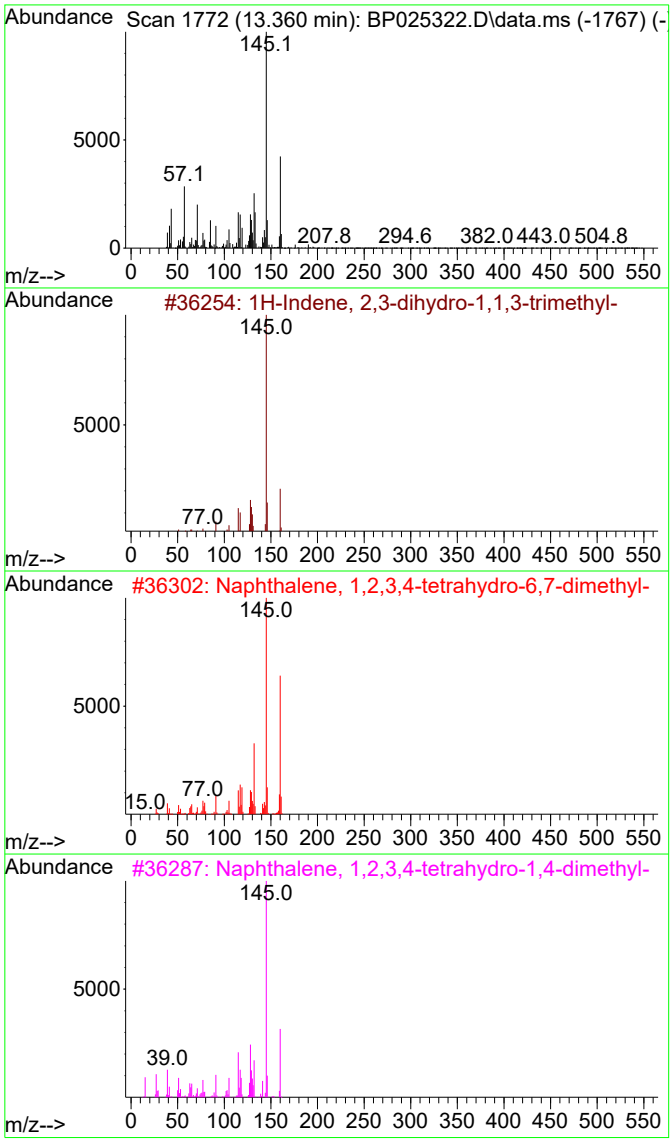
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

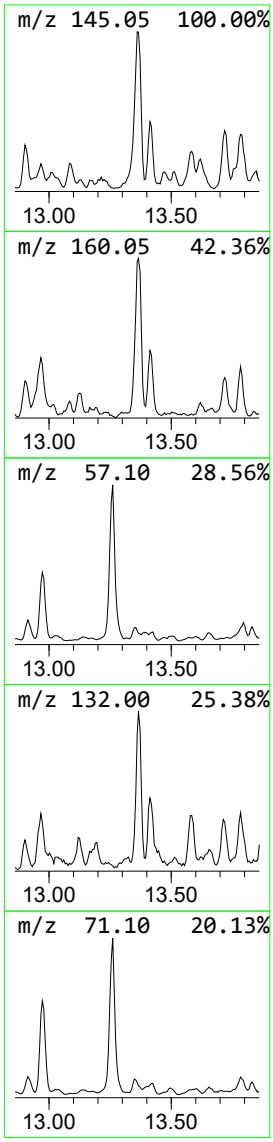
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 1H-Indene, 2,3-dihydro-1,1,... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.360	5.54 ng	836225	Acenaphthene-d10	14.425

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,1,3-tri...	160	C12H16	002613-76-5	96
2	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	001076-61-5	95
3	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	94
4	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021693-54-9	94
5	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	020027-77-4	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080725\
Data File : BP025322.D
Acq On : 07 Aug 2025 20:37
Operator : CG/JU
Sample : Q2784-01 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EO-01-080625

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

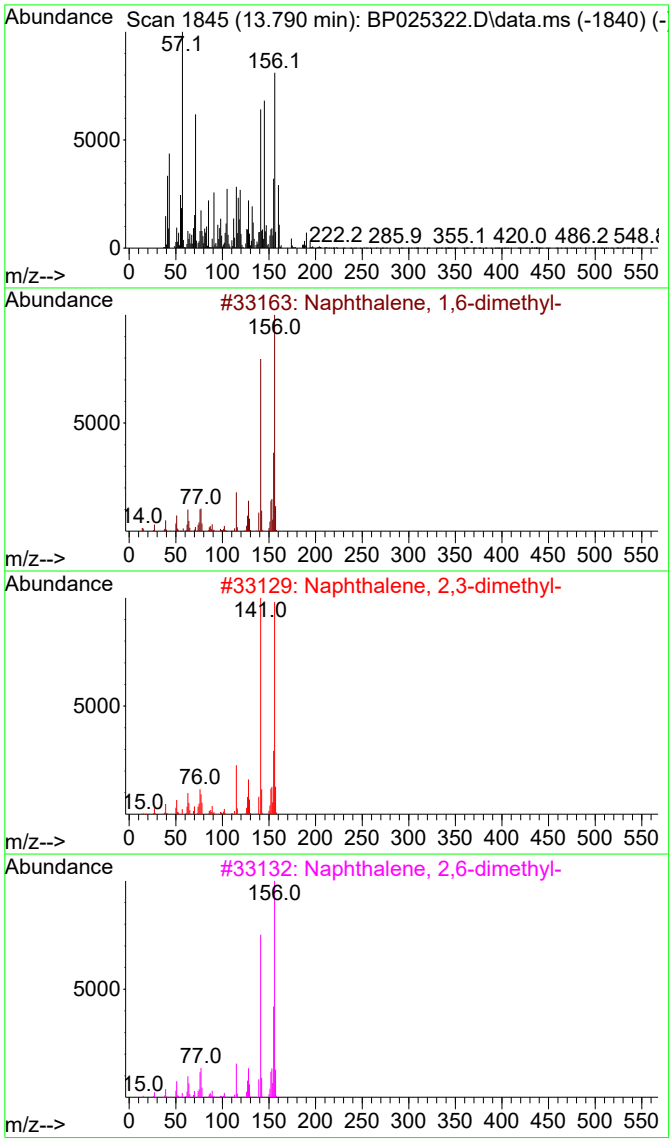
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

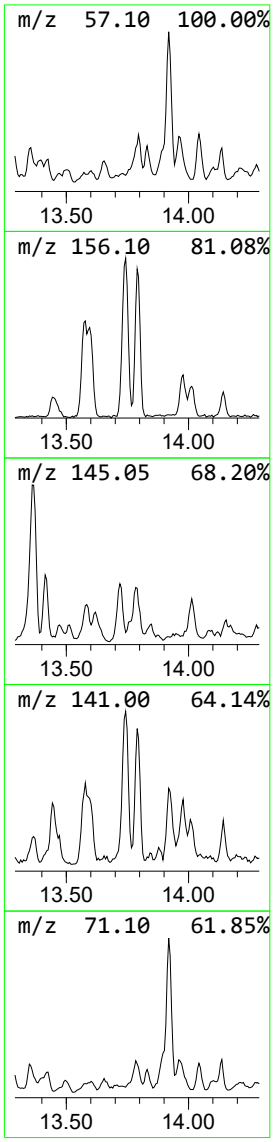
****

Peak Number 14 Naphthalene, 1,6-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.790	3.84 ng	579609	Acenaphthene-d10	14.425

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	89
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	83
3	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	83
4	Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	60
5	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080725\
Data File : BP025322.D
Acq On : 07 Aug 2025 20:37
Operator : CG/JU
Sample : Q2784-01 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EO-01-080625

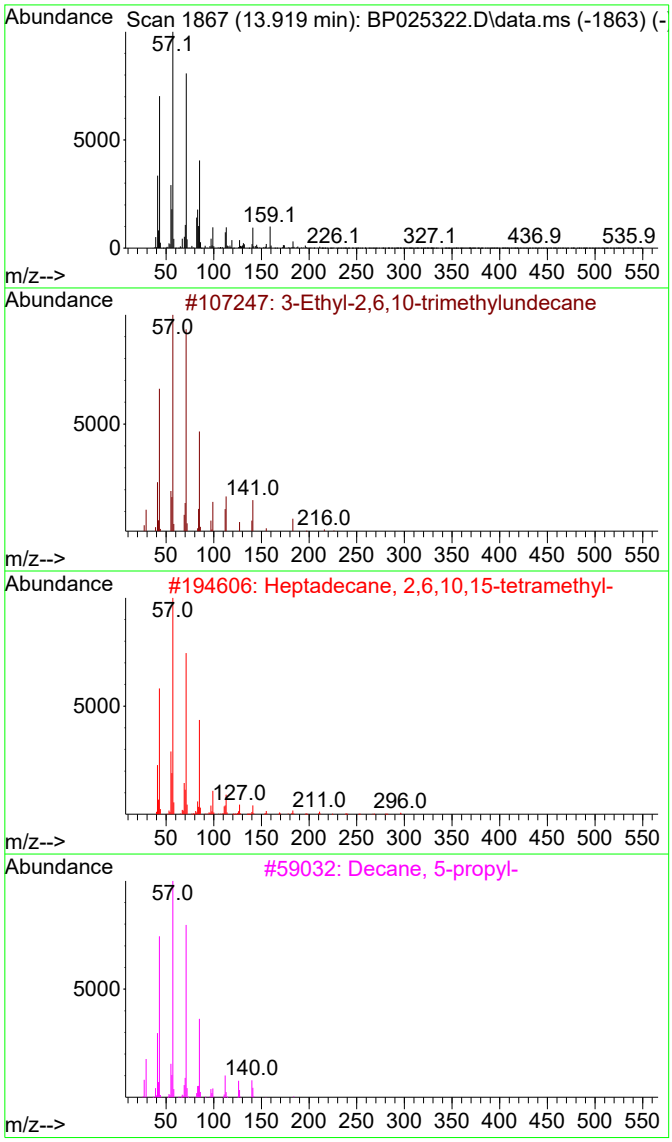
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

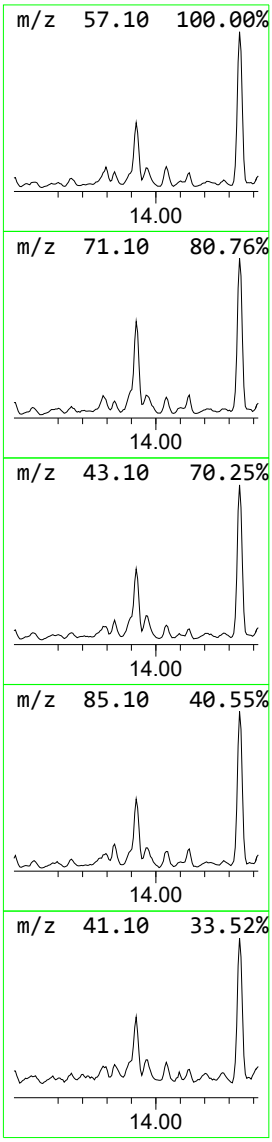
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 3-Ethyl-2,6,10-trimethylund... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.919	7.73 ng	1165930	Acenaphthene-d10	14.425

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Ethyl-2,6,10-trimethylundecane	226	C16H34	1000432-25-9	93
2	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	83
3	Decane, 5-propyl-	184	C13H28	017312-62-8	83
4	Tetratetracontane	619	C44H90	007098-22-8	80
5	Dodecane, 4-methyl-	184	C13H28	006117-97-1	80





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080725\
Data File : BP025322.D
Acq On : 07 Aug 2025 20:37
Operator : CG/JU
Sample : Q2784-01 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EO-01-080625

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

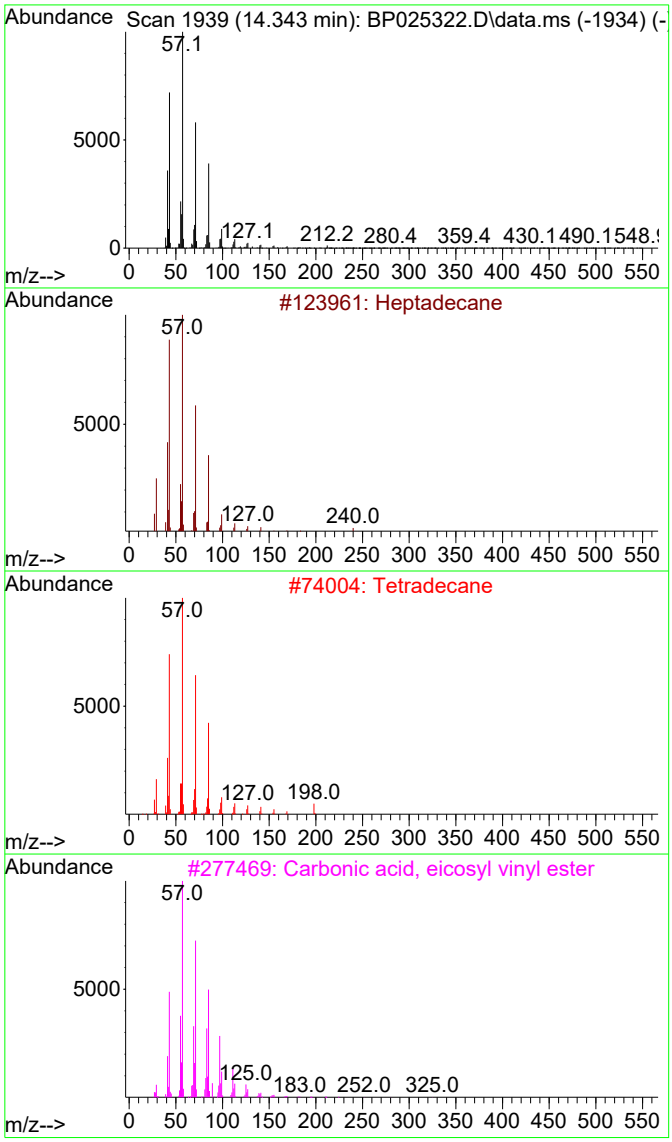
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

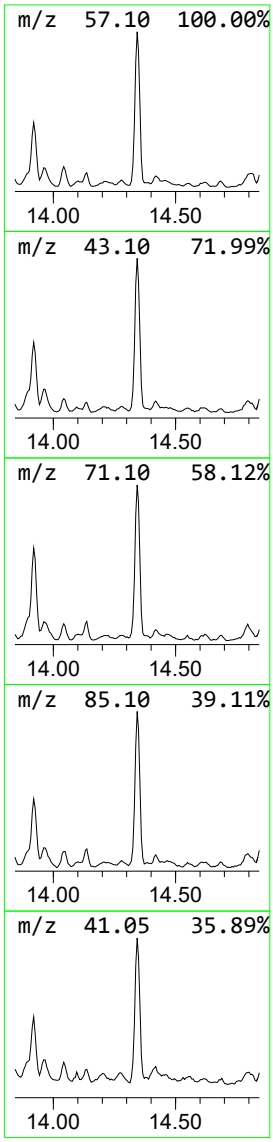
****

Peak Number 16 Heptadecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.343	14.31 ng	2159100	Acenaphthene-d10	14.425

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	90
2	Tetradecane	198	C14H30	000629-59-4	90
3	Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	80
4	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	80
5	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080725\
Data File : BP025322.D
Acq On : 07 Aug 2025 20:37
Operator : CG/JU
Sample : Q2784-01 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EO-01-080625

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

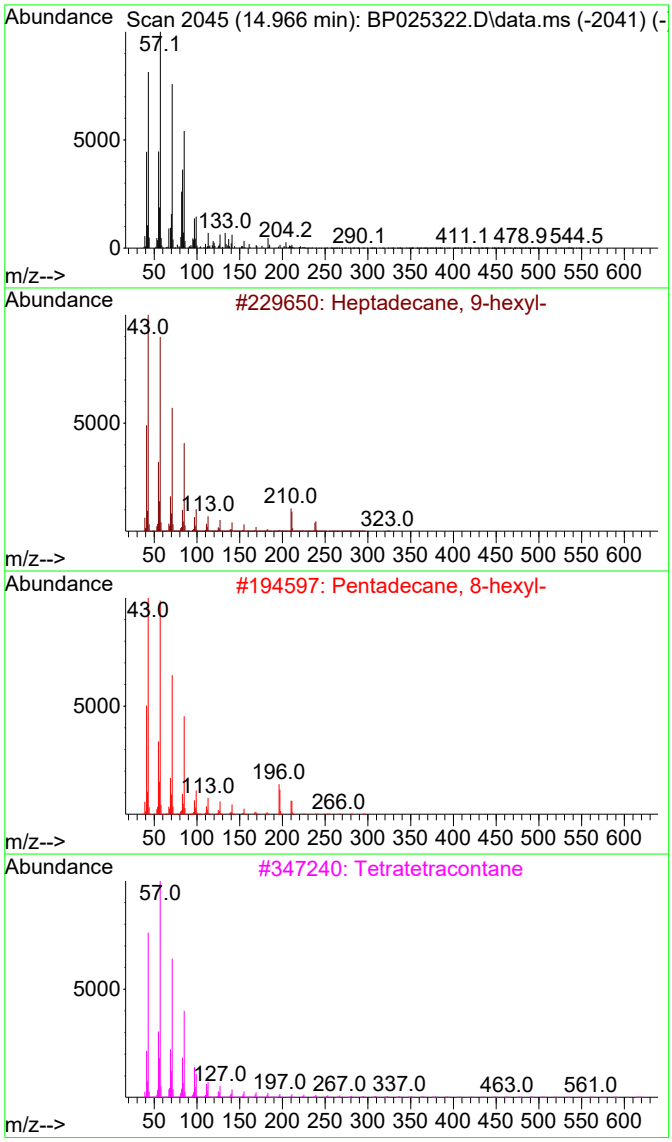
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

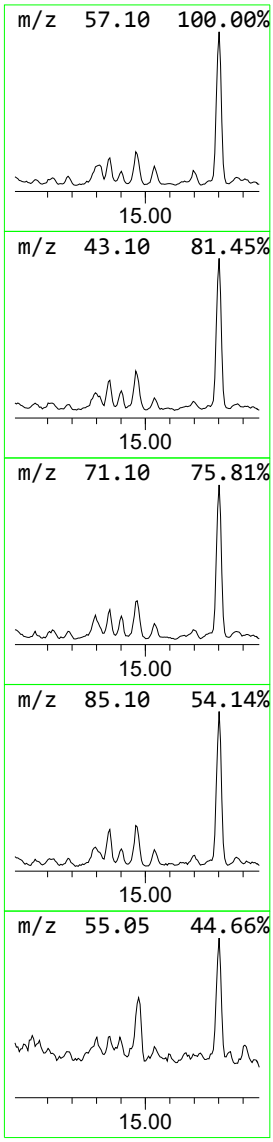
****

Peak Number 17 Heptadecane, 9-hexyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.966	4.42 ng	667668	Acenaphthene-d10	14.425

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 9-hexyl-	324	C23H48	055124-79-3	90
2	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	76
3	Tetratetracontane	619	C44H90	007098-22-8	74
4	Octacosane	394	C28H58	000630-02-4	74
5	Octacosane, 2-methyl-	408	C29H60	001560-98-1	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080725\
Data File : BP025322.D
Acq On : 07 Aug 2025 20:37
Operator : CG/JU
Sample : Q2784-01 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EO-01-080625

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

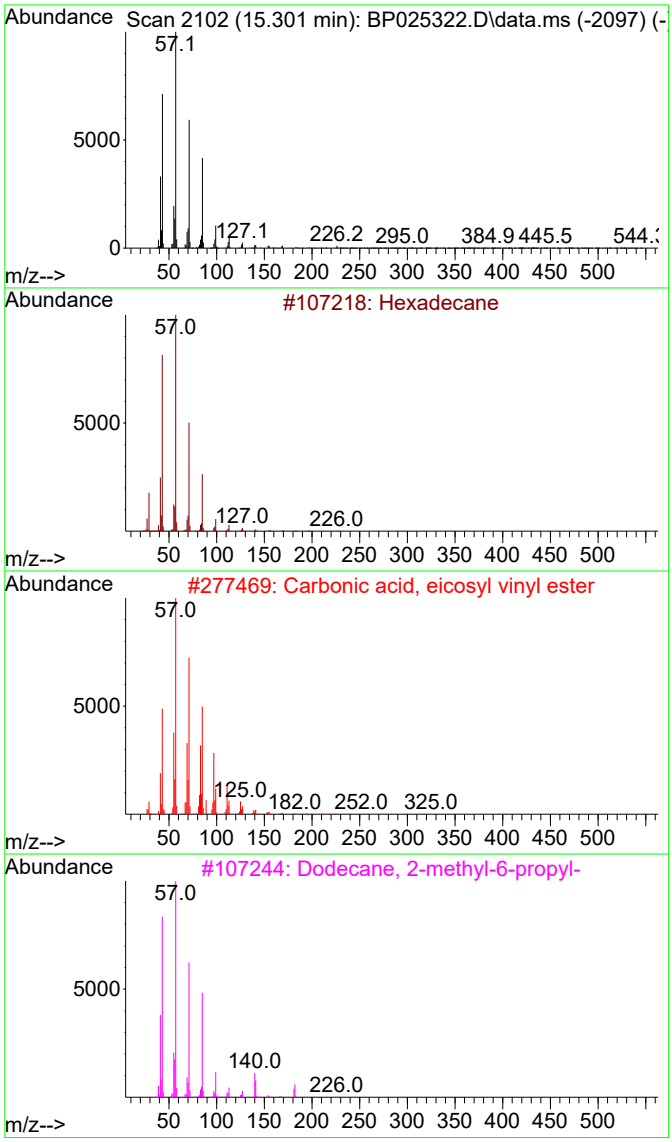
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

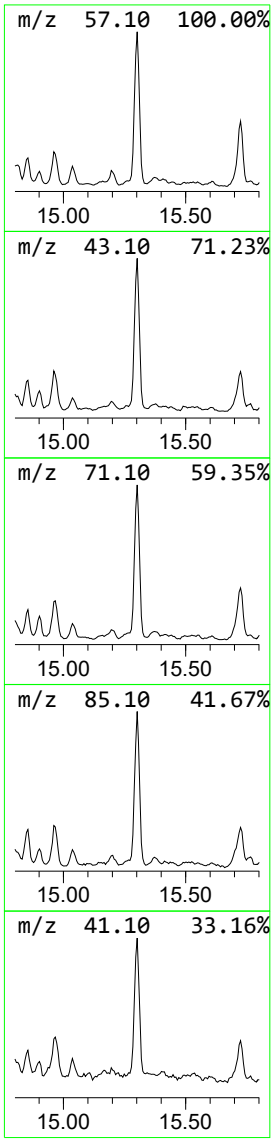
****

Peak Number 18 Hexadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.301	9.63 ng	1453280	Acenaphthene-d10	14.425

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	87
3	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	86
4	Pentadecane	212	C15H32	000629-62-9	80
5	3-Ethyl-2,6,10-trimethylundecane	226	C16H34	1000432-25-9	74





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080725\
Data File : BP025322.D
Acq On : 07 Aug 2025 20:37
Operator : CG/JU
Sample : Q2784-01 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EO-01-080625

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

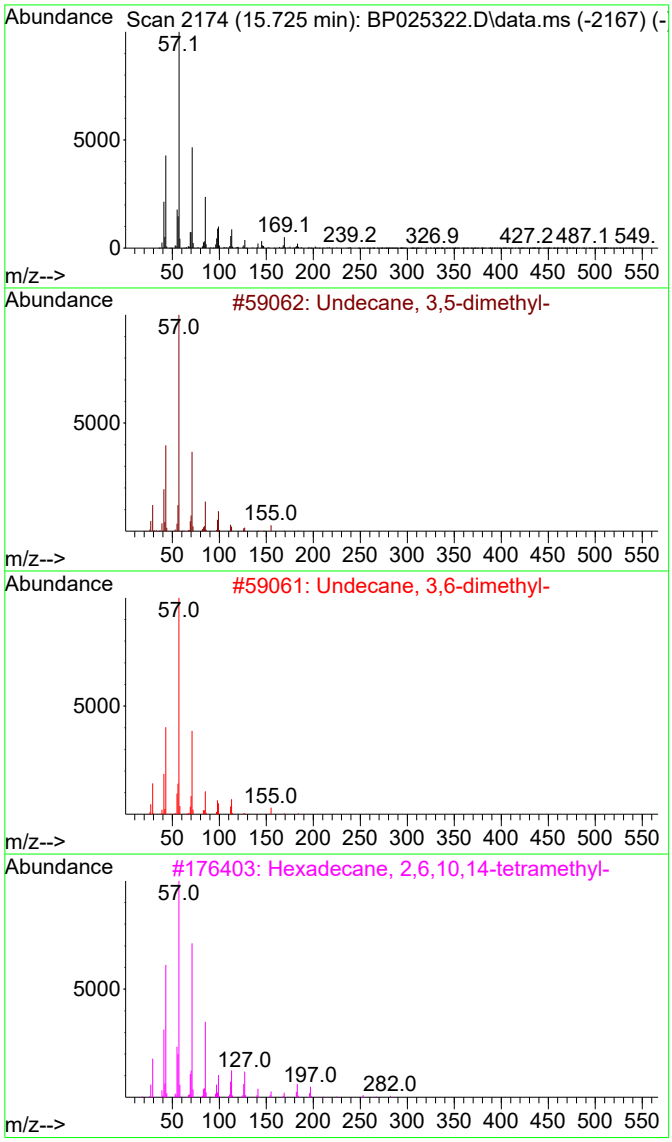
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

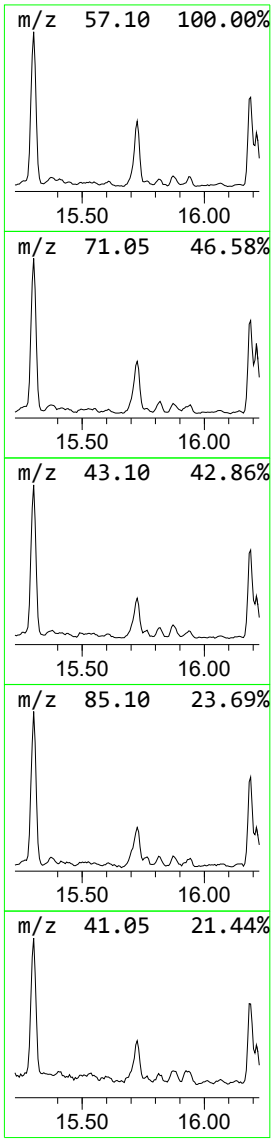
****

Peak Number 19 Undecane, 3,5-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.725	4.27 ng	644585	Acenaphthene-d10	14.425

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 3,5-dimethyl-	184	C13H28	017312-81-1	81
2	Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	76
3	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	64
4	Tetracosane	338	C24H50	000646-31-1	64
5	Tridecane, 6-methyl-	198	C14H30	013287-21-3	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080725\
Data File : BP025322.D
Acq On : 07 Aug 2025 20:37
Operator : CG/JU
Sample : Q2784-01 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EO-01-080625

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

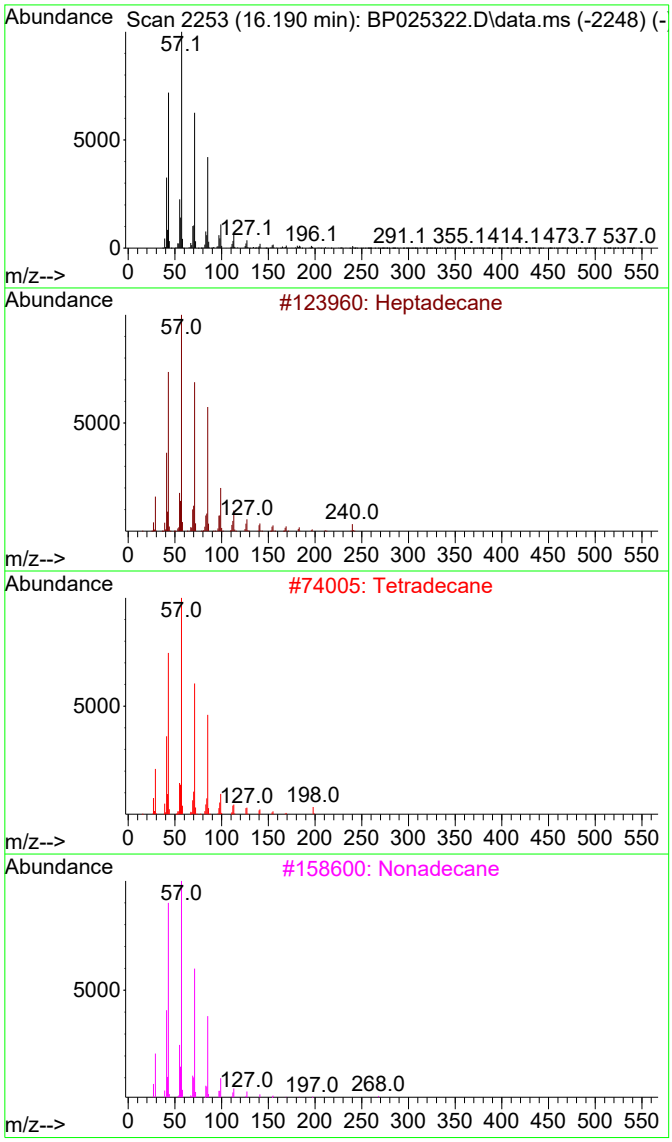
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

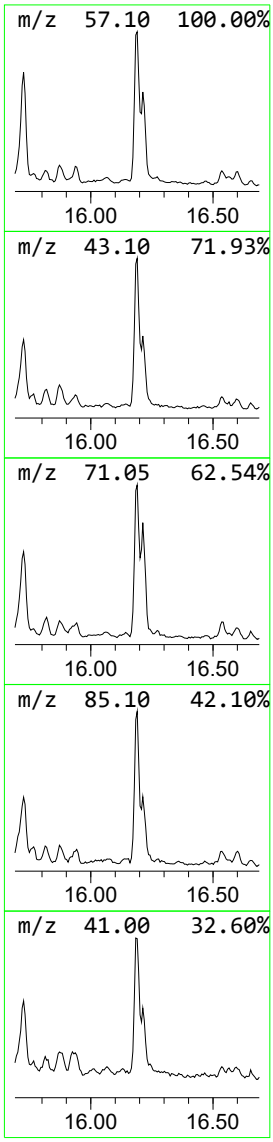
****

Peak Number 20 Nonadecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.190	6.40 ng	1015830	Phenanthrene-d10	17.213

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	97
2	Tetradecane	198	C14H30	000629-59-4	91
3	Nonadecane	268	C19H40	000629-92-5	91
4	Heneicosane	296	C21H44	000629-94-7	90
5	Eicosane, 10-methyl-	296	C21H44	054833-23-7	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080725\
Data File : BP025322.D
Acq On : 07 Aug 2025 20:37
Operator : CG/JU
Sample : Q2784-01 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EO-01-080625

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-metho...	3.043	4.5	ng	368705	1	7.802	1654200	20.0
Decane	7.449	6.1	ng	506253	1	7.802	1654200	20.0
Undecane	9.031	12.5	ng	1035080	1	7.802	1654200	20.0
o-Cymene	9.155	7.8	ng	649447	1	7.802	1654200	20.0
Cyclohexane, (4...	11.290	4.2	ng	853823	2	10.572	4075720	20.0
Octane, 3,6-dim...	11.625	7.4	ng	1516990	2	10.572	4075720	20.0
Naphthalene, 1,...	11.766	4.4	ng	894638	2	10.572	4075720	20.0
Tridecane	12.013	11.9	ng	2415160	2	10.572	4075720	20.0
unknown12.231	12.231	4.4	ng	896940	2	10.572	4075720	20.0
1(2H)-Naphthale...	12.490	4.2	ng	848023	2	10.572	4075720	20.0
Nonane, 3,7-dim...	12.972	9.8	ng	1474960	3	14.425	3018200	20.0
Tetradecane	13.260	17.7	ng	2668710	3	14.425	3018200	20.0
1H-Indene, 2,3-...	13.360	5.5	ng	836225	3	14.425	3018200	20.0
Naphthalene, 1,...	13.790	3.8	ng	579609	3	14.425	3018200	20.0
3-Ethyl-2,6,10-...	13.919	7.7	ng	1165930	3	14.425	3018200	20.0
Heptadecane	14.343	14.3	ng	2159100	3	14.425	3018200	20.0
Heptadecane, 9-...	14.966	4.4	ng	667668	3	14.425	3018200	20.0
Hexadecane	15.301	9.6	ng	1453280	3	14.425	3018200	20.0
Undecane, 3,5-d...	15.725	4.3	ng	644585	3	14.425	3018200	20.0
Nonadecane	16.190	6.4	ng	1015830	4	17.213	3173770	20.0