LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071625\
Data File : BP025168.D
Acq On : 16 Jul 2025 21:45
Operator : CG/JU
Sample : Q2565-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MOO-25-0196

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: BP025168.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.113	363	370	399	rVB	5345501	8546365	6.57%	0.373%
2	6.660	622	633	644	rVB	4657720	9983911	7.68%	0.435%
3	7.102	703	708	714	rBV2	4816847	7190151	5.53%	0.314%
4	7.449	761	767	772	rVB	4588015	7035435	5.41%	0.307%
5	7.990	852	859	865	rVB2	3422106	6267164	4.82%	0.273%
6	8.084	872	875	878	rVV2	2475676	3532566	2.72%	0.154%
7	8.119	878	881	890	rVB	3045248	5028491	3.87%	0.219%
8	8.219	890	898	909	rBV3	3377122	8460591	6.51%	0.369%
9	8.543	944	953	956	rBV2	3648192	8540784	6.57%	0.372%
10	8.572	956	958	966	rVV2	4008179	7164458	5.51%	0.312%
11	8.678	971	976	984	rVB	17262199	29863218	22.97%	1.302%
12	8.790	984	995	1002	rBV7	3935710	14622142	11.25%	0.638%
13	8.913	1002	1016	1024	rVB6	5842811	24210482	18.62%	1.056%
14	9.119	1043	1051	1053	rBV2	2408383	5595956	4.30%	0.244%
15	9.143	1053	1055	1063	rVB3	4192377	6904924	5.31%	0.301%
16	9.319	1078	1085	1088	rBV3	2416538	5062696	3.89%	0.221%
17	9.360	1088	1092	1096	rBV3	2634532	4986357	3.84%	0.217%
18	9.507	1113	1117	1125	rVB2	5013971	10645948	8.19%	0.464%
19	9.590	1125	1131	1139	rBV4	7652673	19012402	14.62%	0.829%
20	9.666	1139	1144	1152	rVB4	9788488	20410046	15.70%	0.890%
21	9.772	1157	1162	1166	rVV2	5762980	10283923	7.91%	0.448%
22	9.813	1166	1169	1170	rVV2	2788123	3548154	2.73%	0.155%
23	9.843	1171	1174	1181	rVB2	5290669	9331742	7.18%	0.407%
24	9.919	1181	1187	1192	rBV	3608179	6705885	5.16%	0.292%
25	10.001	1192	1201	1206	rBV4	3530693	8489187	6.53%	0.370%
26	10.084	1211	1215	1218	rBV5	2818703	4476258	3.44%	0.195%
27	10.125	1218	1222	1226	rBV3	4139265	5831541	4.49%	0.254%
28	10.225	1226	1239	1243	rBV3	27806101	67628944	52.02%	2.949%
29	10.401	1264	1269	1273	rBV	12735824	19036487	14.64%	0.830%
30	10.525	1285	1290	1294	rVB3	2763412	5119404	3.94%	0.223%
31	10.637	1303	1309	1311	rBV5	4647772	8979959	6.91%	0.392%
32	10.672	1312	1315	1319	rVB2	4267368	6415046	4.93%	0.280%
33	10.778	1326	1333	1337	rBV	24368862	43638030	33.56%	1.903%
34	10.843	1337	1344	1348	rVV2	25153386	49046068	37.72%	2.139%
35	10.931	1356	1359	1363	rVB2	8187077	11606694	8.93%	0.506%
36	10.978	1363	1367	1369	rBV	5607572	8367554	6.44%	0.365%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071625\
Data File : BP025168.D
Acq On : 16 Jul 2025 21:45
Operator : CG/JU
Sample : Q2565-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MOO-25-0196

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	11.072	1378	1383	1388	rBV5	8205705	16265930	12.51%	0.709%
38	11.119	1389	1391	1394	rVV	4849464	6317841	4.86%	0.276%
39	11.154	1394	1397	1402	rVB2	8648389	12026695	9.25%	0.524%
40	11.266	1410	1416	1423	rBV4	17956755	41295127	31.76%	1.801%
41	11.401	1434	1439	1448	rVB2	16152895	29832015	22.95%	1.301%
42	11.601	1469	1473	1477	rBV3	3331543	6264349	4.82%	0.273%
43	11.684	1477	1487	1496	rVV	33312590	83277942	64.05%	3.632%
44	11.766	1497	1501	1506	rVB2	8044387	12707955	9.77%	0.554%
45	11.854	1513	1516	1517	rBV3	3633619	4035848	3.10%	0.176%
46	11.972	1532	1536	1539	rBV3	3341969	5451929	4.19%	0.238%
47	12.042	1545	1548	1550	rBV2	2811661	3665070	2.82%	0.160%
48	12.101	1555	1558	1561	rVB2	3395499	3744694	2.88%	0.163%
49	12.148	1561	1566	1571	rBV2	19420645	34106897	26.23%	1.487%
50	12.290	1584	1590	1593	rBV7	7262096	13689091	10.53%	0.597%
51	12.331	1593	1597	1600	rVV2	8811103	16018927	12.32%	0.699%
52	12.372	1600	1604	1609	rVV3	11268271	23318975	17.94%	1.017%
53	12.442	1612	1616	1624	rVB6	11767277	28277425	21.75%	1.233%
54	12.519	1624	1629	1634	rBV2	13813157	20879880	16.06%	0.911%
55	12.601	1635	1643	1647	rBV3	13067695	26871038	20.67%	1.172%
56	12.660	1647	1653	1657	rVV2	16212485	29532860	22.72%	1.288%
57	12.707	1657	1661	1665	rVB	8011693	12579057	9.68%	0.549%
58	12.754	1666	1669	1672	rBV2	3580988	4968537	3.82%	0.217%
59	12.919	1693	1697	1699	rBV3	6156359	8789739	6.76%	0.383%
60	12.966	1699	1705	1713	rVV2	33731292	78090799	60.06%	3.405%
61	13.048	1714	1719	1723	rVV2	16167125	28615538	22.01%	1.248%
62	13.095	1723	1727	1737	rVB8	9317849	23982866	18.45%	1.046%
63	13.207	1743	1746	1751	rVB5	6154932	9501068	7.31%	0.414%
64	13.266	1751	1756	1760	rBV3	10780672	20384487	15.68%	0.889%
65	13.389	1773	1777	1780	rBV4	6502693	11186677	8.60%	0.488%
66	13.478	1788	1792	1799	rBV6	9978112	25812325	19.85%	1.126%
67	13.542	1799	1803	1806	rVB	11450418	14454537	11.12%	0.630%
68	13.631	1806	1818	1822	rBV5	21532224	60600287	46.61%	2.643%
69	13.672	1822	1825	1835	rVB4	16394187	36894746	28.38%	1.609%
70	13.760	1835	1840	1845	rBV3	9207705	20772940	15.98%	0.906%
71	13.848	1852	1855	1858	rBV3	4838287	6038800	4.64%	0.263%
72	14.078	1887	1894	1897	rBV	29477654	65933772	50.71%	2.875%
73	14.113	1897	1900	1907	rVB	13306719	26611029	20.47%	1.160%
74	14.254	1921	1924	1925	rBV2	4152934	4856277	3.74%	0.212%
75	14.413	1947	1951	1956	rVB5	6874955	12517388	9.63%	0.546%
76	14.519	1958	1969	1975	rBV6	16799030	53807983	41.39%	2.347%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071625\
Data File : BP025168.D
Acq On : 16 Jul 2025 21:45
Operator : CG/JU
Sample : Q2565-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MOO-25-0196

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

77	14.572	1975	1978	1983	rVV	7279248	10960224	8.43%	0.478%
78	14.695	1994	1999	2005	rVB3	20665532	36654472	28.19%	1.598%
79	14.772	2008	2012	2015	rVV2	9376270	13184063	10.14%	0.575%
80	15.054	2054	2060	2065	rVB	28957488	60022350	46.17%	2.618%
81	15.107	2066	2069	2072	rBV2	4865330	6812514	5.24%	0.297%
82	15.460	2121	2129	2133	rBV	21865756	52691416	40.53%	2.298%
83	15.613	2152	2155	2158	rBV	10938978	12517786	9.63%	0.546%
84	15.942	2205	2211	2214	rBV2	24477390	57251195	44.04%	2.497%
85	16.289	2265	2270	2276	rBV5	13624822	30924723	23.79%	1.349%
86	16.401	2286	2289	2293	rVB2	6474902	8522843	6.56%	0.372%
87	16.454	2295	2298	2302	rBV	7509500	10523033	8.09%	0.459%
88	16.525	2307	2310	2318	rVB4	9239106	19587173	15.07%	0.854%
89	16.672	2333	2335	2342	rBV6	5134546	8732687	6.72%	0.381%
90	16.760	2344	2350	2354	rVV2	25079354	55902778	43.00%	2.438%
91	16.813	2355	2359	2369	rVB	24154266	39522964	30.40%	1.724%
92	17.295	2438	2441	2447	rVB	10426186	14560709	11.20%	0.635%
93	17.525	2474	2480	2484	rBV	23590486	48760421	37.50%	2.126%
94	17.707	2503	2511	2516	rVB4	32441960	106498167	81.91%	4.644%
95	17.807	2525	2528	2531	rBV2	6038206	8832873	6.79%	0.385%
96	18.042	2564	2568	2573	rBV4	8444884	13714255	10.55%	0.598%
97	18.248	2597	2603	2608	rBV	23580966	48033233	36.95%	2.095%
98	18.930	2706	2719	2721	rBV7	28422496	130010756	100.00%	5.670%
99	19.089	2741	2746	2752	rBV4	22107872	46919299	36.09%	2.046%
100	19.524	2816	2820	2825	rBV	15107348	26395199	20.30%	1.151%

Sum of corrected areas: 2293083436

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071625\
Data File : BP025168.D
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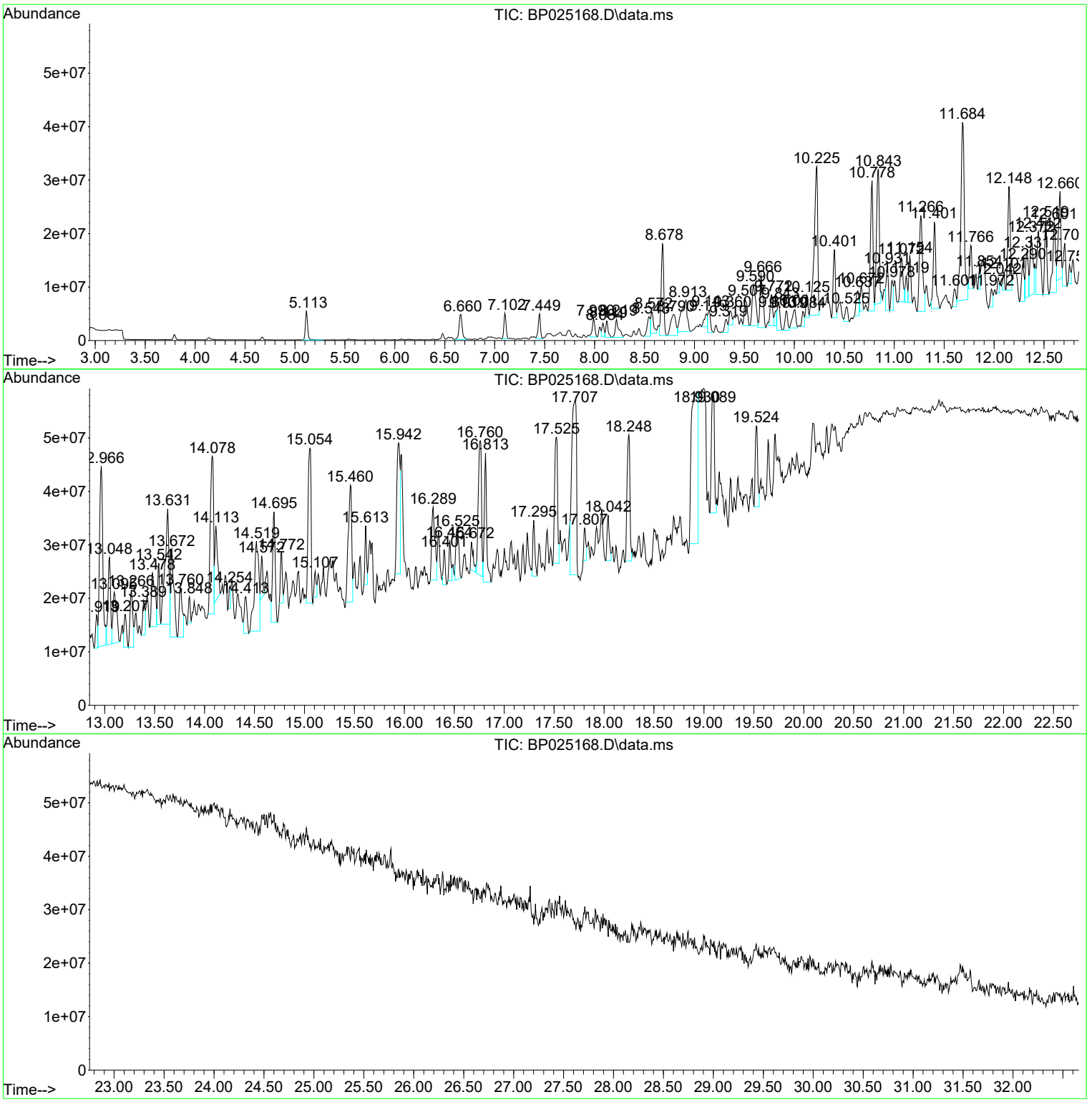
Sample : Q2565-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MOO-25-0196

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 : BP025168.D
Acq On : 16 Jul 2025 21:45
Operator : CG/JU
Sample : Q2565-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MOO-25-0196

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

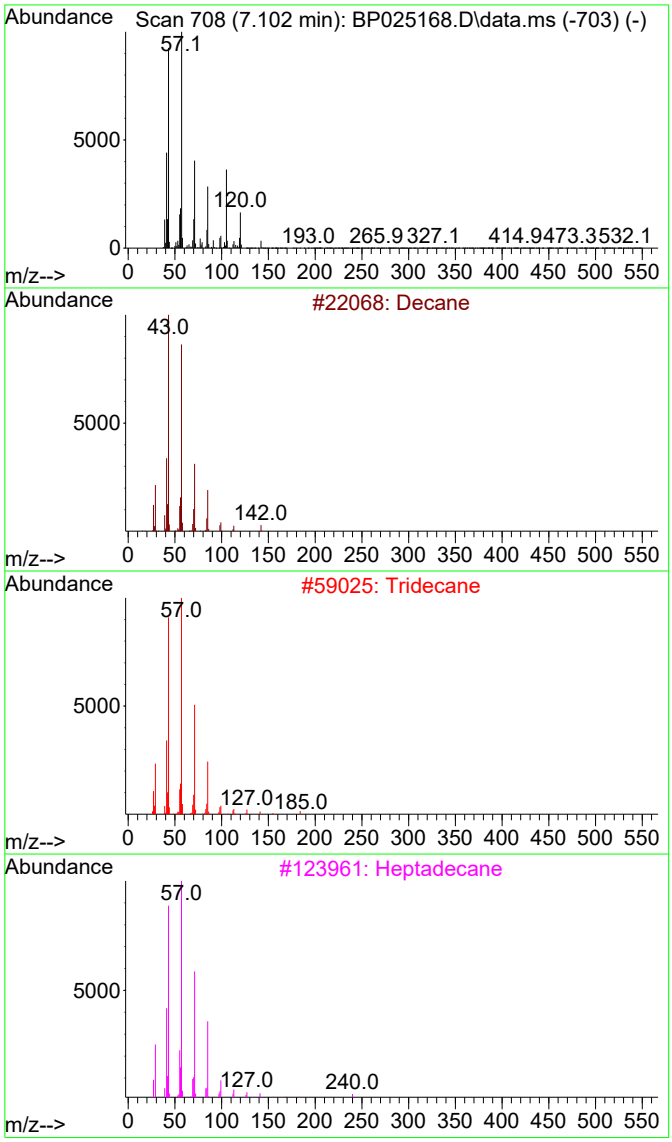
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

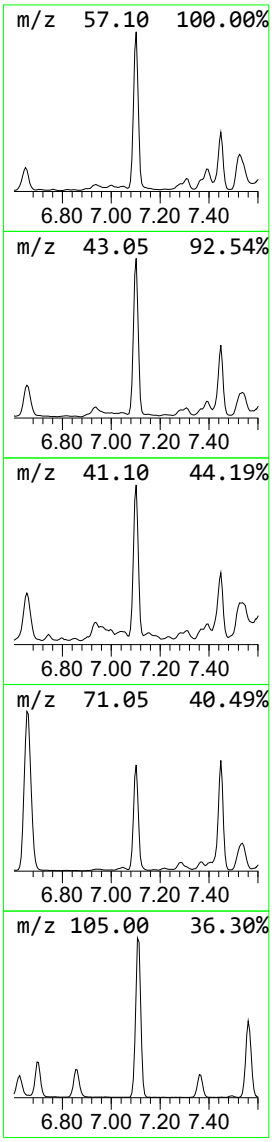
****

Peak Number 1 Decane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.102	20.44 ng	7190150	1,4-Dichlorobenzene-d4	7.449

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane	142	C10H22	000124-18-5	90
2	Tridecane	184	C13H28	000629-50-5	50
3	Heptadecane	240	C17H36	000629-78-7	50
4	Carbonic acid, prop-1-en-2-yl tr...	284	C17H32O3	1000382-90-8	50
5	Hexadecane, 1-chloro-	260	C16H33Cl	004860-03-1	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071625\
Data File : BP025168.D
Acq On : 16 Jul 2025 21:45
Operator : CG/JU
Sample : Q2565-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MOO-25-0196

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

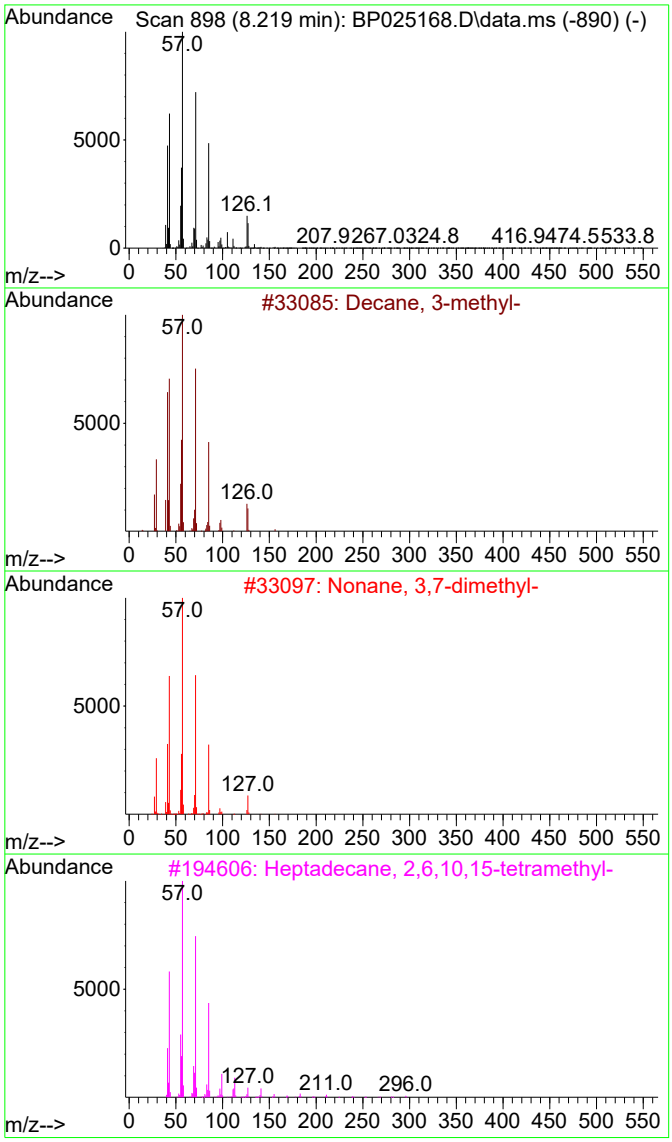
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

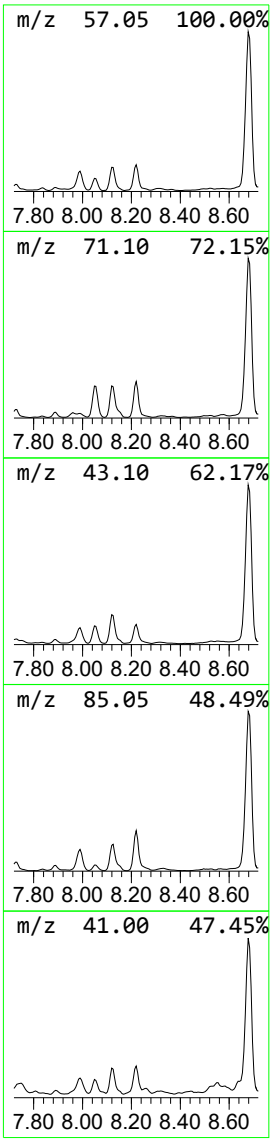
****

Peak Number 2 Decane, 3-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.219	24.05 ng	8460590	1,4-Dichlorobenzene-d4	7.449

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 3-methyl-	156	C11H24	013151-34-3	91
2	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	74
3	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	64
4	Undecane, 3-methyl-	170	C12H26	001002-43-3	64
5	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071625\
Data File : BP025168.D
Acq On : 16 Jul 2025 21:45
Operator : CG/JU
Sample : Q2565-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MOO-25-0196

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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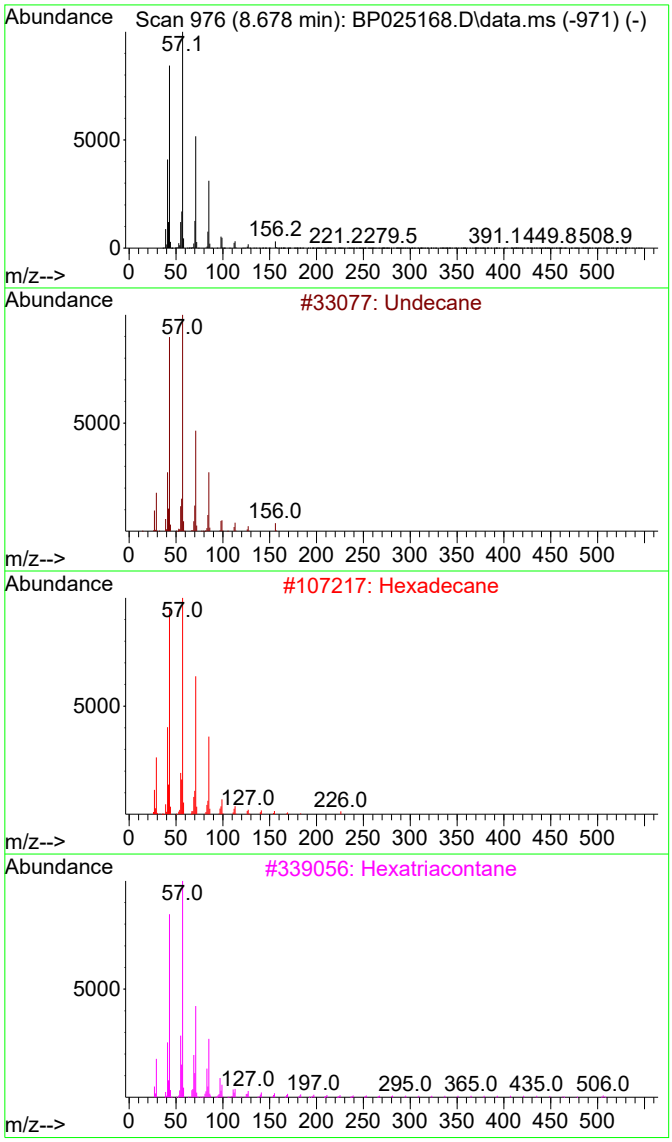
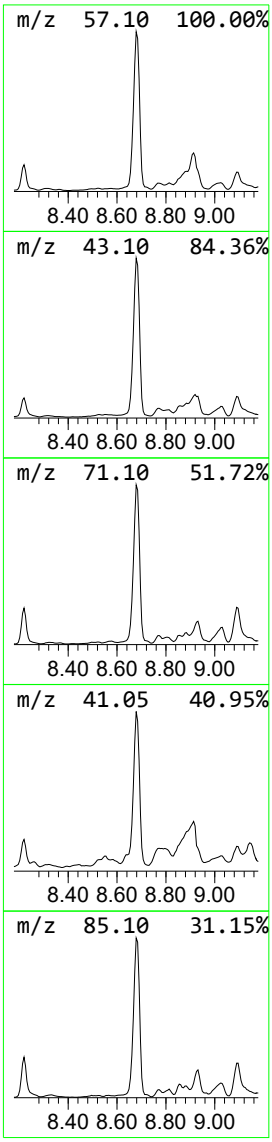
Peak Number 3 Undecane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.678	84.89 ng	29863200	1,4-Dichlorobenzene-d4	7.449

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane	156	C11H24	001120-21-4	94
2	Hexadecane	226	C16H34	000544-76-3	90
3	Hexatriacontane	507	C36H74	000630-06-8	83
4	Tetradecane	198	C14H30	000629-59-4	83
5	Carbonic acid, prop-1-en-2-yl te...	298	C18H34O3	1000382-90-9	83





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071625\
Data File : BP025168.D
Acq On : 16 Jul 2025 21:45
Operator : CG/JU
Sample : Q2565-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MOO-25-0196

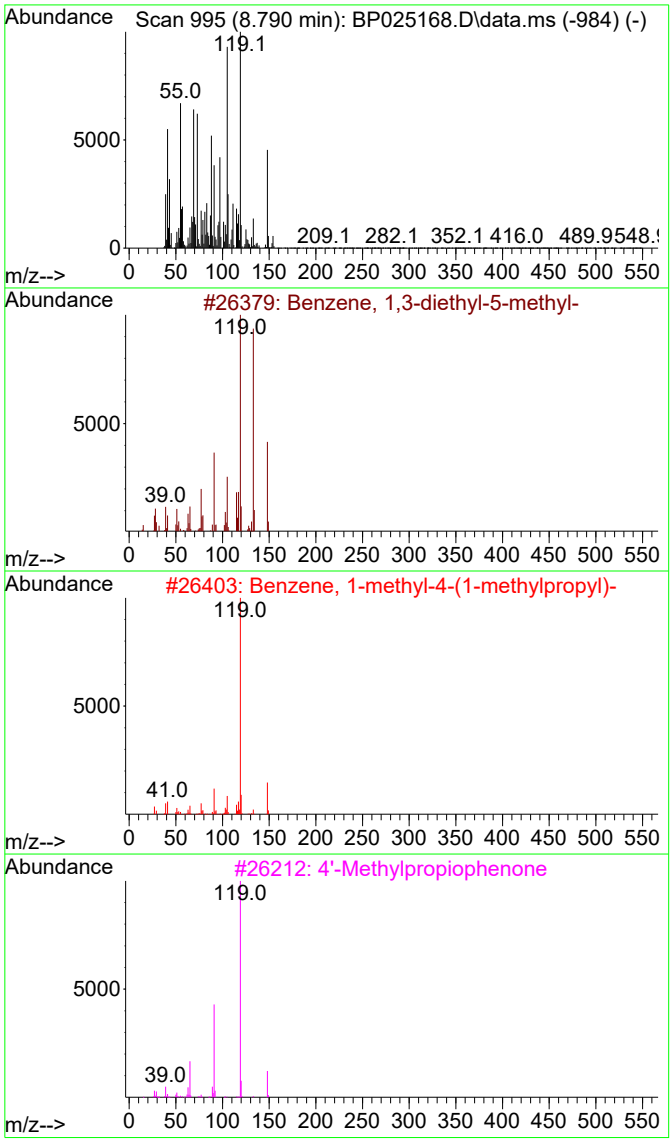
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

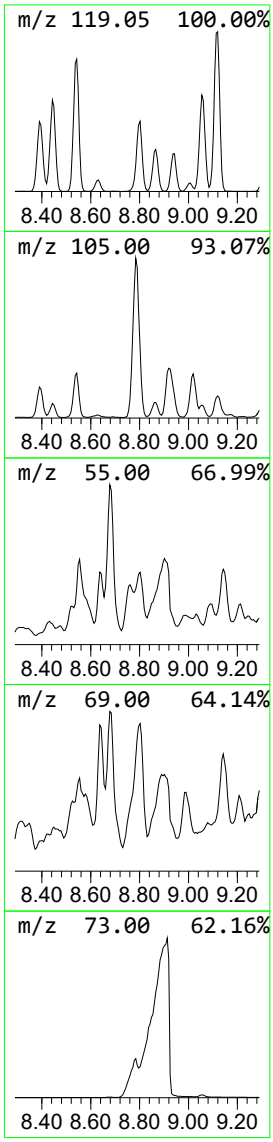
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Benzene, 1,3-diethyl-5-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.790	41.57 ng	14622100	1,4-Dichlorobenzene-d4	7.449

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	64
2	Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	50
3	4'-Methylpropiophenone	148	C10H12O	005337-93-9	38
4	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	25
5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	25





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071625\
Data File : BP025168.D
Acq On : 16 Jul 2025 21:45
Operator : CG/JU
Sample : Q2565-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MOO-25-0196

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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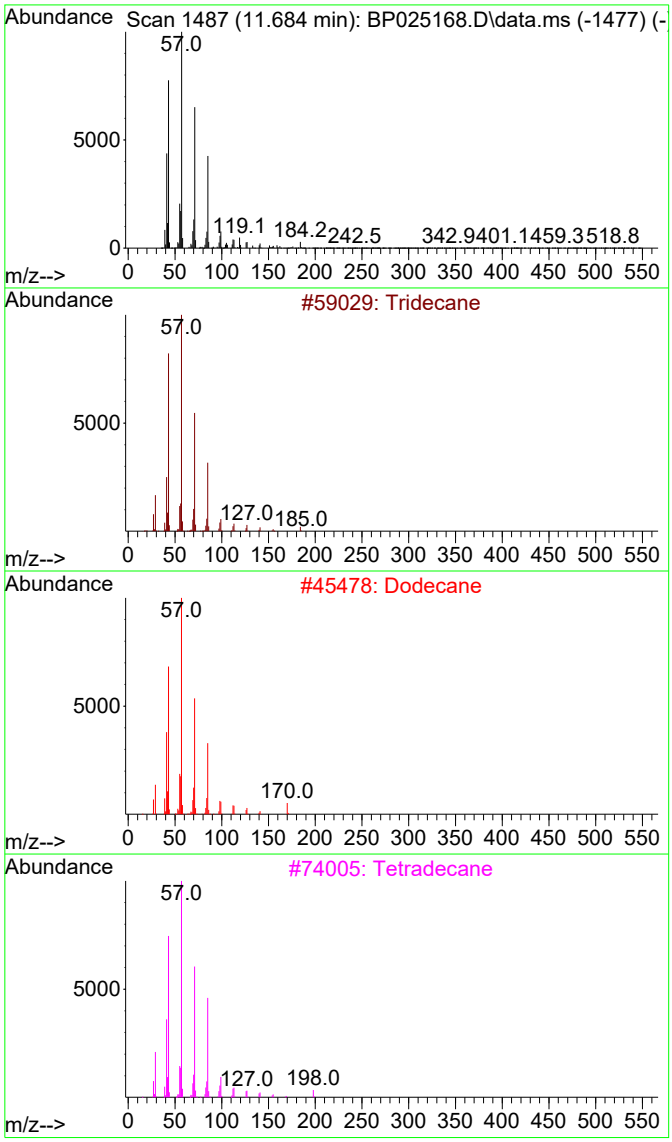
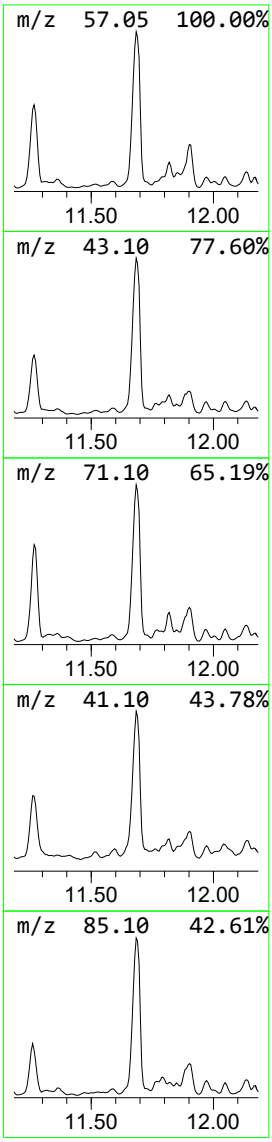
Peak Number 5 Tridecane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.684	24.63 ng	83277900	Naphthalene-d8	10.201

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	97
2	Dodecane	170	C12H26	000112-40-3	90
3	Tetradecane	198	C14H30	000629-59-4	90
4	Carbonic acid, tetradecyl vinyl ...	284	C17H32O3	1000382-54-5	90
5	Hexadecane	226	C16H34	000544-76-3	87





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Acq On : 16 Jul 2025 21:45
Operator : CG/JU
Sample : Q2565-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
MOO-25-0196

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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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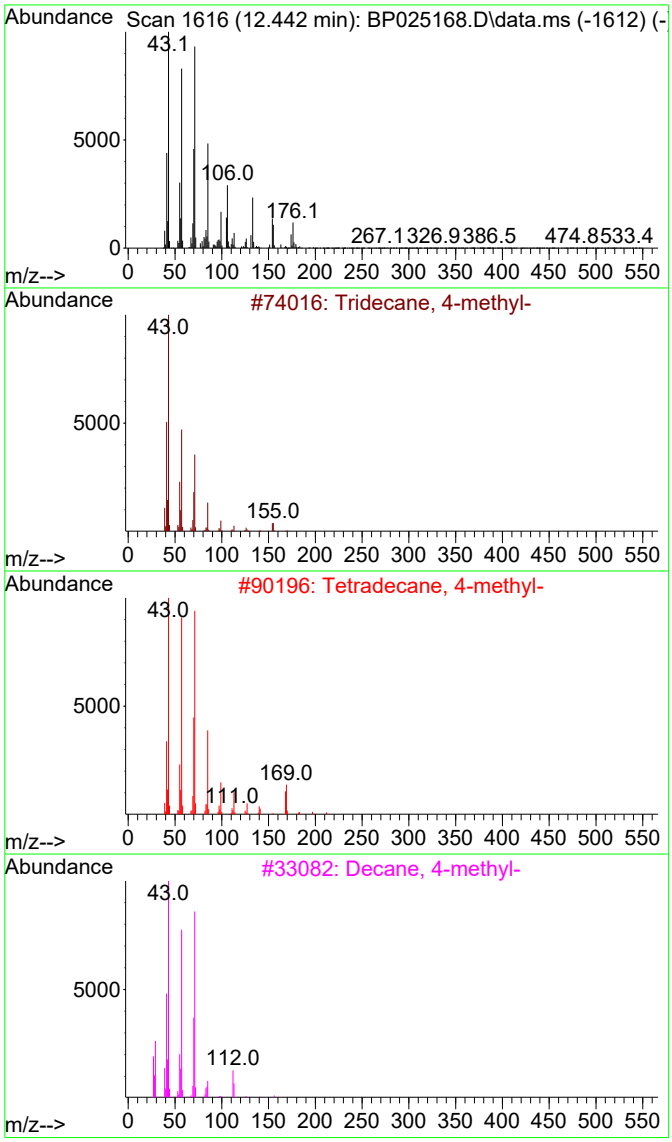
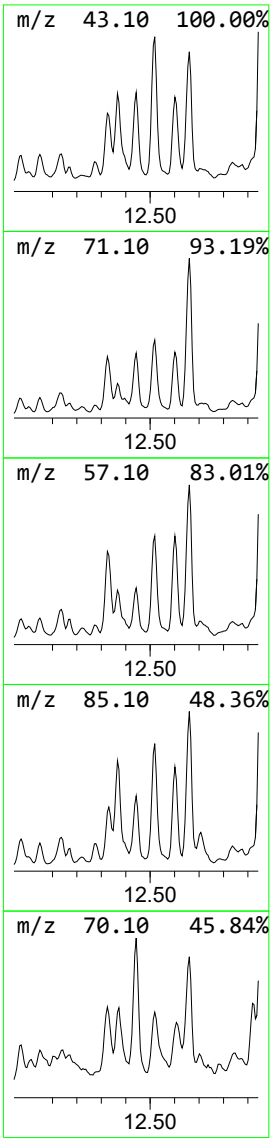
Peak Number 6 Tridecane, 4-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.443	21.25 ng	28277400	Acenaphthene-d10	14.113

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 4-methyl-	198	C14H30	026730-12-1	97
2	Tetradecane, 4-methyl-	212	C15H32	025117-24-2	58
3	Decane, 4-methyl-	156	C11H24	002847-72-5	55
4	Dodecane, 4-methyl-	184	C13H28	006117-97-1	53
5	Undecane, 3-ethyl-	184	C13H28	017312-58-2	52





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Misc :
ALS Vial : 15 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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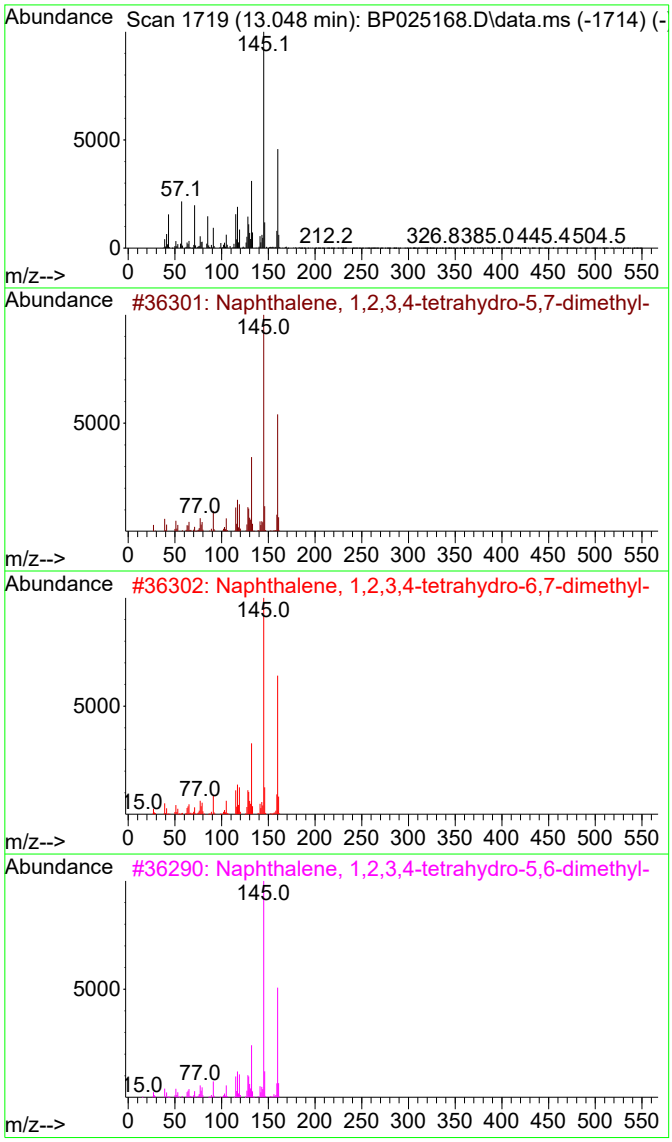
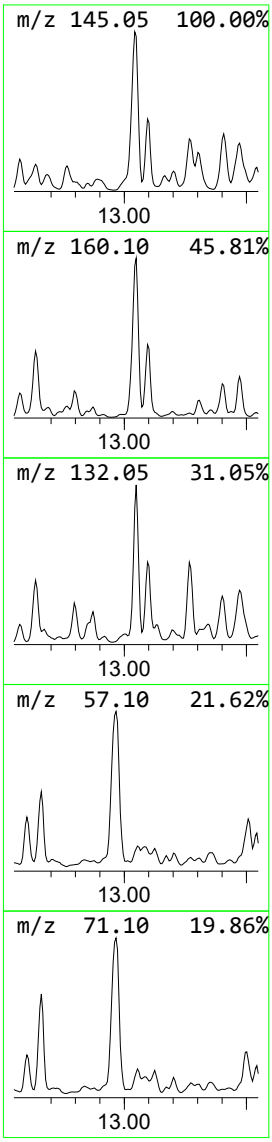
Peak Number 7 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.048	21.51 ng	28615500	Acenaphthene-d10	14.113

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021693-54-9	95
2	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	001076-61-5	95
3	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	020027-77-4	90
4	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021564-91-0	90
5	Benzene, 1-(2-butenyl)-2,3-dimet...	160	C12H16	054340-85-1	86





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Misc :
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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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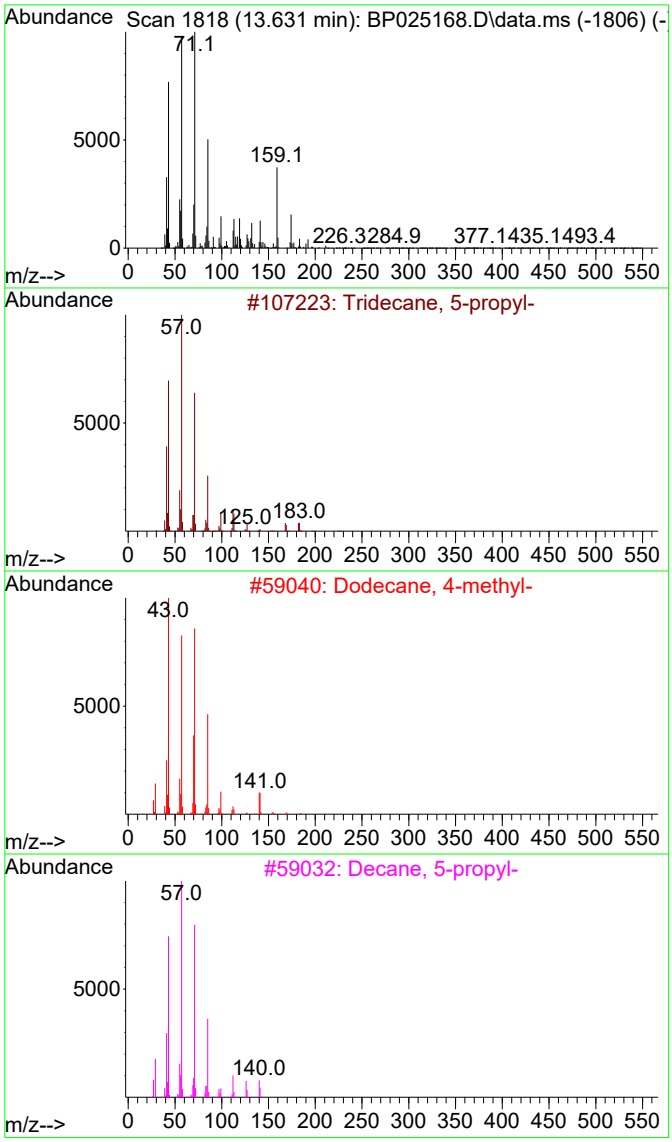
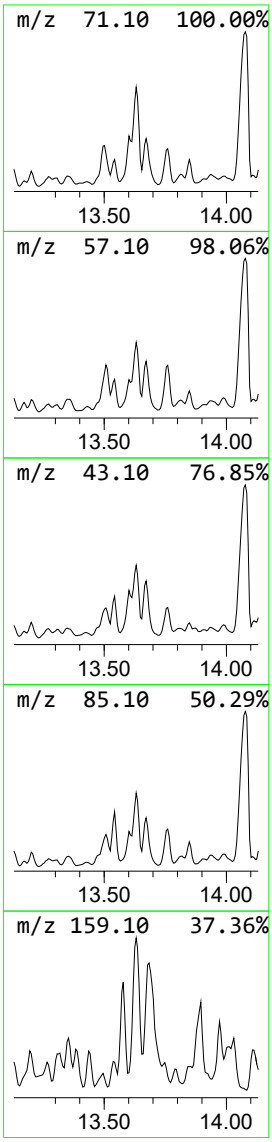
Peak Number 8 Tridecane, 5-propyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.631	45.55 ng	60600300	Acenaphthene-d10	14.113

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 5-propyl-	226	C16H34	055045-11-9	64
2	Dodecane, 4-methyl-	184	C13H28	006117-97-1	62
3	Decane, 5-propyl-	184	C13H28	017312-62-8	58
4	Hexadecane	226	C16H34	000544-76-3	52
5	Dodecane	170	C12H26	000112-40-3	50





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Sample : Q2565-04
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ALS Vial : 15 Sample Multiplier: 1

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BNA_P
ClientSampleId :
MOO-25-0196

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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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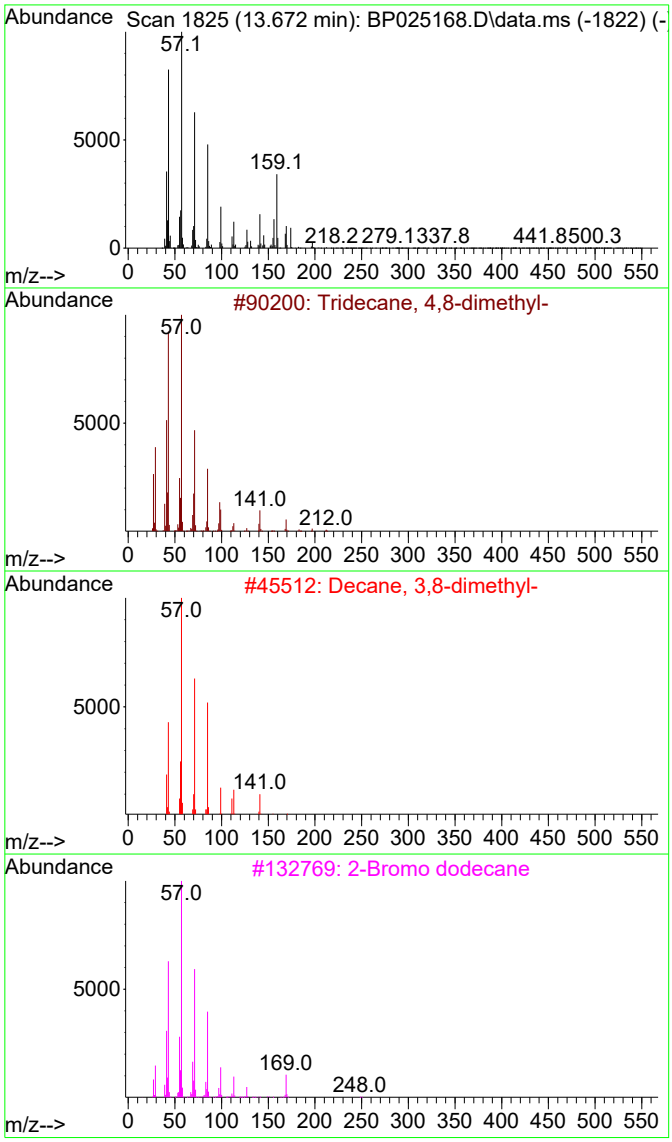
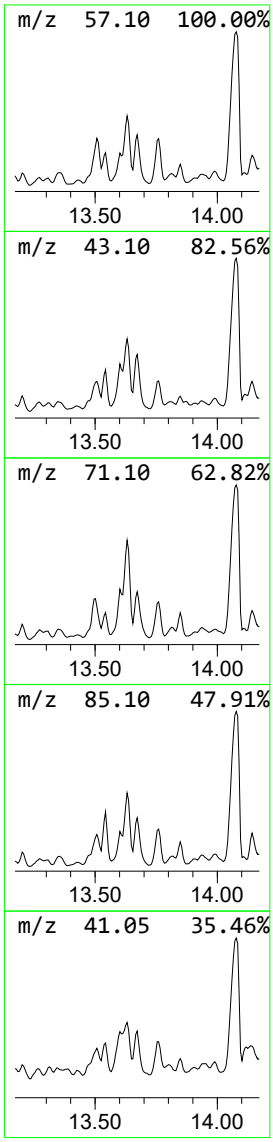
Peak Number 9 Tridecane, 4,8-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.672	27.73 ng	36894700	Acenaphthene-d10	14.113

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 4,8-dimethyl-	212	C15H32	055030-62-1	68
2	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	64
3	2-Bromo dodecane	248	C12H25Br	013187-99-0	62
4	Tridecane, 2-methyl-	198	C14H30	001560-96-9	62
5	Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	60





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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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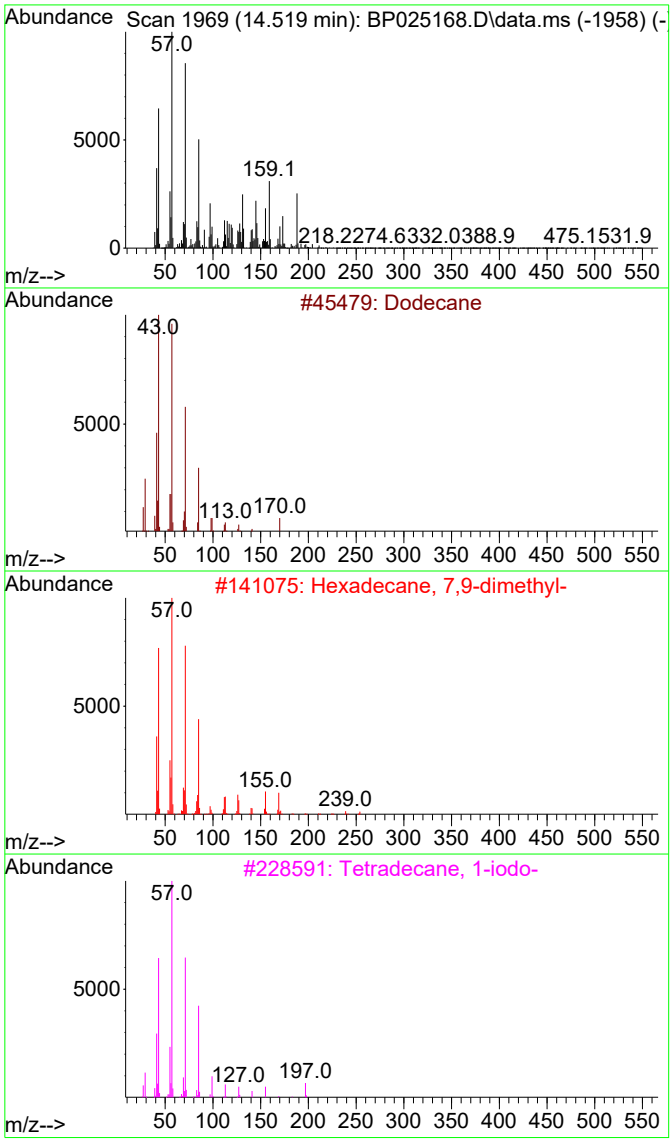
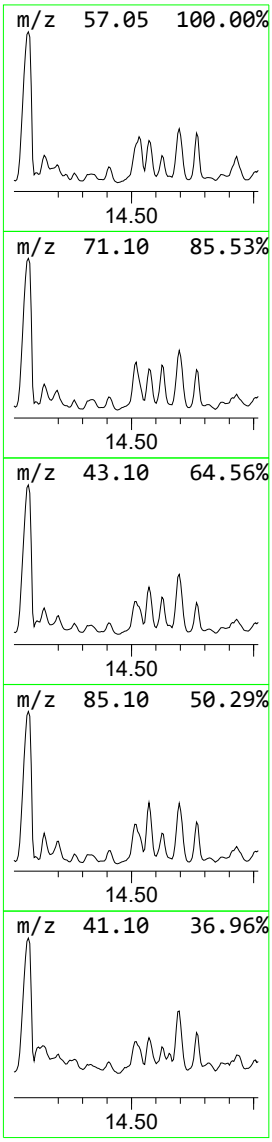
Peak Number 10 Dodecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.519	40.44 ng	53808000	Acenaphthene-d10	14.113

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane	170	C12H26	000112-40-3	50
2	Hexadecane, 7,9-dimethyl-	254	C18H38	021164-95-4	43
3	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	43
4	3-Ethyl-2,6,10-trimethylundecane	226	C16H34	1000432-25-9	38
5	Nonane, 2-methyl-5-propyl-	184	C13H28	031081-17-1	38





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ALS Vial : 15 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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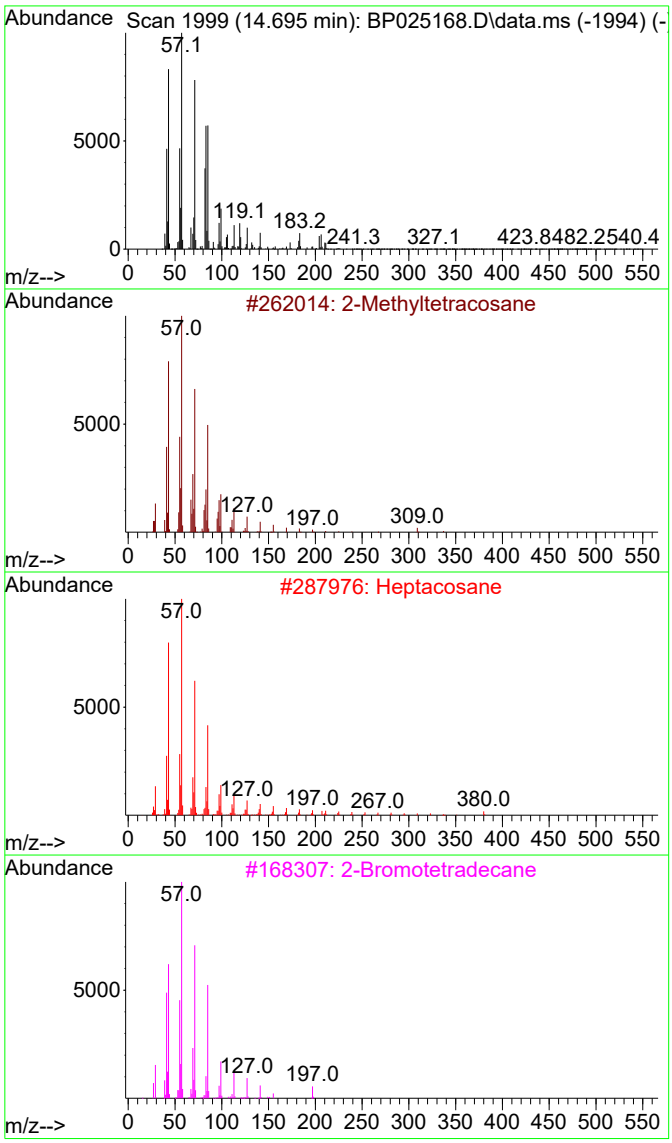
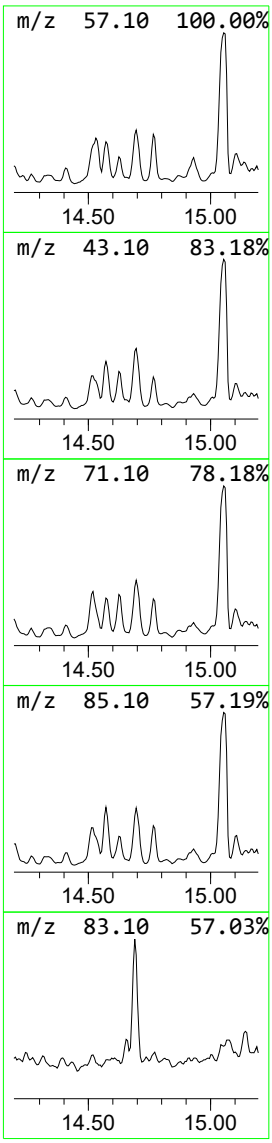
Peak Number 11 2-Methyltetracosane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.695	27.55 ng	36654500	Acenaphthene-d10	14.113

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methyltetracosane	352	C25H52	001560-78-7	64
2	Heptacosane	380	C27H56	000593-49-7	62
3	2-Bromotetradecane	276	C14H29Br	074036-95-6	62
4	Pentadecane, 7-(bromomethyl)-	304	C16H33Br	052997-43-0	58
5	Hexacosane	366	C26H54	000630-01-3	58





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Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
MOO-25-0196

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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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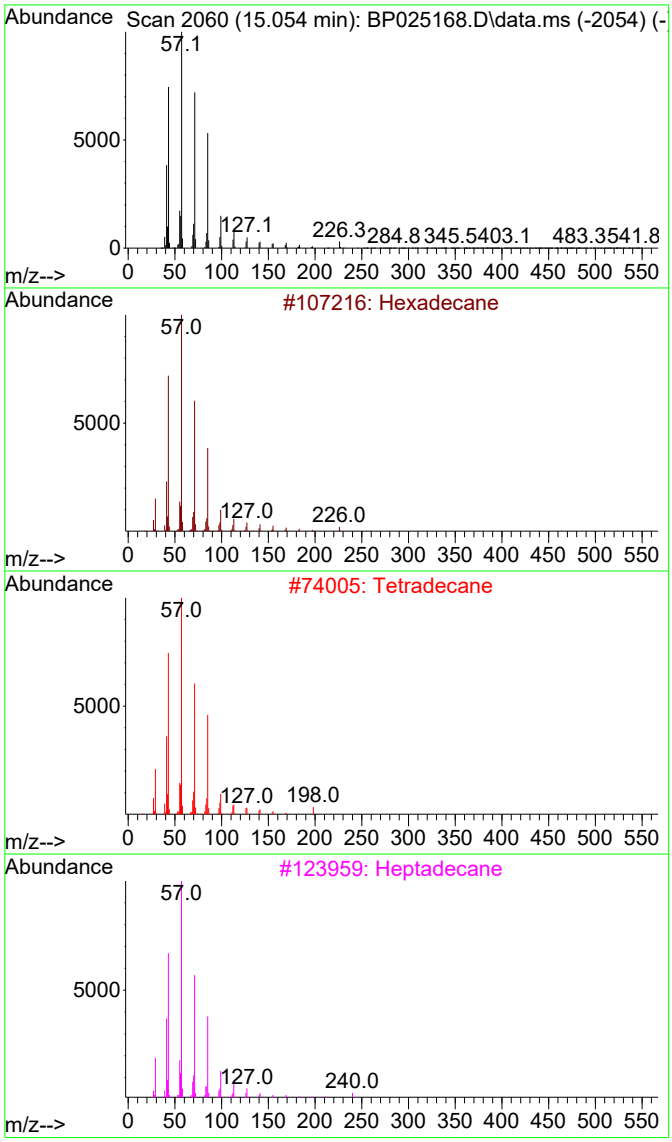
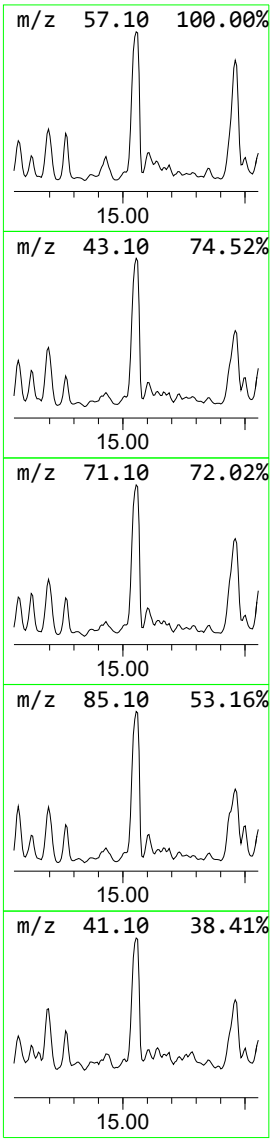
Peak Number 12 Hexadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.054	45.11 ng	60022400	Acenaphthene-d10	14.113

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	96
2	Tetradecane	198	C14H30	000629-59-4	91
3	Heptadecane	240	C17H36	000629-78-7	91
4	Nonadecane	268	C19H40	000629-92-5	91
5	Sulfurous acid, 2-propyl tetrade...	320	C17H36O3S	1010309-12-5	90





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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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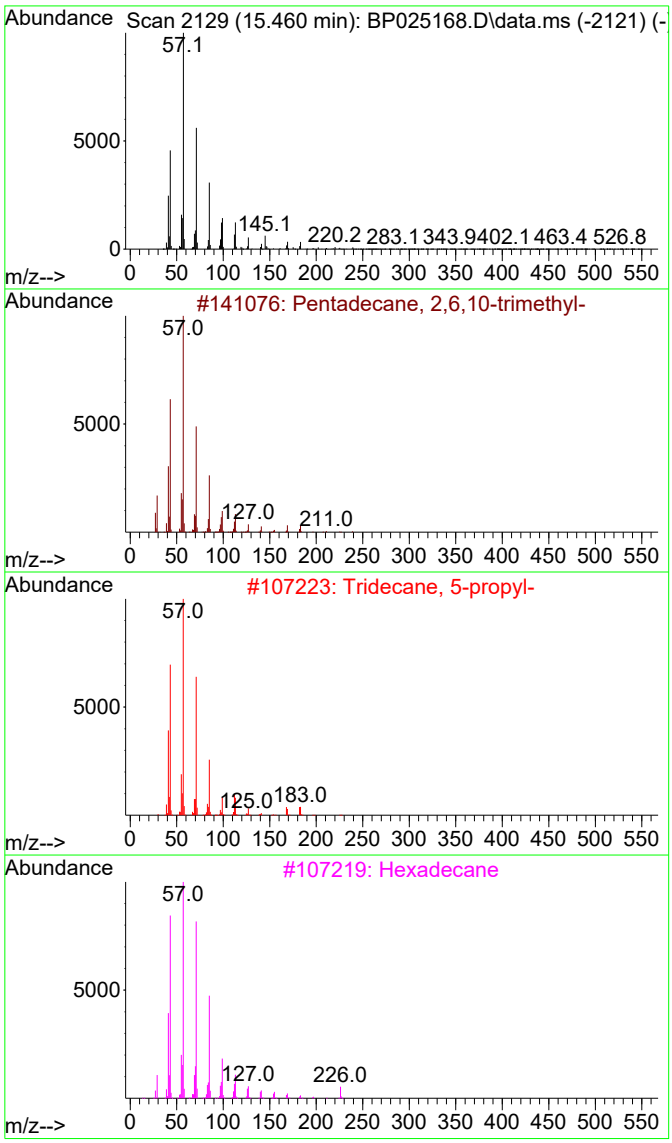
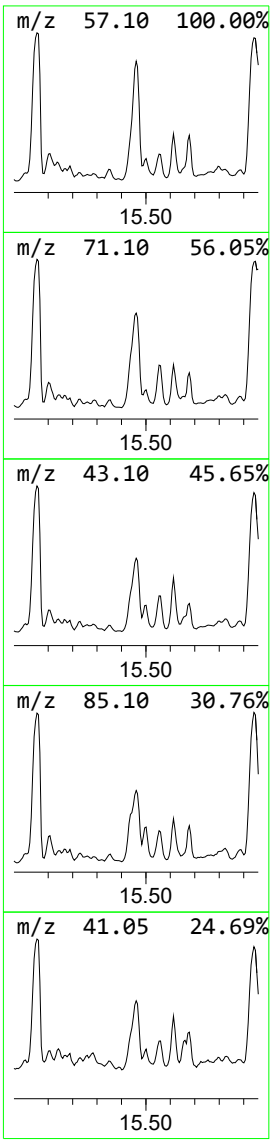
Peak Number 13 Pentadecane, 2,6,10-trimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.460	39.60 ng	52691400	Acenaphthene-d10	14.113

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	94
2	Tridecane, 5-propyl-	226	C16H34	055045-11-9	91
3	Hexadecane	226	C16H34	000544-76-3	74
4	Hexadecane, 3-methyl-	240	C17H36	006418-43-5	72
5	Sulfurous acid, butyl tetradecyl...	334	C18H38O3S	1010309-18-1	72





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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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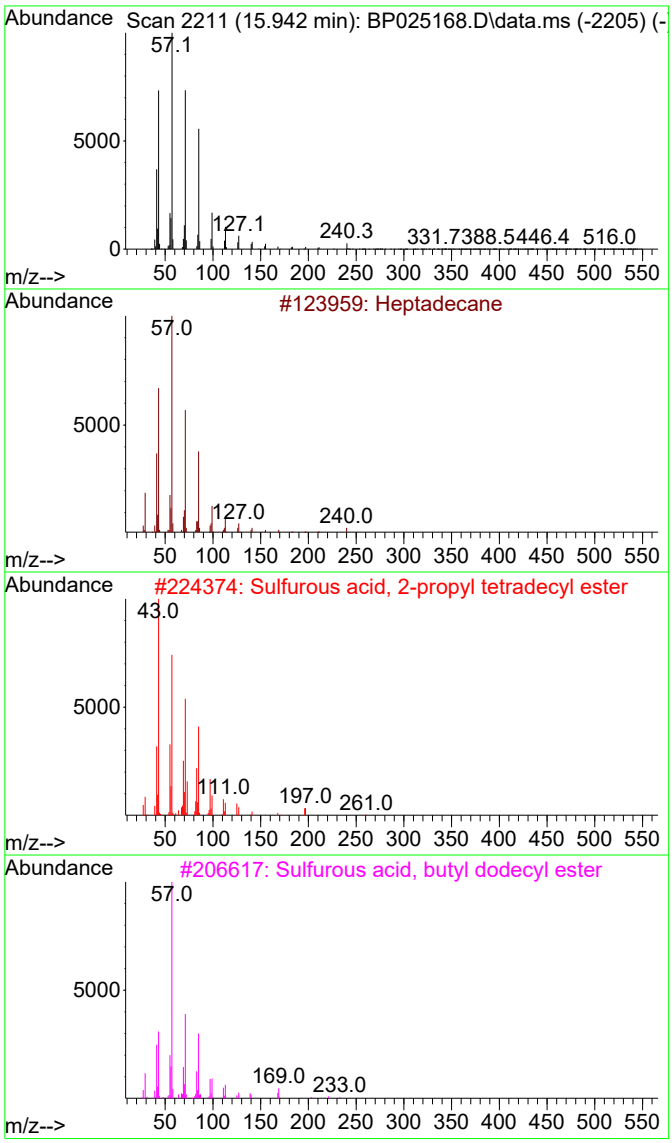
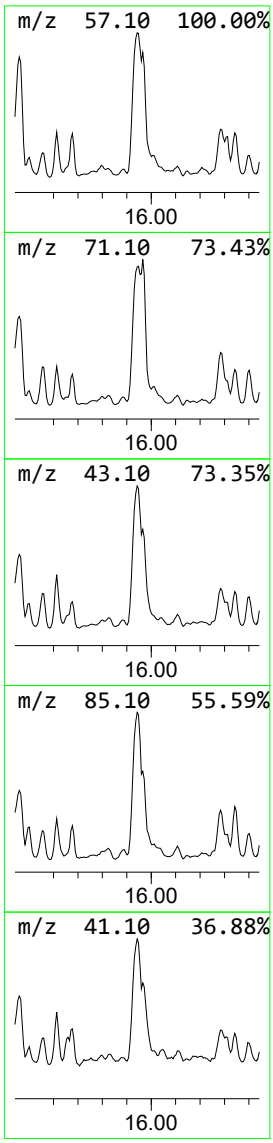
Peak Number 14 Heptadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.942	28.97 ng	57251200	Phenanthrene-d10	16.936

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	95
2	Sulfurous acid, 2-propyl tetrade...	320	C17H36O3S	1010309-12-5	90
3	Sulfurous acid, butyl dodecyl ester	306	C16H34O3S	1000309-17-9	90
4	Heneicosane	296	C21H44	000629-94-7	90
5	2-Bromo dodecane	248	C12H25Br	013187-99-0	90





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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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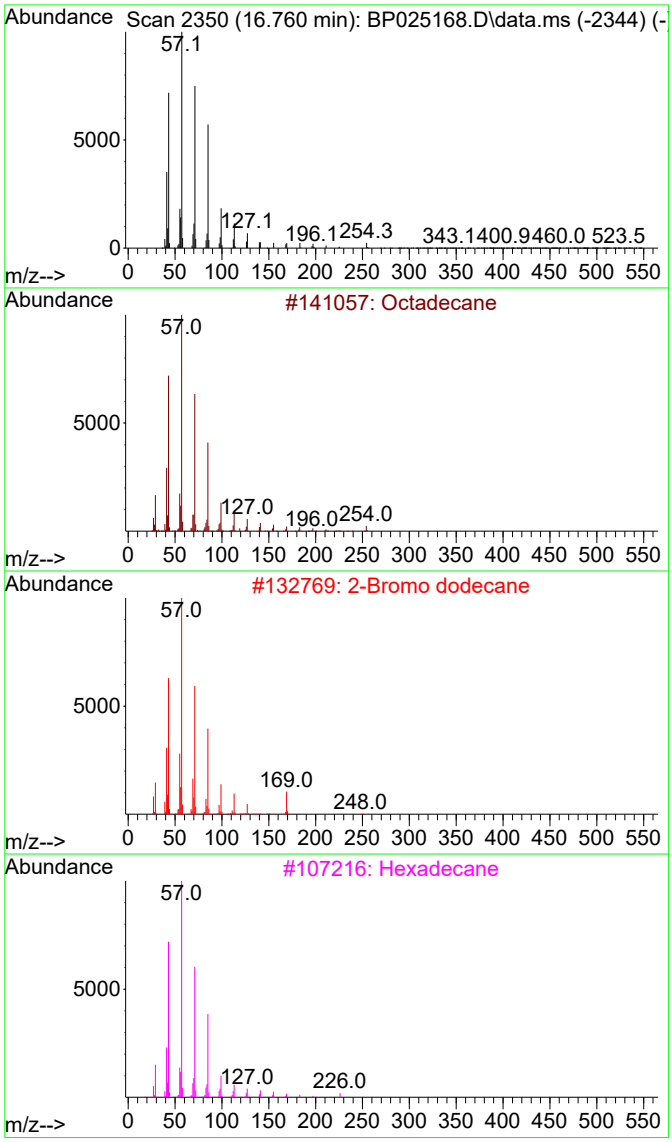
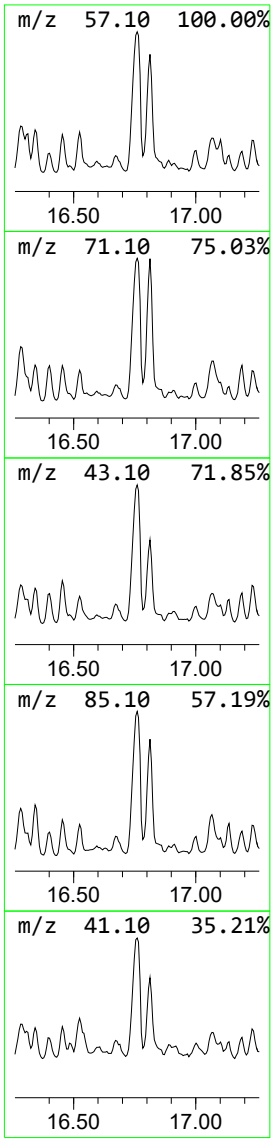
Peak Number 15 Octadecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.760	28.29 ng	55902800	Phenanthrene-d10	16.936

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	94
2	2-Bromo dodecane	248	C12H25Br	013187-99-0	90
3	Hexadecane	226	C16H34	000544-76-3	90
4	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	90
5	Heneicosane	296	C21H44	000629-94-7	90





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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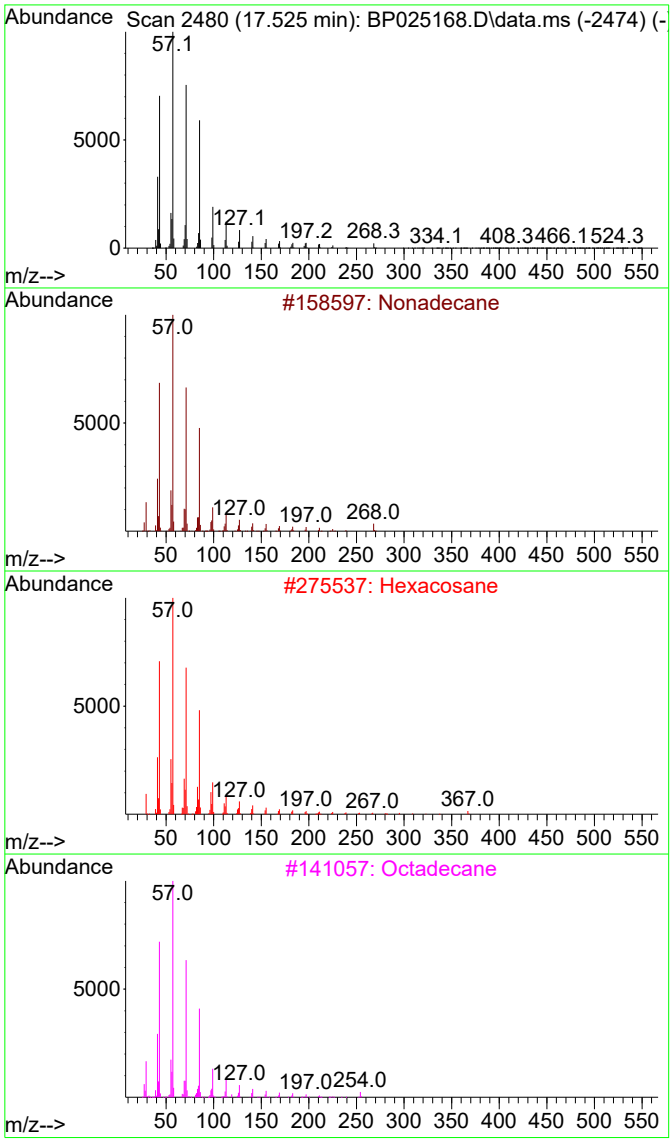
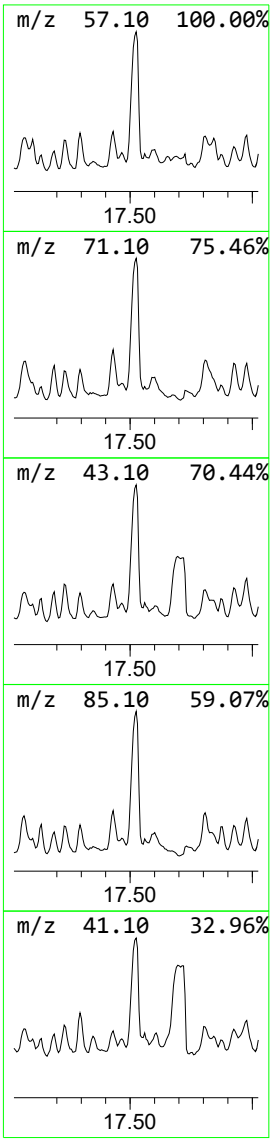
Peak Number 16 Nonadecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.525	24.67 ng	48760400	Phenanthrene-d10	16.936

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	93
2	Hexacosane	366	C26H54	000630-01-3	91
3	Octadecane	254	C18H38	000593-45-3	91
4	Heneicosane	296	C21H44	000629-94-7	91
5	Dotriacontane, 1-iodo-	576	C32H65I	1000406-32-4	90





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ALS Vial : 15 Sample Multiplier: 1

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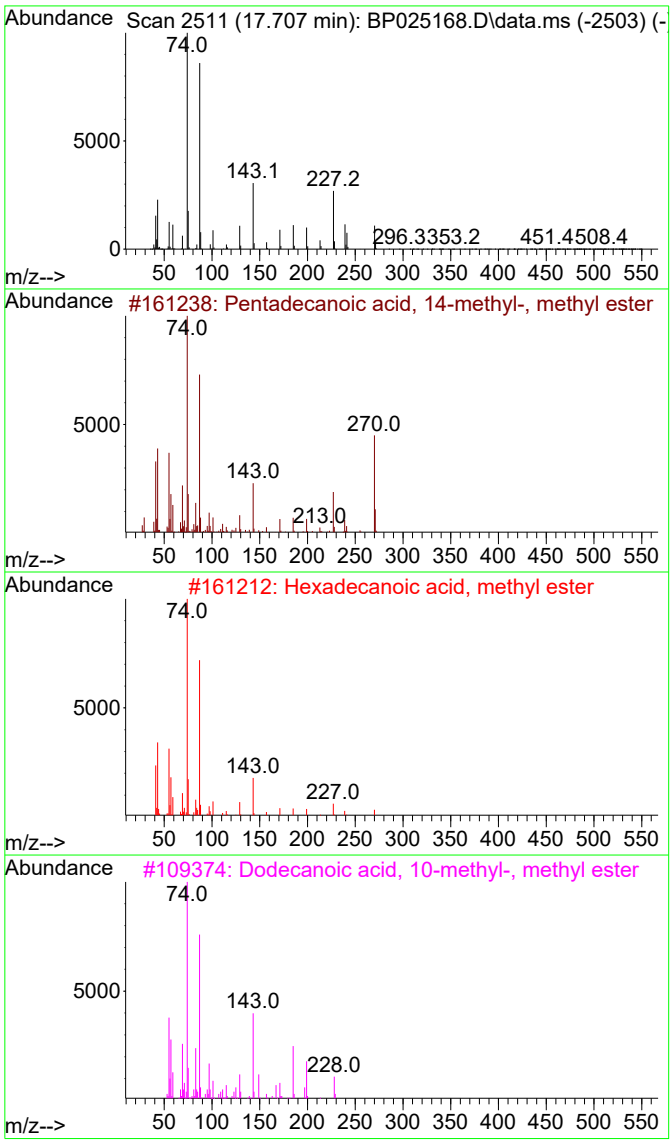
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

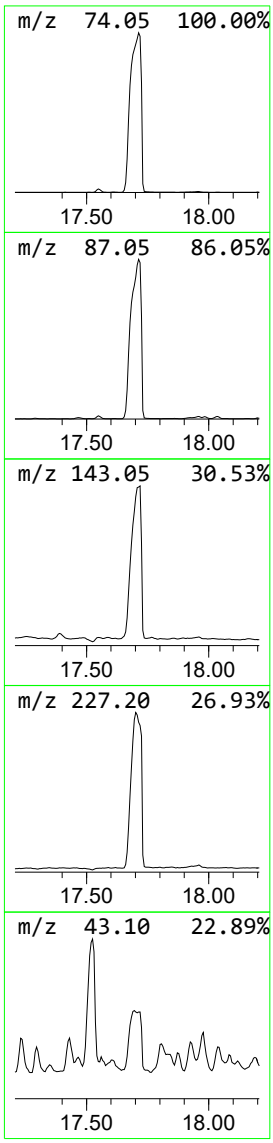
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 Pentadecanoic acid, 14-meth... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.707	53.89 ng	106498000	Phenanthrene-d10	16.936

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	97
2	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	94
3	Dodecanoic acid, 10-methyl-, met...	228	C14H28O2	005129-65-7	87
4	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	81
5	Hexadecanoic acid, 2-methyl-	270	C17H34O2	027147-71-3	74





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071625\
Data File : BP025168.D
Acq On : 16 Jul 2025 21:45
Operator : CG/JU
Sample : Q2565-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MOO-25-0196

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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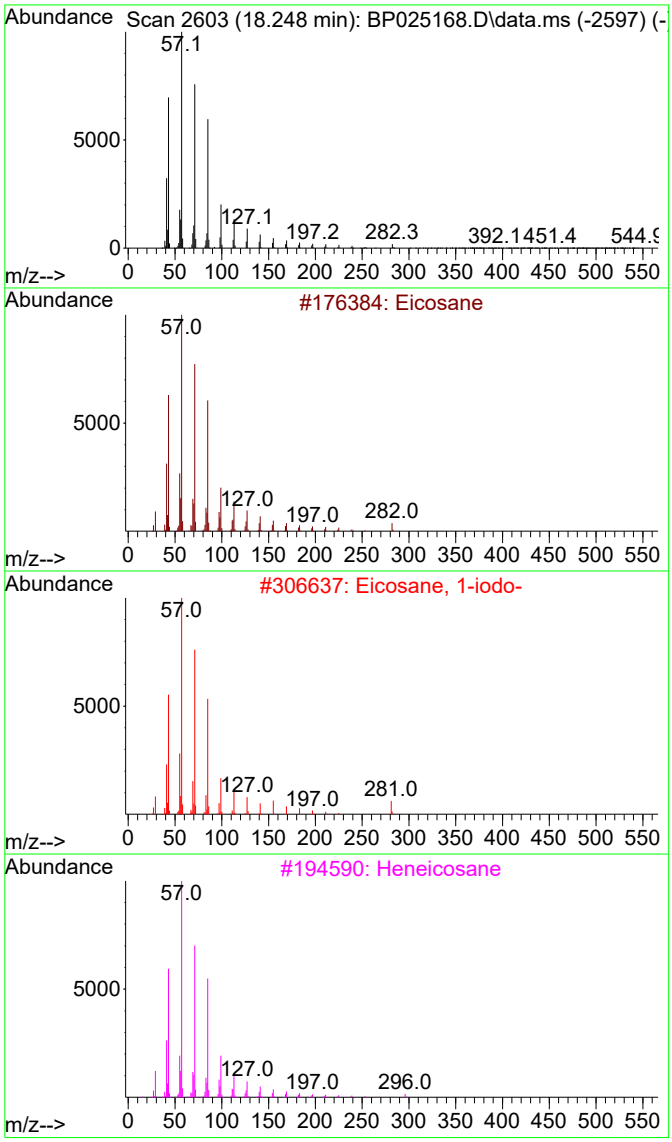
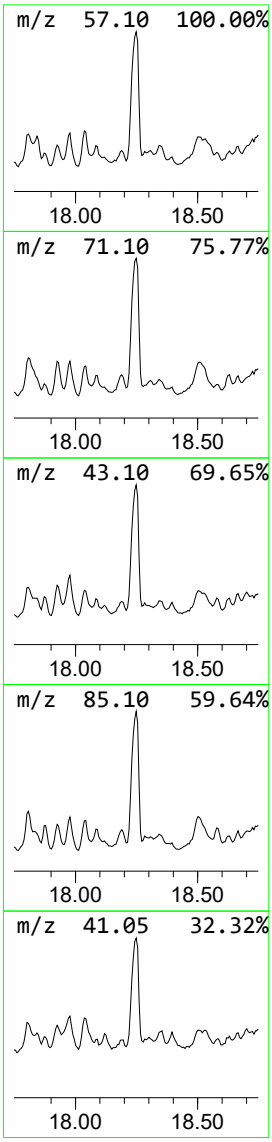
Peak Number 18 Eicosane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.248	24.31 ng	48033200	Phenanthrene-d10	16.936

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	98
2	Eicosane, 1-iodo-	408	C20H41I	1000406-31-8	91
3	Heneicosane	296	C21H44	000629-94-7	91
4	Dotriacontane, 1-iodo-	576	C32H65I	1000406-32-4	91
5	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071625\
Data File : BP025168.D
Acq On : 16 Jul 2025 21:45
Operator : CG/JU
Sample : Q2565-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MOO-25-0196

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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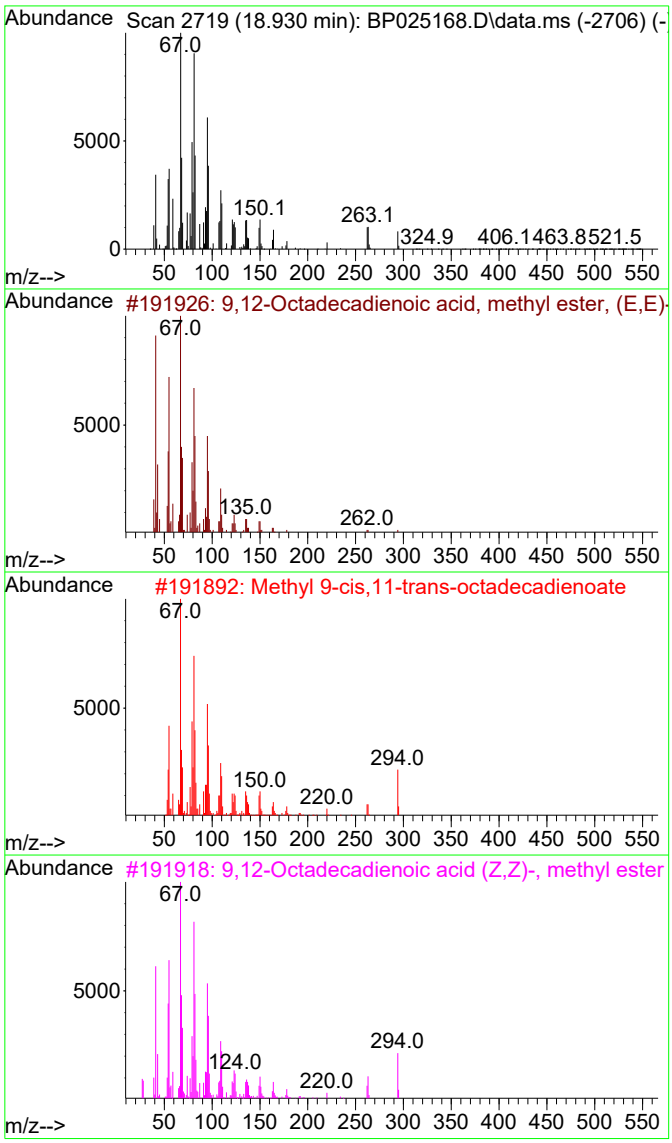
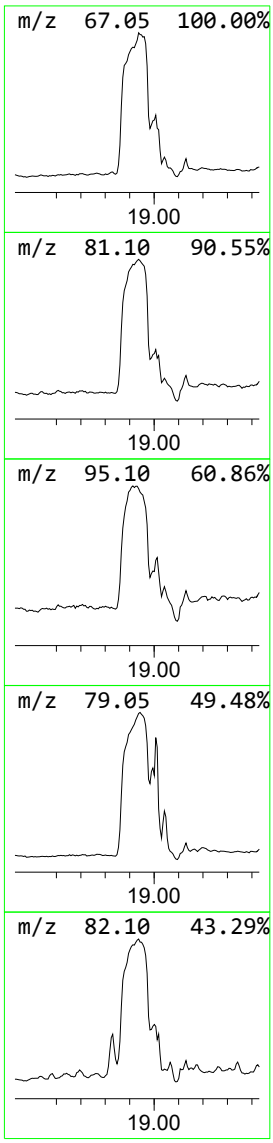
Peak Number 19 9,12-Octadecadienoic acid, ... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.930	65.79 ng	130011000	Phenanthrene-d10	16.936

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99
2	Methyl 9-cis,11-trans-octadecadi...	294	C19H34O2	013058-52-1	99
3	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	98
4	8,11-Octadecadienoic acid, methy...	294	C19H34O2	056599-58-7	96
5	11,14-Octadecadienoic acid, meth...	294	C19H34O2	056554-61-1	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071625\
Data File : BP025168.D
Acq On : 16 Jul 2025 21:45
Operator : CG/JU
Sample : Q2565-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MOO-25-0196

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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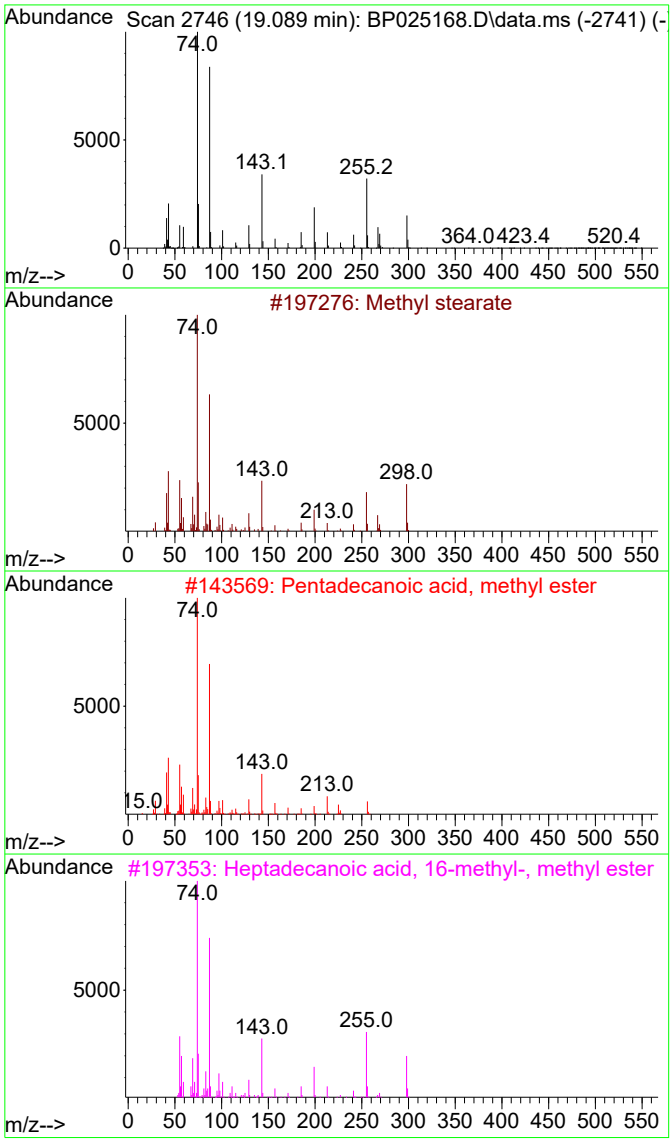
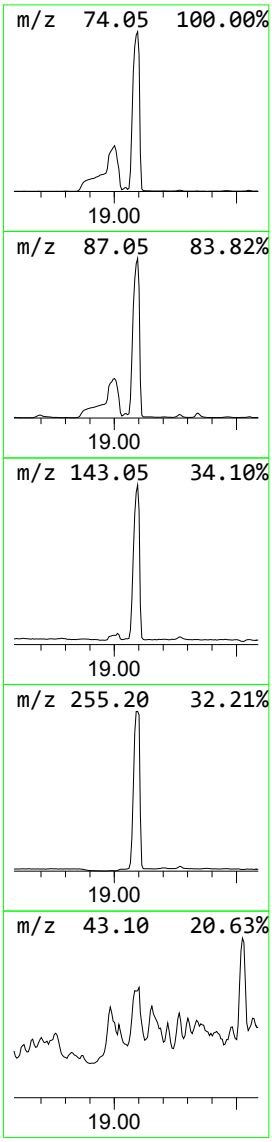
Peak Number 20 Methyl stearate Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.089	23.74 ng	46919300	Phenanthrene-d10	16.936

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl stearate	298	C19H38O2	000112-61-8	97
2	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	93
3	Heptadecanoic acid, 16-methyl-, ...	298	C19H38O2	005129-61-3	93
4	Heptadecanoic acid, 15-methyl-, ...	298	C19H38O2	054833-55-5	91
5	Methyl tetradecanoate	242	C15H30O2	000124-10-7	81





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071625\
Data File : BP025168.D
Acq On : 16 Jul 2025 21:45
Operator : CG/JU
Sample : Q2565-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MOO-25-0196

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
Decane	7.102	20.4	ng	7190150	1	7.449	7035440	20.0
Decane, 3-methyl-	8.219	24.1	ng	8460590	1	7.449	7035440	20.0
Undecane	8.678	84.9	ng	29863200	1	7.449	7035440	20.0
Benzene, 1,3-di...	8.790	41.6	ng	14622100	1	7.449	7035440	20.0
Tridecane	11.684	24.6	ng	83277900	2	10.201	67628900	20.0
Tridecane, 4-me...	12.443	21.3	ng	28277400	3	14.113	26611000	20.0
Naphthalene, 1,...	13.048	21.5	ng	28615500	3	14.113	26611000	20.0
Tridecane, 5-pr...	13.631	45.5	ng	60600300	3	14.113	26611000	20.0
Tridecane, 4,8-...	13.672	27.7	ng	36894700	3	14.113	26611000	20.0
Dodecane	14.519	40.4	ng	53808000	3	14.113	26611000	20.0
2-Methyltetraco...	14.695	27.6	ng	36654500	3	14.113	26611000	20.0
Hexadecane	15.054	45.1	ng	60022400	3	14.113	26611000	20.0
Pentadecane, 2,...	15.460	39.6	ng	52691400	3	14.113	26611000	20.0
Heptadecane	15.942	29.0	ng	57251200	4	16.936	39523000	20.0
Octadecane	16.760	28.3	ng	55902800	4	16.936	39523000	20.0
Nonadecane	17.525	24.7	ng	48760400	4	16.936	39523000	20.0
Pentadecanoic a...	17.707	53.9	ng	106498000	4	16.936	39523000	20.0
Eicosane	18.248	24.3	ng	48033200	4	16.936	39523000	20.0
9,12-Octadecadi...	18.930	65.8	ng	130011000	4	16.936	39523000	20.0
Methyl stearate	19.089	23.7	ng	46919300	4	16.936	39523000	20.0