LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050225\
Data File : BM050082.D
Acq On : 02 May 2025 12:41
Operator : RC/JU
Sample : Q1914-09
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SS-8

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_M\Methods\8270-BM042825.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM050082.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.340	392	400	405	rVV2	7064521	11856997	28.84%	0.949%
2	5.398	405	410	428	rVB	5108834	11811859	28.73%	0.945%
3	5.769	467	473	482	rVB3	11361877	20784719	50.56%	1.663%
4	6.028	509	517	524	rBV	2957427	6083333	14.80%	0.487%
5	6.240	548	553	561	rBV4	2984808	5906598	14.37%	0.473%
6	6.316	561	566	570	rBV	3929266	6370482	15.50%	0.510%
7	6.393	570	579	589	rVB4	4378220	10871210	26.45%	0.870%
8	6.634	615	620	628	rBV3	1799260	4457471	10.84%	0.357%
9	6.745	628	639	645	rBV3	5744690	16355810	39.79%	1.309%
10	6.810	645	650	652	rVV	4957143	7568445	18.41%	0.606%
11	6.845	652	656	661	rVV	10775096	17966345	43.71%	1.438%
12	6.910	661	667	675	rVV3	8118512	23613297	57.44%	1.889%
13	6.981	675	679	686	rVB	5457484	8545683	20.79%	0.684%
14	7.145	701	707	712	rBV	5418454	9336991	22.71%	0.747%
15	7.245	720	724	732	rVB4	2246930	4881435	11.87%	0.391%
16	7.398	742	750	757	rBV2	14058658	40878027	99.44%	3.271%
17	7.657	789	794	802	rBV2	2691821	6628571	16.13%	0.530%
18	7.740	802	808	814	rVB2	6650546	12350445	30.04%	0.988%
19	7.875	826	831	838	rVB2	5585084	10540116	25.64%	0.843%
20	7.945	838	843	847	rBV2	2917570	4164538	10.13%	0.333%
21	8.045	851	860	866	rVB5	3998468	10076422	24.51%	0.806%
22	8.128	866	874	881	rVB3	4134114	8384076	20.40%	0.671%
23	8.251	890	895	897	rBV	2565170	4538789	11.04%	0.363%
24	8.304	897	904	909	rVB2	7770308	16077437	39.11%	1.286%
25	8.398	915	920	934	rVB3	10585141	30036365	73.07%	2.403%
26	8.528	936	942	945	rBV2	6558156	12271354	29.85%	0.982%
27	8.710	968	973	977	rBV	4849723	8287902	20.16%	0.663%
28	8.763	977	982	989	rVB	5588643	10974286	26.70%	0.878%
29	8.869	989	1000	1005	rBV2	10450406	26156693	63.63%	2.093%
30	8.945	1010	1013	1017	rVV3	4318222	8538473	20.77%	0.683%
31	8.998	1017	1022	1030	rVB	12390707	29831615	72.57%	2.387%
32	9.116	1030	1042	1048	rBV8	6696866	21112607	51.36%	1.689%
33	9.198	1048	1056	1059	rBV4	4484666	10398970	25.30%	0.832%
34	9.392	1085	1089	1094	rBV2	3562006	6546198	15.92%	0.524%
35	9.451	1094	1099	1102	rBV	5291893	9279863	22.57%	0.743%
36	9.645	1126	1132	1135	rBV3	3992328	7621418	18.54%	0.610%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050225\
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Acq On : 02 May 2025 12:41
Operator : RC/JU
Sample : Q1914-09
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SS-8

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_M\Methods\8270-BM042825.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	9.692	1135	1140	1144	rBV3	3916101	6161513	14.99%	0.493%
38	9.739	1144	1148	1156	rBV5	4055666	9704479	23.61%	0.777%
39	9.810	1156	1160	1163	rBV2	4529453	8274302	20.13%	0.662%
40	9.916	1172	1178	1181	rBV2	7208085	13919532	33.86%	1.114%
41	9.957	1181	1185	1189	rVV2	5386922	10201879	24.82%	0.816%
42	10.092	1203	1208	1213	rBV3	4538045	9867830	24.01%	0.790%
43	10.145	1214	1217	1221	rVV3	3951424	6814714	16.58%	0.545%
44	10.192	1221	1225	1231	rVB	8023240	14475108	35.21%	1.158%
45	10.263	1231	1237	1242	rBV	4605044	8376469	20.38%	0.670%
46	10.345	1245	1251	1260	rVB5	3687420	7604945	18.50%	0.609%
47	10.469	1267	1272	1276	rVV4	4864560	11327166	27.56%	0.906%
48	10.545	1277	1285	1291	rVV2	12685451	41107047	100.00%	3.289%
49	10.610	1291	1296	1303	rVV4	5860235	17430351	42.40%	1.395%
50	10.681	1304	1308	1312	rVV2	6756860	14343923	34.89%	1.148%
51	10.733	1312	1317	1321	rVV	6983749	13332679	32.43%	1.067%
52	10.786	1321	1326	1334	rVV4	4781070	11397142	27.73%	0.912%
53	11.028	1363	1367	1376	rVB2	5775166	13590815	33.06%	1.088%
54	11.139	1381	1386	1390	rBV2	3305155	5341979	13.00%	0.427%
55	11.222	1396	1400	1402	rBV2	3639512	5755045	14.00%	0.461%
56	11.333	1416	1419	1425	rVB3	5338755	8747395	21.28%	0.700%
57	11.404	1426	1431	1437	rVB4	6567055	12732251	30.97%	1.019%
58	11.480	1438	1444	1451	rBV3	8041664	19052707	46.35%	1.525%
59	11.598	1458	1464	1473	rBV4	7693120	19890497	48.39%	1.592%
60	11.763	1485	1492	1499	rBV2	10519652	22155664	53.90%	1.773%
61	12.010	1526	1534	1542	rBV2	7712800	20296736	49.38%	1.624%
62	12.445	1603	1608	1611	rBV4	4588921	9168954	22.31%	0.734%
63	12.492	1611	1616	1620	rVB2	7627703	14428334	35.10%	1.155%
64	12.627	1636	1639	1643	rVB3	3860720	5876761	14.30%	0.470%
65	12.674	1643	1647	1654	rVB5	4323205	9020987	21.95%	0.722%
66	12.739	1654	1658	1665	rBV6	5016043	10761570	26.18%	0.861%
67	12.904	1681	1686	1691	rBV3	6097111	12861799	31.29%	1.029%
68	12.957	1691	1695	1700	rVB3	7164275	12072419	29.37%	0.966%
69	13.116	1719	1722	1728	rVB5	3711521	5653414	13.75%	0.452%
70	13.263	1740	1747	1752	rVB3	7151712	18144737	44.14%	1.452%
71	13.363	1757	1764	1768	rVV2	6241242	14298047	34.78%	1.144%
72	13.410	1769	1772	1776	rVB2	4573730	5776931	14.05%	0.462%
73	13.692	1816	1820	1822	rBV3	3866296	5939396	14.45%	0.475%
74	13.880	1848	1852	1854	rBV4	3976954	6161855	14.99%	0.493%
75	13.945	1860	1863	1869	rVB6	4095078	5370640	13.07%	0.430%
76	14.327	1922	1928	1933	rBV2	7635107	18814949	45.77%	1.506%

LSC Area Percent Report

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Acq On : 02 May 2025 12:41
Operator : RC/JU
Sample : Q1914-09
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SS-8

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_M\Methods\8270-BM042825.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	14.392	1935	1939	1947	rVV6	4600556	11654430	28.35%	0.933%
78	14.821	2009	2012	2018	rVB4	5167451	7638832	18.58%	0.611%
79	15.286	2086	2091	2095	rVB	5767651	12116591	29.48%	0.970%
80	15.827	2179	2183	2189	rBV2	3808938	7763527	18.89%	0.621%
81	15.892	2190	2194	2204	rVB6	4431644	10893326	26.50%	0.872%
82	16.139	2231	2236	2240	rBV2	7298275	18189810	44.25%	1.456%
83	16.933	2365	2371	2374	rBV	6758387	14098126	34.30%	1.128%
84	16.980	2375	2379	2388	rVB2	7268231	15765828	38.35%	1.262%
85	17.662	2490	2495	2500	rVB	7689427	14921627	36.30%	1.194%
86	17.833	2519	2524	2528	rVB	12133544	20238473	49.23%	1.619%
87	18.351	2607	2612	2621	rBV	8615974	15835901	38.52%	1.267%
88	18.815	2688	2691	2704	rVB4	3139889	7093844	17.26%	0.568%
89	18.998	2712	2722	2724	rBV4	13520863	40913863	99.53%	3.274%
90	19.139	2742	2746	2751	rVB	9189017	12486045	30.37%	0.999%
91	19.215	2752	2759	2766	rVB	8121258	15888692	38.65%	1.271%
92	19.562	2813	2818	2821	rBV2	9405446	15602634	37.96%	1.248%
93	19.780	2851	2855	2860	rVB	8910839	11429994	27.81%	0.915%
94	20.092	2903	2908	2911	rBV2	8380238	10703508	26.04%	0.856%
95	20.580	2987	2991	3001	rVB	6752287	8880021	21.60%	0.711%
96	21.062	3069	3073	3082	rVB3	4034235	5900689	14.35%	0.472%
97	21.374	3121	3126	3132	rVV2	4228399	9499967	23.11%	0.760%
98	21.433	3132	3136	3147	rVB	3079866	4962266	12.07%	0.397%
99	23.433	3469	3476	3483	rBV	1913717	5598123	13.62%	0.448%
100	24.233	3605	3612	3624	rVB	1727940	4288661	10.43%	0.343%

Sum of corrected areas: 1249722579

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050225\
Data File : BM050082.D
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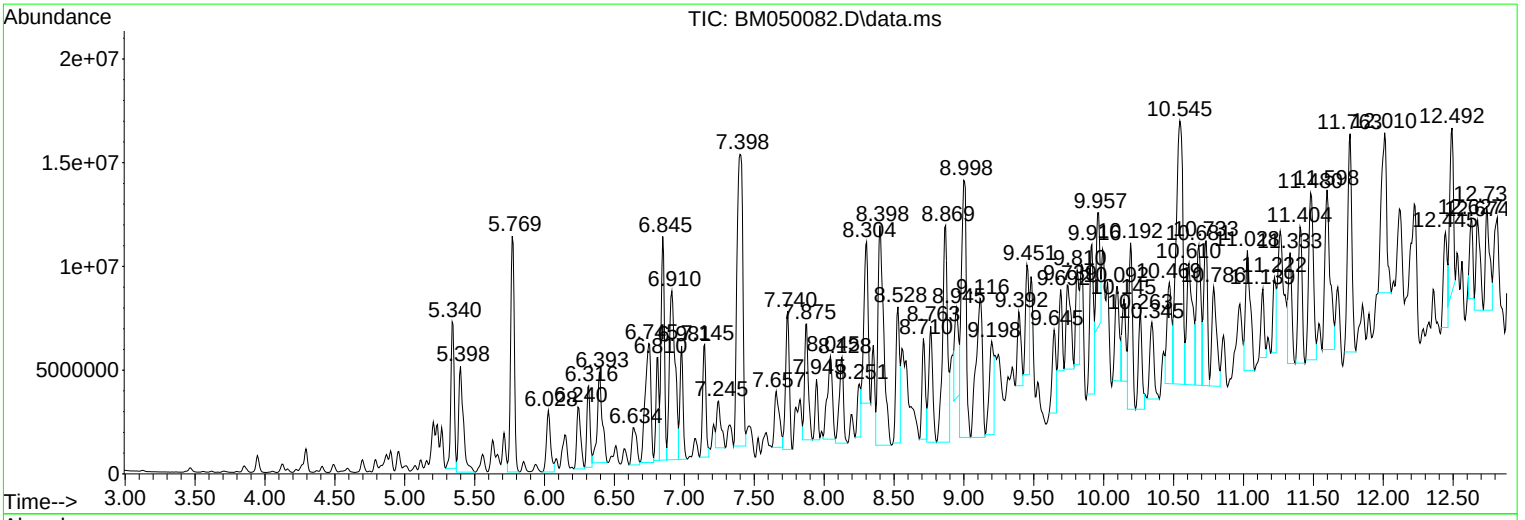
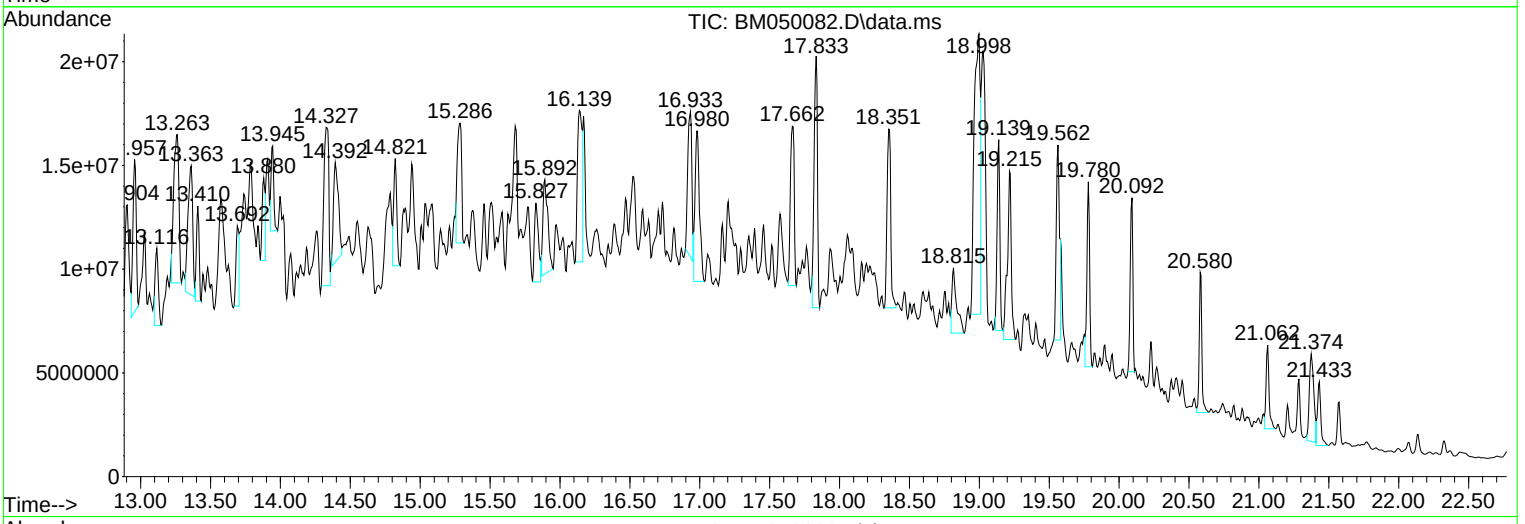
Sample : Q1914-09
Misc :
ALS Vial : 5 Sample Multiplier: 1

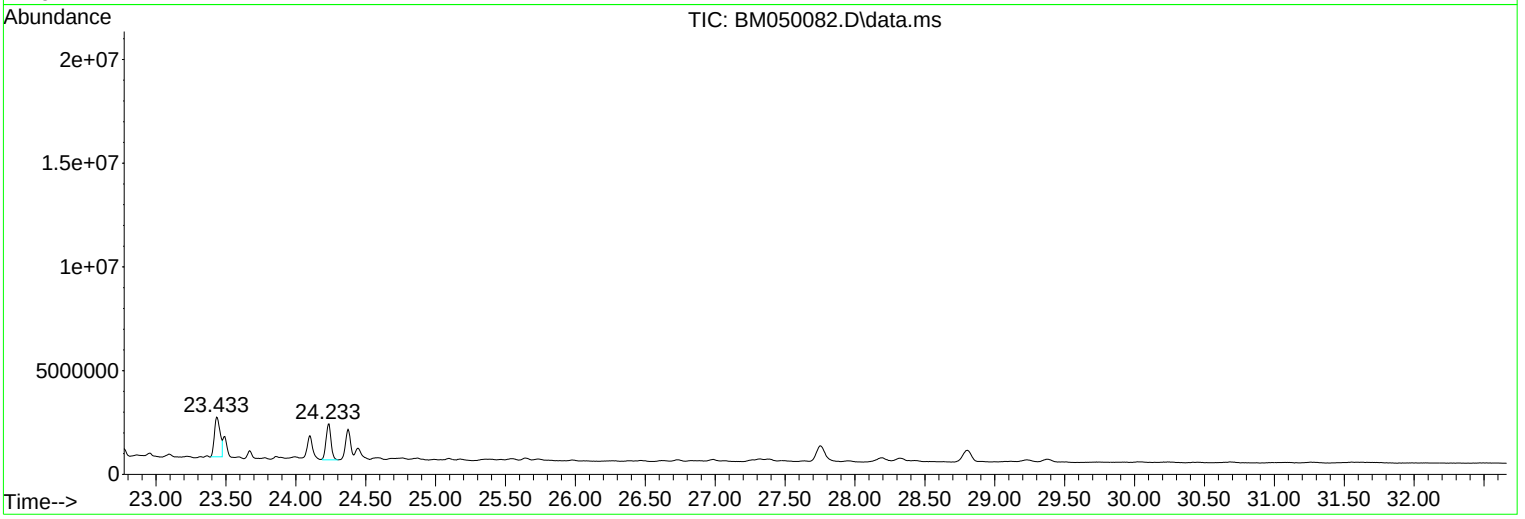
Instrument :
BNA_M
ClientSampleId :
SS-8

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.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_M\Data\BM050225\
Data File : BM050082.D
Acq On : 02 May 2025 12:41
Operator : RC/JU
Sample : Q1914-09
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Instrument :
BNA_M
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

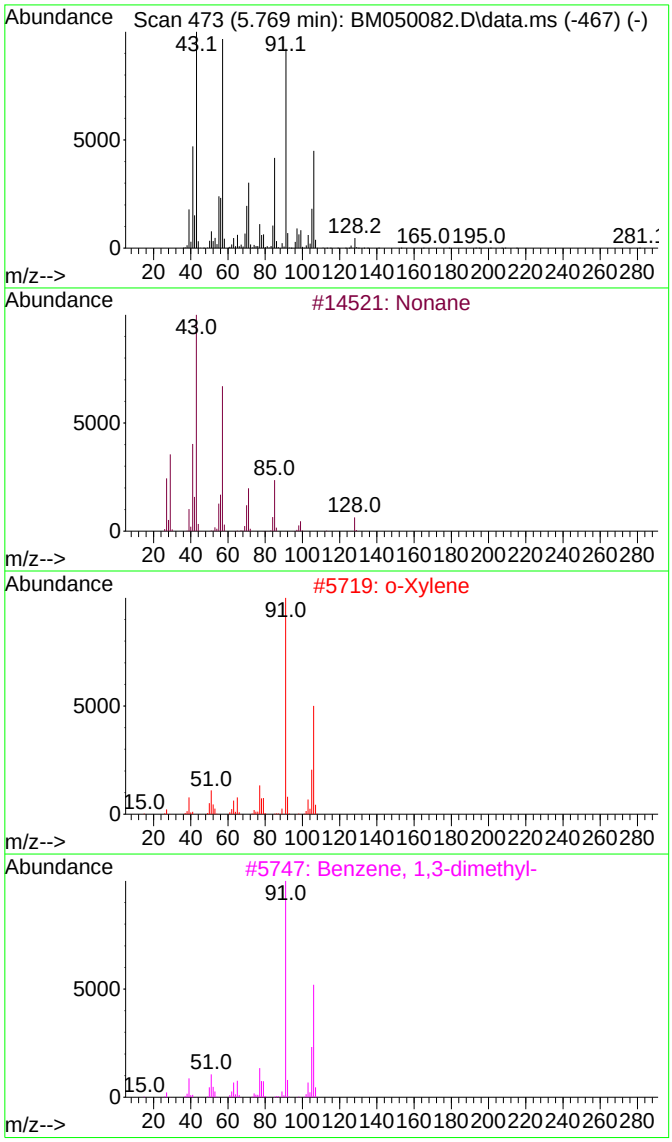
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

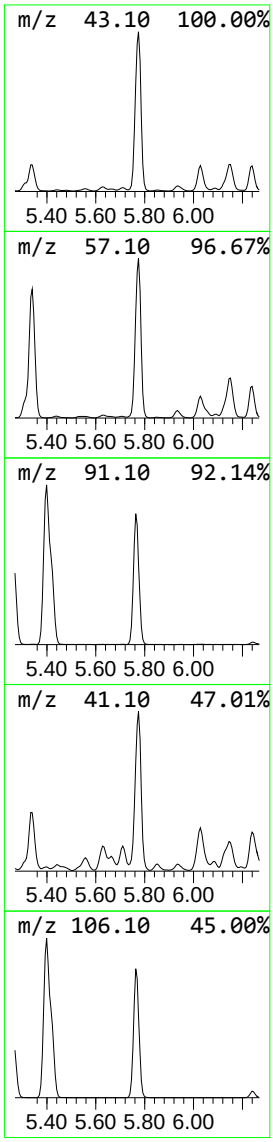
****

Peak Number 1 Nonane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.769	33.66 ng	20784700	1,4-Dichlorobenzene-d4	7.751

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane	128	C9H20	000111-84-2	91
2	o-Xylene	106	C8H10	000095-47-6	68
3	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	68
4	p-Xylene	106	C8H10	000106-42-3	64
5	1-Octanol, 2-butyl-	186	C12H26O	003913-02-8	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050225\
Data File : BM050082.D
Acq On : 02 May 2025 12:41
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Sample : Q1914-09
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ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.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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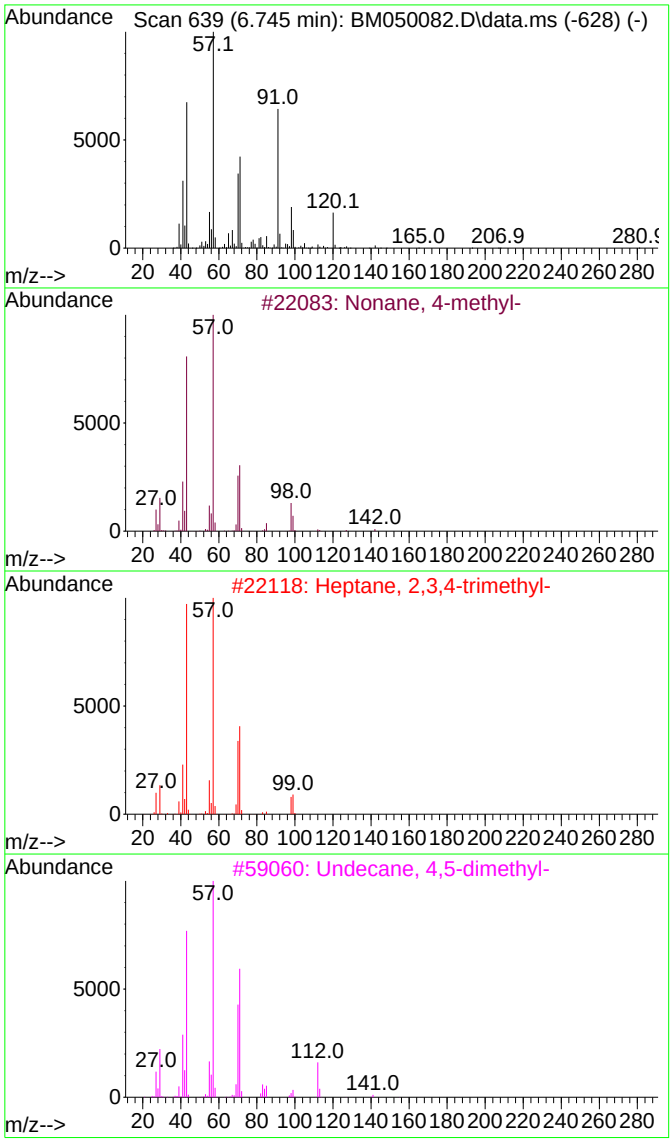
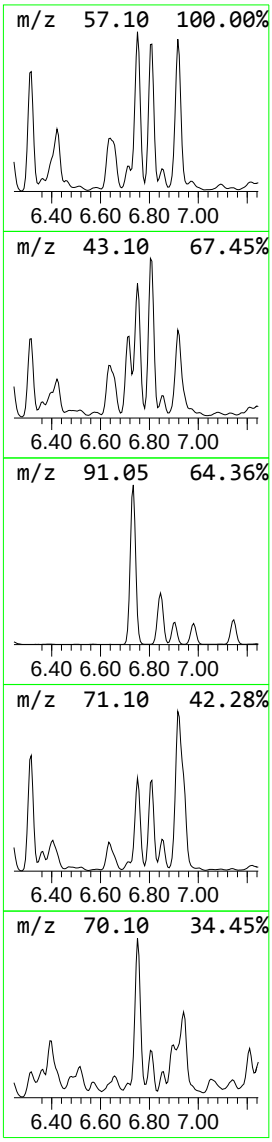
Peak Number 2 Nonane, 4-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.745	26.49 ng	16355800	1,4-Dichlorobenzene-d4	7.751

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 4-methyl-	142	C10H22	017301-94-9	81
2	Heptane, 2,3,4-trimethyl-	142	C10H22	052896-95-4	59
3	Undecane, 4,5-dimethyl-	184	C13H28	017312-79-7	53
4	Pentane, 2,2,3,3-tetramethyl-	128	C9H20	007154-79-2	50
5	3-Hexanone, 2,2-dimethyl-	128	C8H16O	005405-79-8	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050225\
Data File : BM050082.D
Acq On : 02 May 2025 12:41
Operator : RC/JU
Sample : Q1914-09
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.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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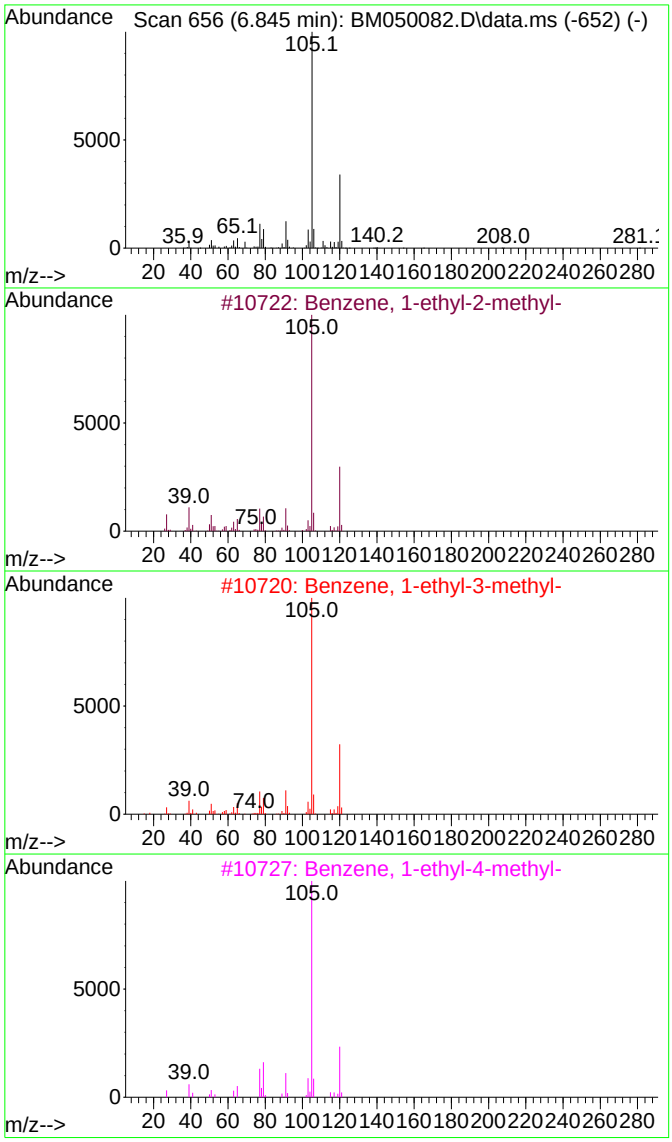
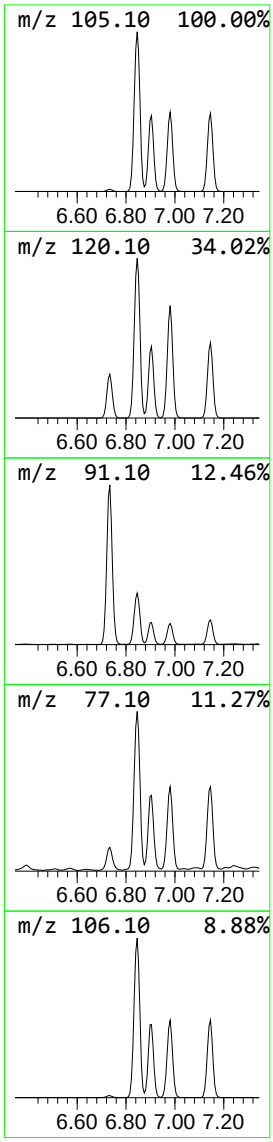
Peak Number 3 Benzene, 1-ethyl-2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.845	29.09 ng	17966300	1,4-Dichlorobenzene-d4	7.751

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
2	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	95
3	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
5	Mesitylene	120	C9H12	000108-67-8	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050225\
Data File : BM050082.D
Acq On : 02 May 2025 12:41
Operator : RC/JU
Sample : Q1914-09
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SS-8

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.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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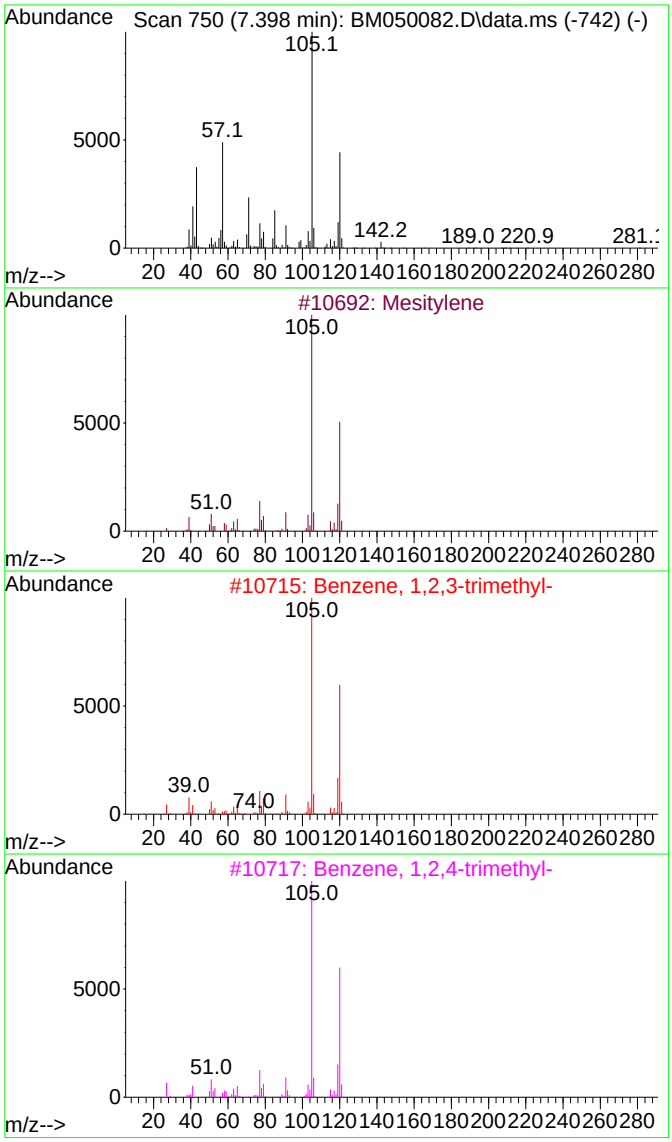
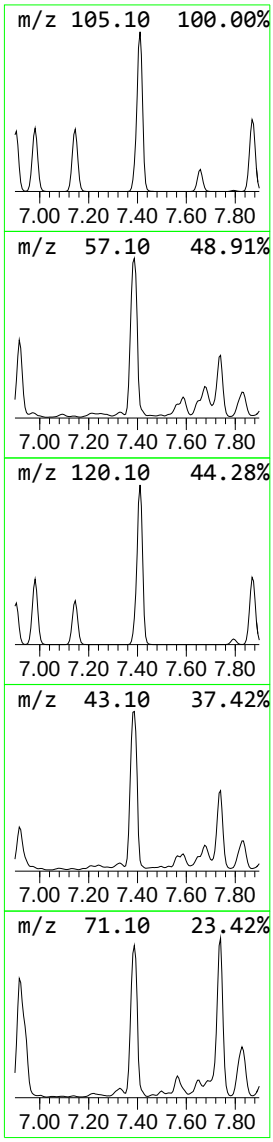
Peak Number 4 Mesitylene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.398	66.20 ng	40878000	1,4-Dichlorobenzene-d4	7.751

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Mesitylene	120	C9H12	000108-67-8	95
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	70
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	70





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050225\
Data File : BM050082.D
Acq On : 02 May 2025 12:41
Operator : RC/JU
Sample : Q1914-09
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.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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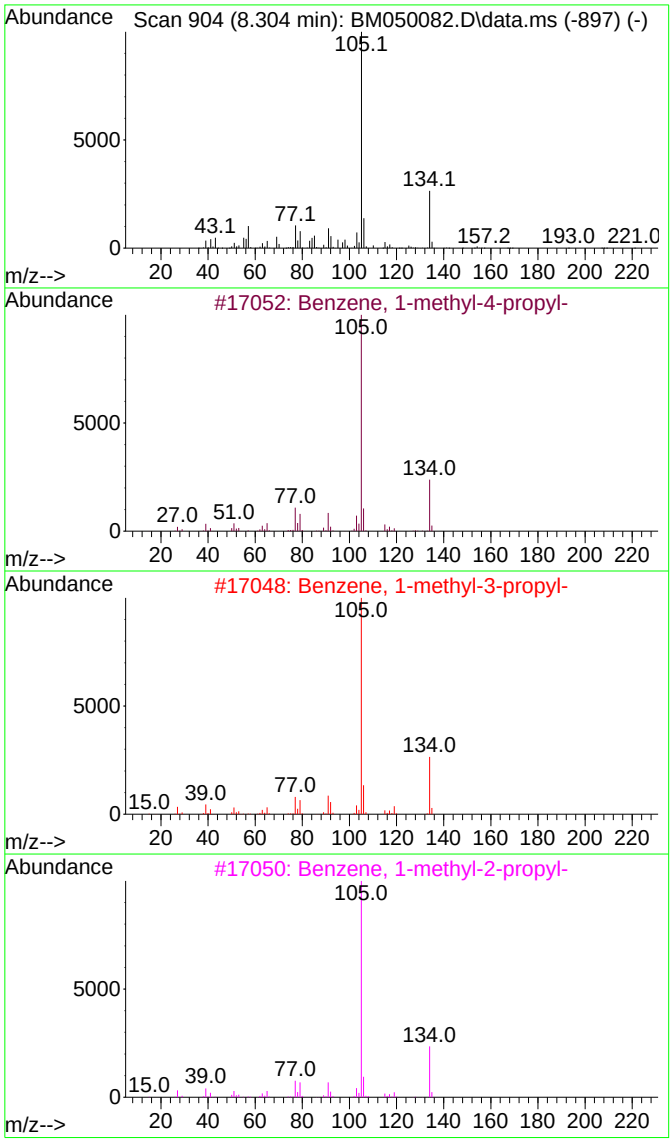
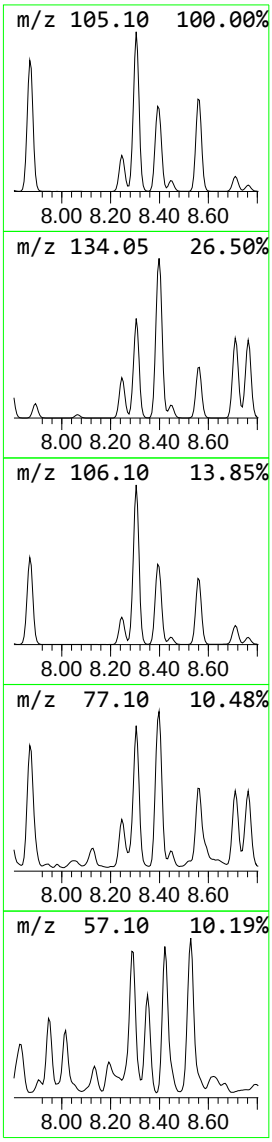
Peak Number 5 Benzene, 1-methyl-4-propyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.304	26.04 ng	16077400	1,4-Dichlorobenzene-d4	7.751

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	76
2	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	76
3	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	76
4	2-Tolyloxirane	134	C9H10O	002783-26-8	62
5	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	62





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Sample : Q1914-09
Misc :
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Instrument :
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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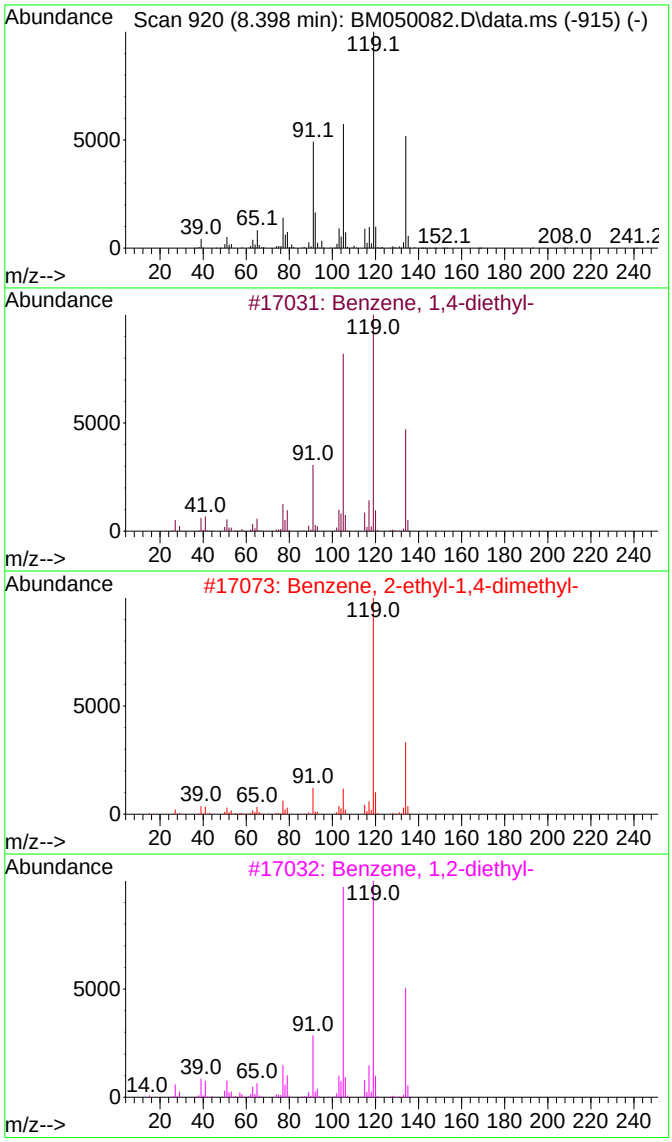
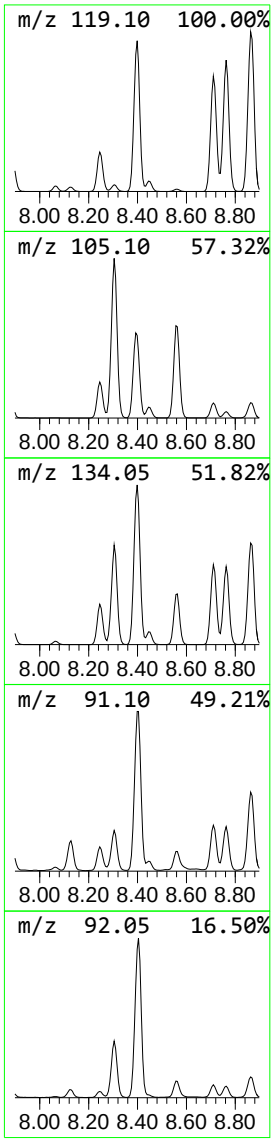
Peak Number 6 Benzene, 1,4-diethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.398	48.64 ng	30036400	1,4-Dichlorobenzene-d4	7.751

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	95
2	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	94
3	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	94
4	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	92
5	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91





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

TIC Library : C:\Database\NIST20.L
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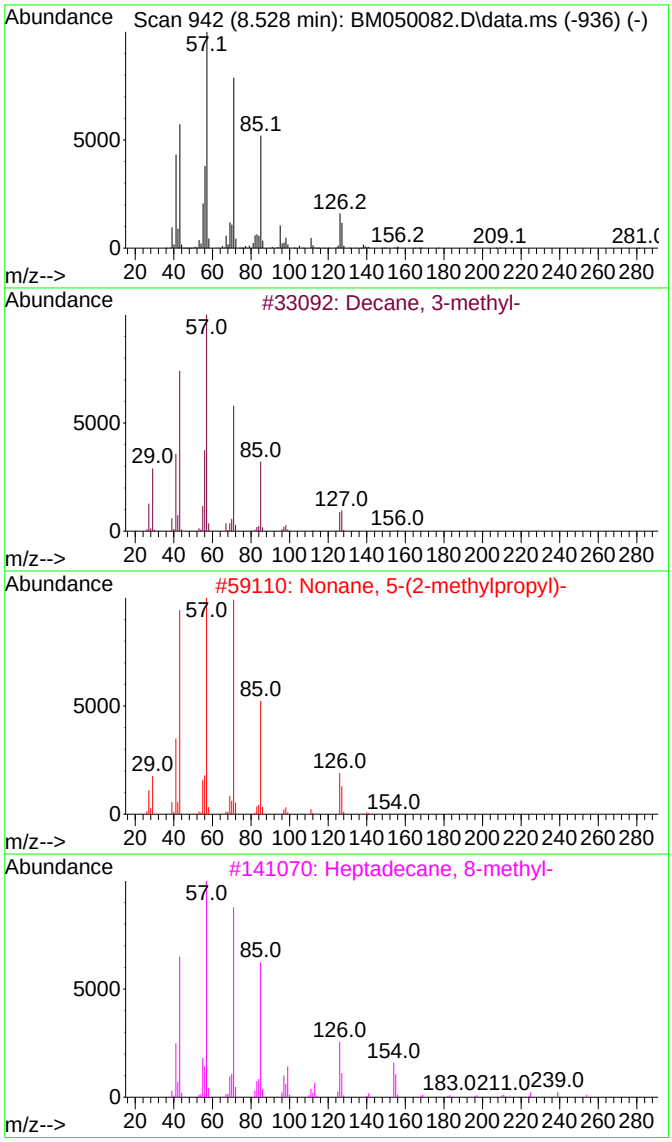
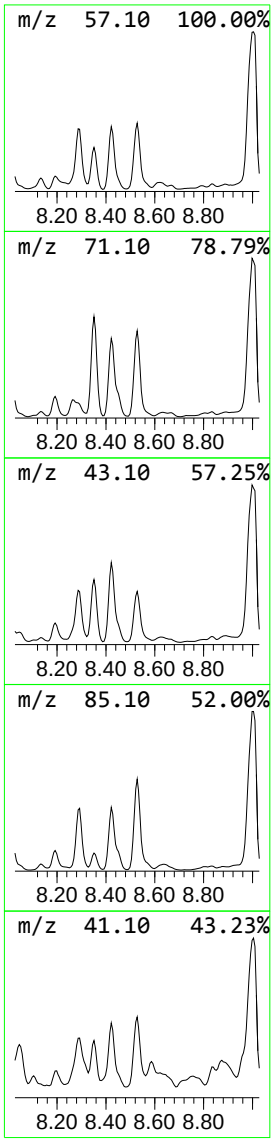
Peak Number 7 Decane, 3-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.528	19.87 ng	12271400	1,4-Dichlorobenzene-d4	7.751

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 3-methyl-	156	C11H24	013151-34-3	93
2	Nonane, 5-(2-methylpropyl)-	184	C13H28	062185-53-9	78
3	Heptadecane, 8-methyl-	254	C18H38	013287-23-5	72
4	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	72
5	Undecane, 3-methyl-	170	C12H26	001002-43-3	64





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ClientSampleId :
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TIC Library : C:\Database\NIST20.L
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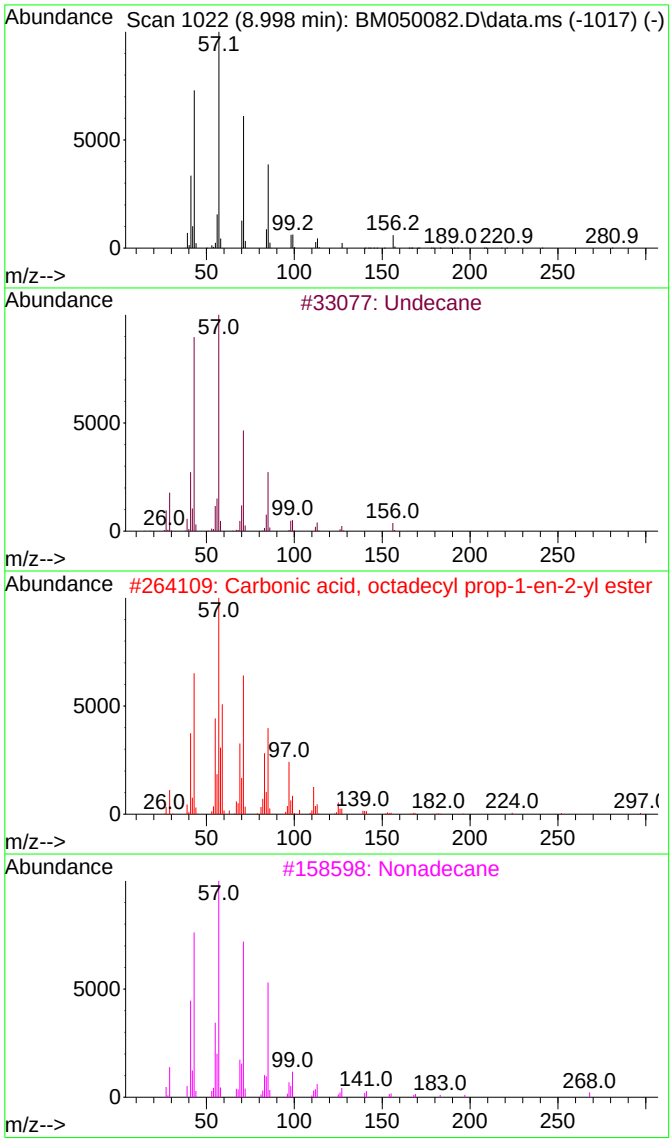
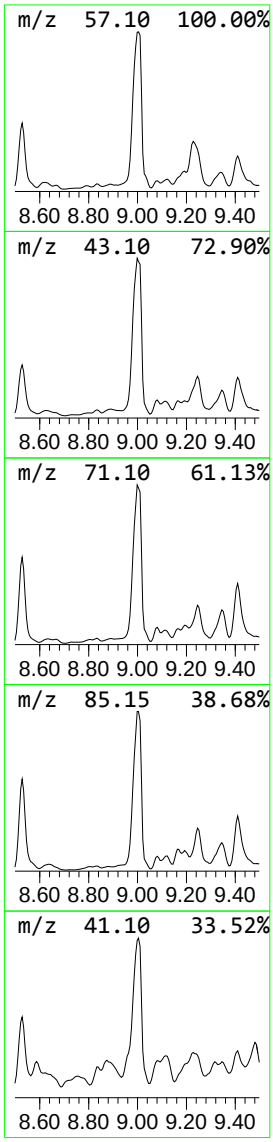
Peak Number 8 Undecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.998	48.31 ng	29831600	1,4-Dichlorobenzene-d4	7.751

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane	156	C11H24	001120-21-4	94
2	Carbonic acid, octadecyl prop-1-...	354	C22H42O3	1000383-11-5	90
3	Nonadecane	268	C19H40	000629-92-5	90
4	Hexadecane	226	C16H34	000544-76-3	90
5	Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	78





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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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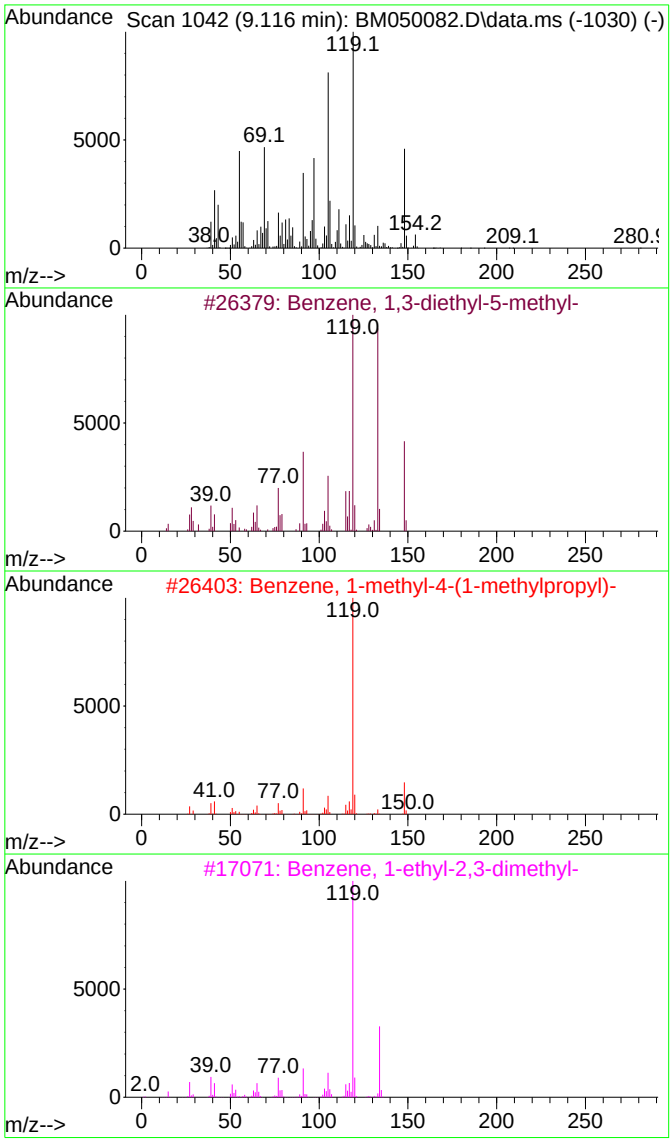
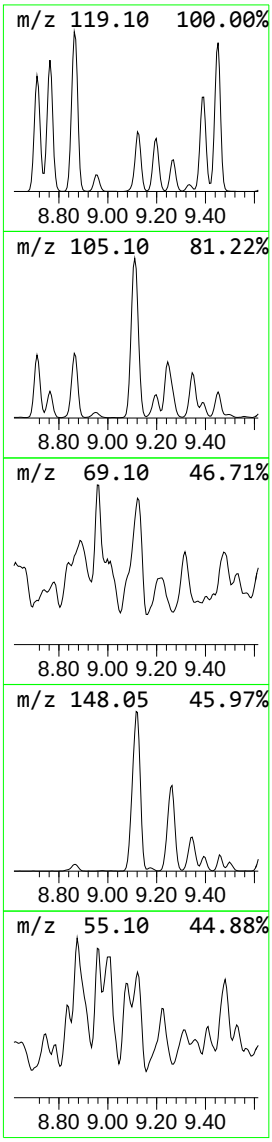
Peak Number 9 Benzene, 1,3-diethyl-5-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.116	34.19 ng	21112600	1,4-Dichlorobenzene-d4	7.751

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	53
3	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	43
4	o-Cymene	134	C10H14	000527-84-4	42
5	p-Cymene	134	C10H14	000099-87-6	42





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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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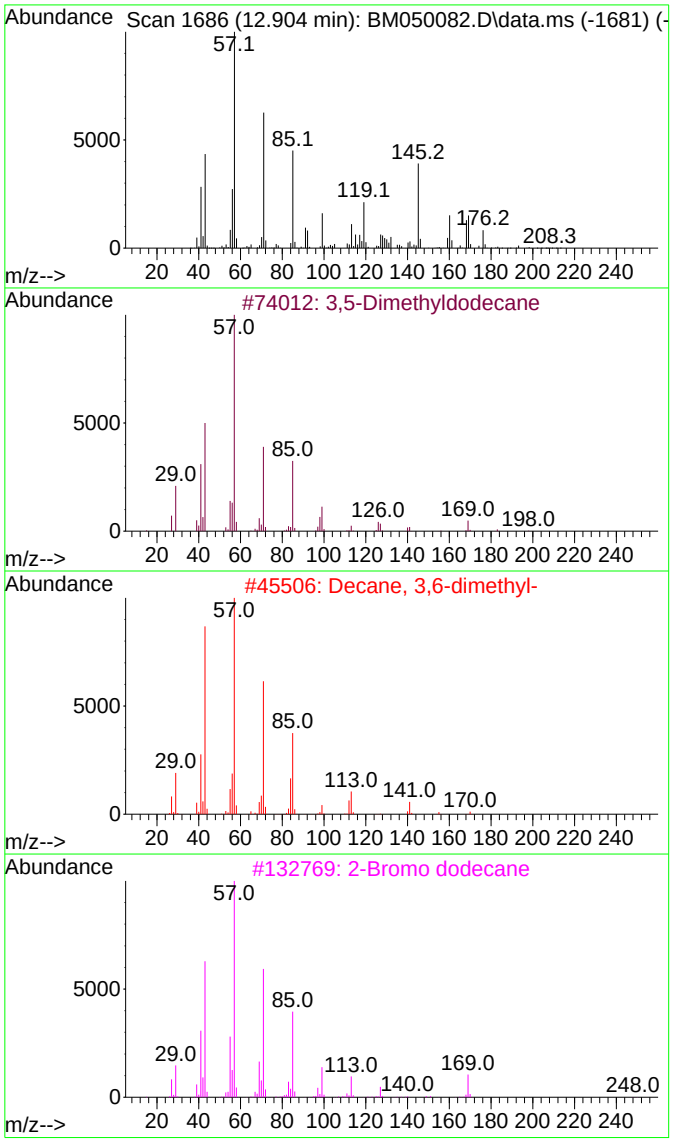
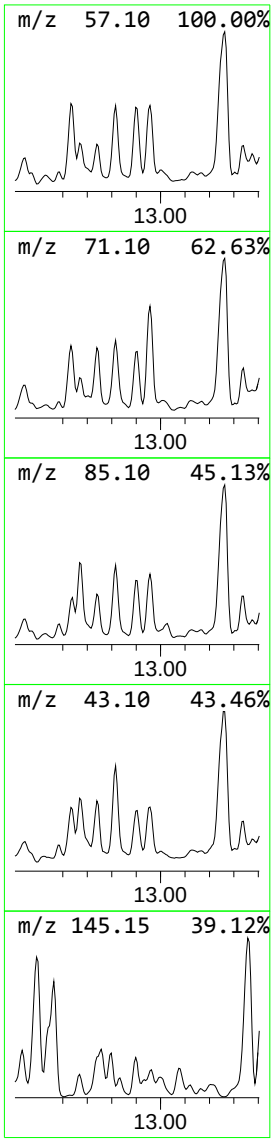
Peak Number 10 3,5-Dimethyldodecane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.904	22.07 ng	12861800	Acenaphthene-d10	14.416

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,5-Dimethyldodecane	198	C14H30	107770-99-0	53
2	Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	49
3	2-Bromo dodecane	248	C12H25Br	013187-99-0	47
4	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	46
5	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	43





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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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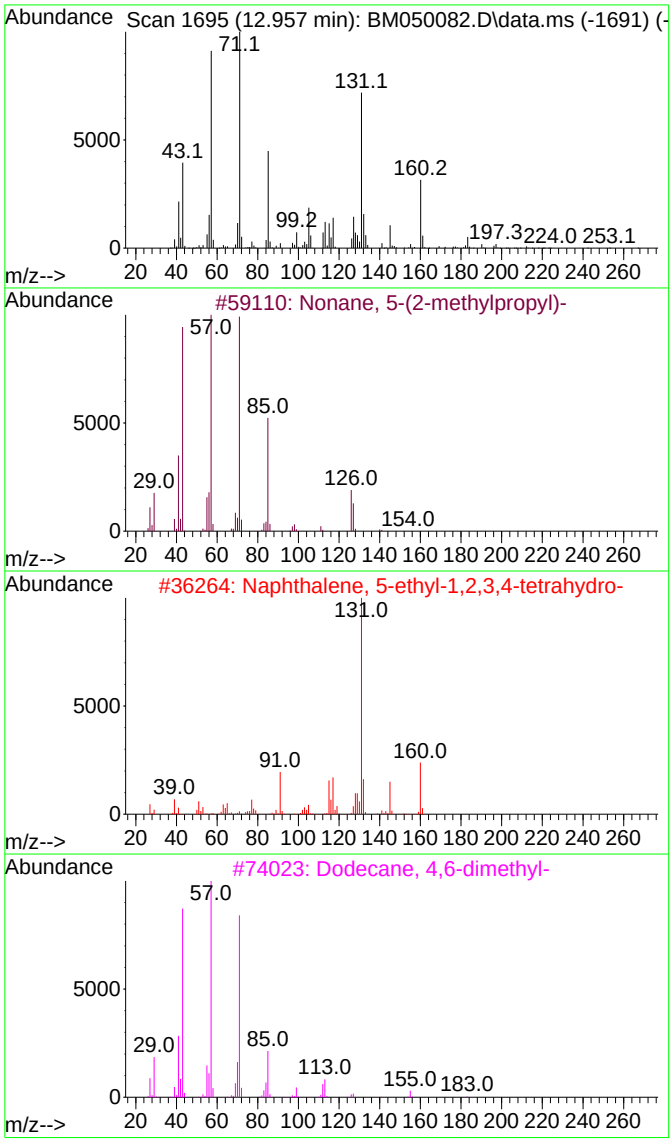
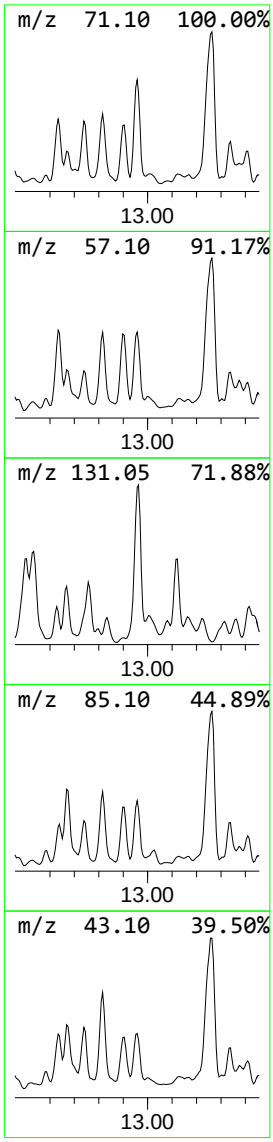
Peak Number 11 unknown12.957 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.957	20.72 ng	12072400	Acenaphthene-d10	14.416

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 5-(2-methylpropyl)-	184	C13H28	062185-53-9	47
2	Naphthalene, 5-ethyl-1,2,3,4-tet...	160	C12H16	042775-75-7	38
3	Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	35
4	Octane, 2-bromo-	192	C8H17Br	000557-35-7	27
5	Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	27





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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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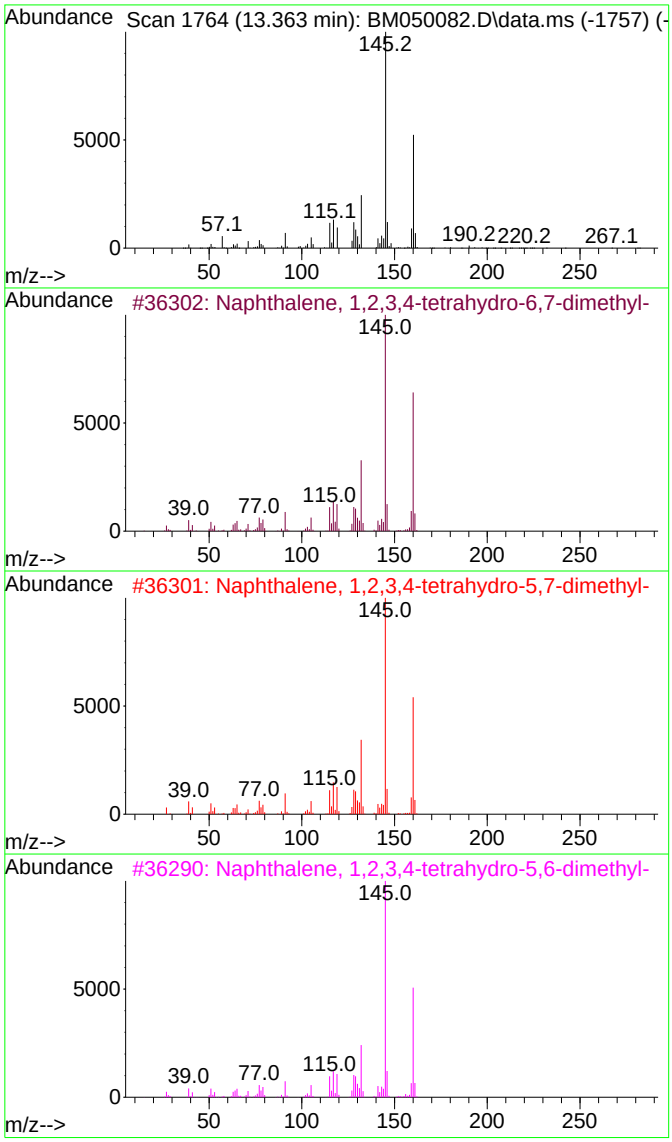
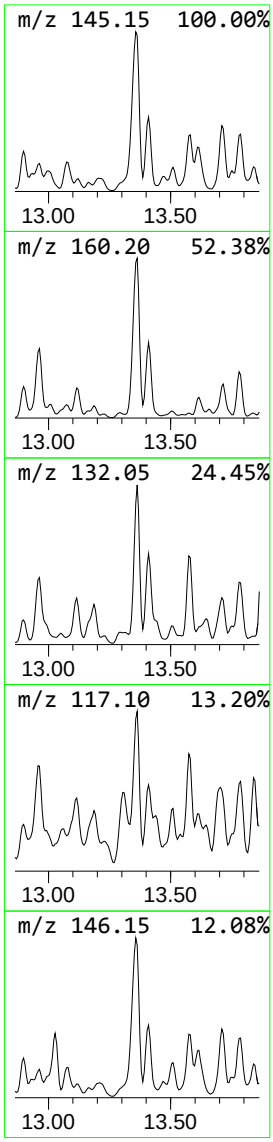
Peak Number 12 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.363	24.54 ng	14298000	Acenaphthene-d10	14.416

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	001076-61-5	94
2	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021693-54-9	94
3	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	020027-77-4	94
4	Benzene, 1-(2-butenyl)-2,3-dimet...	160	C12H16	054340-85-1	87
5	Benzene, 4-(2-butenyl)-1,2-dimet...	160	C12H16	054340-86-2	83





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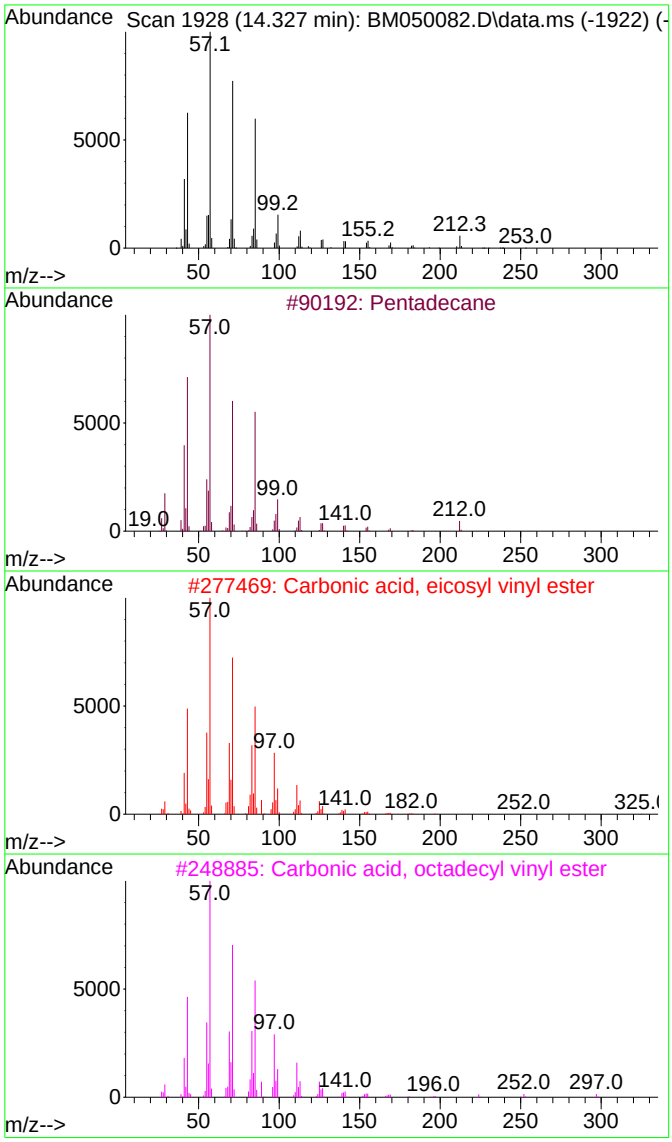
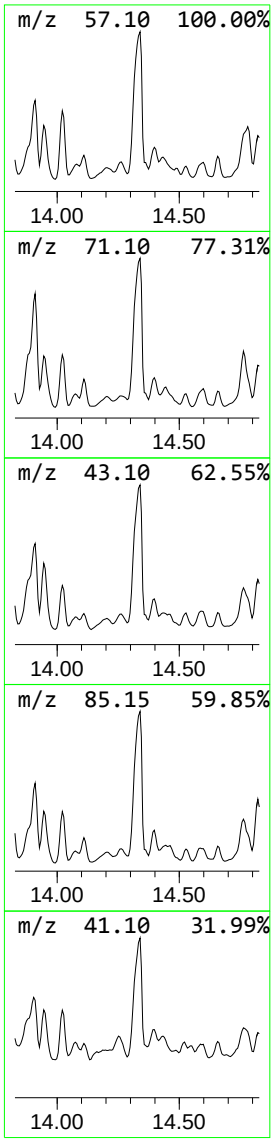
Peak Number 13 Pentadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.327	32.29 ng	18814900	Acenaphthene-d10	14.416

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	93
2	Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	90
3	Carbonic acid, octadecyl vinyl e...	340	C21H40O3	1000382-54-4	90
4	Hexadecane	226	C16H34	000544-76-3	80
5	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	72





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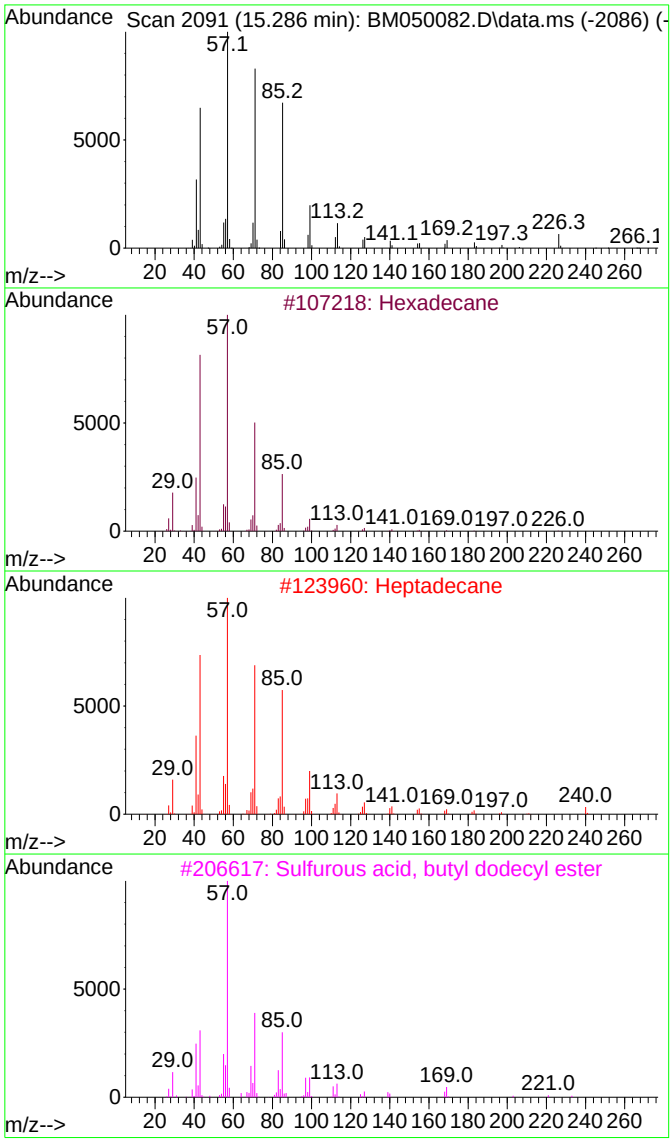
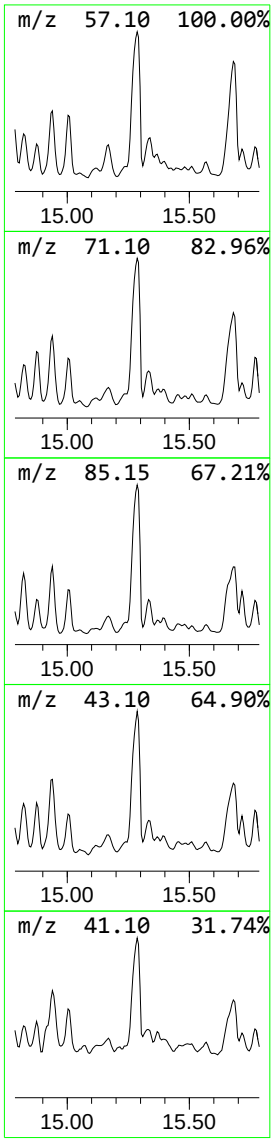
Peak Number 14 Hexadecane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.286	20.79 ng	12116600	Acenaphthene-d10	14.416

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	93
2	Heptadecane	240	C17H36	000629-78-7	91
3	Sulfurous acid, butyl dodecyl ester	306	C16H34O3S	1000309-17-9	86
4	Heneicosane	296	C21H44	000629-94-7	78
5	Hexacosane	366	C26H54	000630-01-3	72





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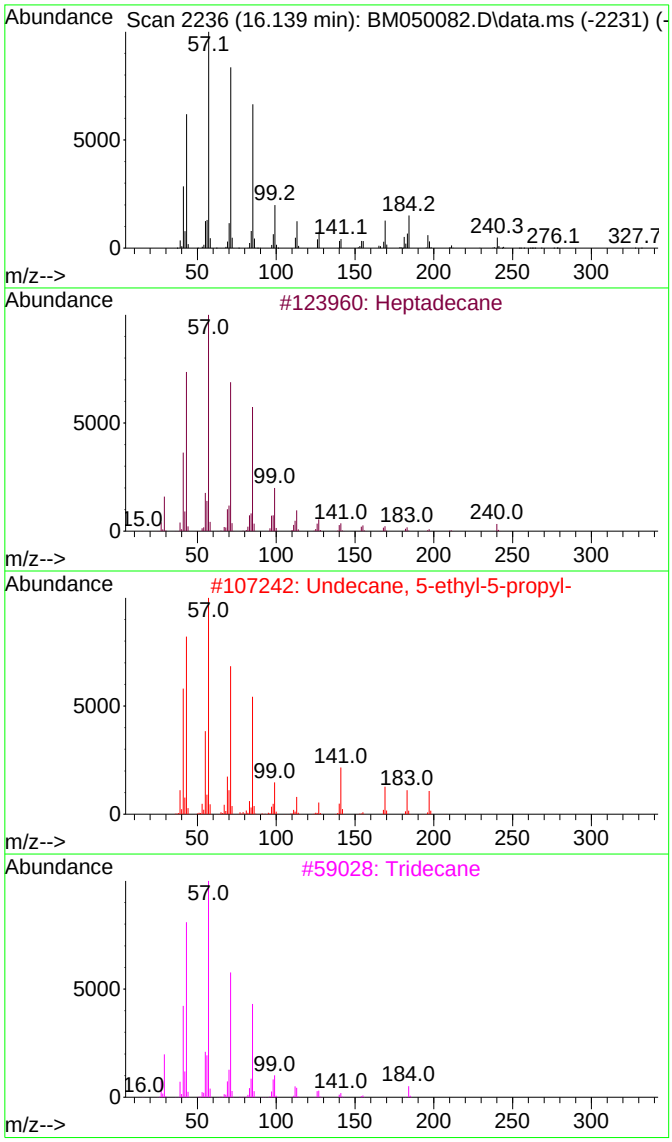
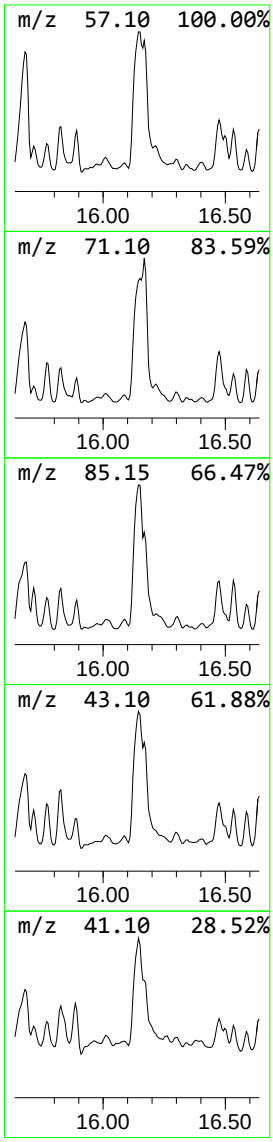
Peak Number 15 Undecane, 5-ethyl-5-propyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.139	23.07 ng	18189800	Phenanthrene-d10	17.157

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	94
2	Undecane, 5-ethyl-5-propyl-	226	C16H34	002755-07-9	86
3	Tridecane	184	C13H28	000629-50-5	83
4	2-Bromo dodecane	248	C12H25Br	013187-99-0	80
5	Heneicosane	296	C21H44	000629-94-7	72





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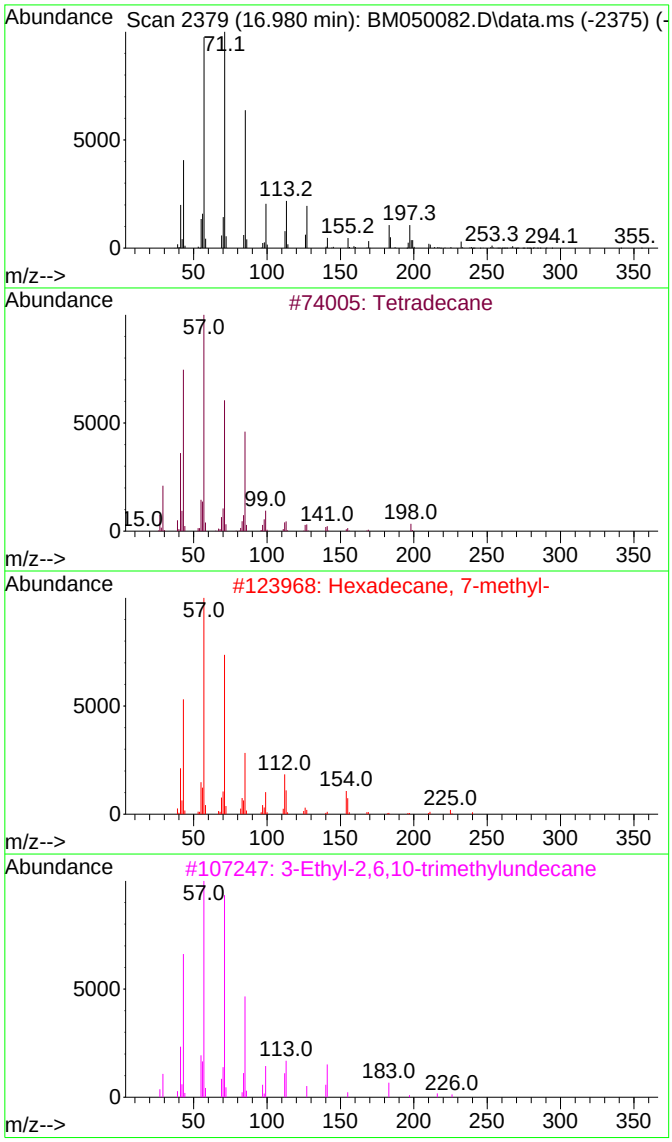
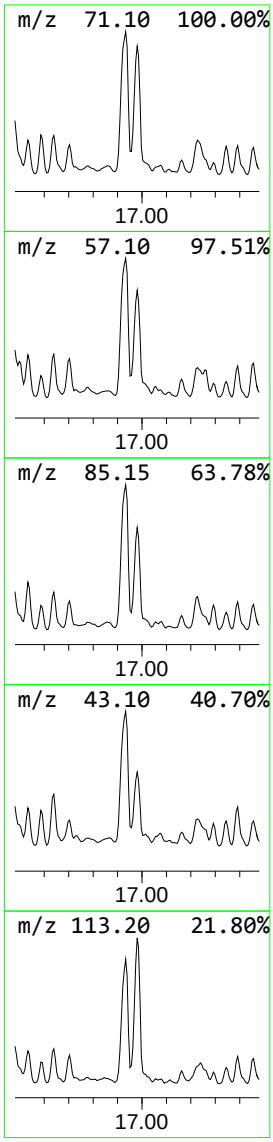
Peak Number 16 Tetradecane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.980	20.00 ng	15765800	Phenanthrene-d10	17.157

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	76
2	Hexadecane, 7-methyl-	240	C17H36	026730-20-1	74
3	3-Ethyl-2,6,10-trimethylundecane	226	C16H34	1000432-25-9	72
4	2-Bromotetradecane	276	C14H29Br	074036-95-6	72
5	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	70





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Data File : BM050082.D
Acq On : 02 May 2025 12:41
Operator : RC/JU
Sample : Q1914-09
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SS-8

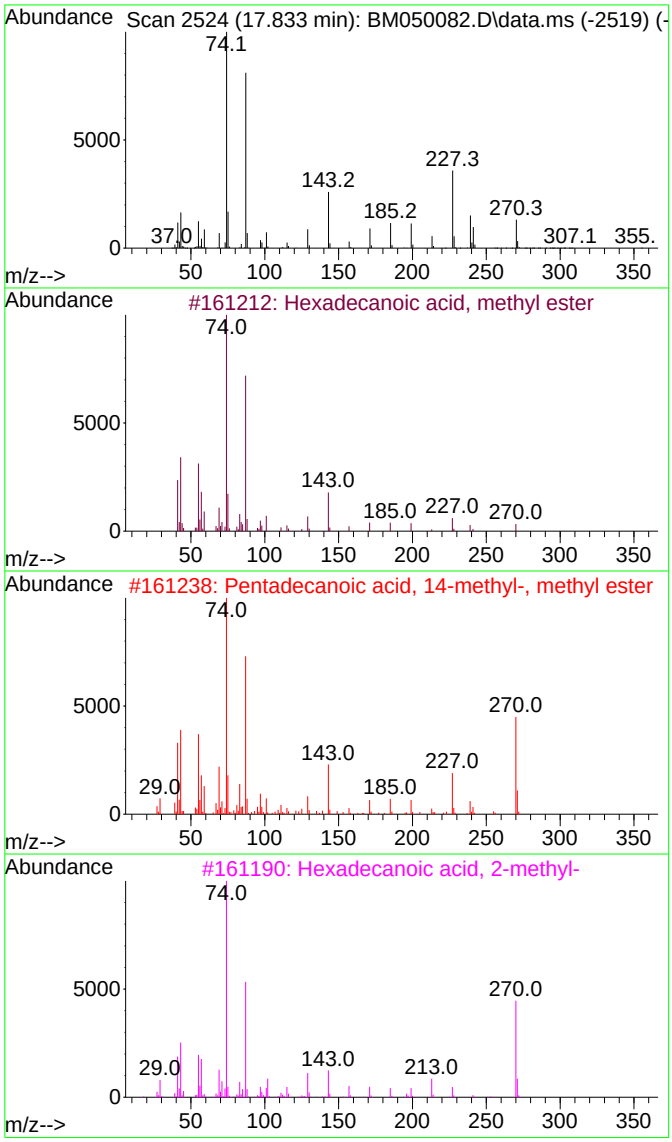
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

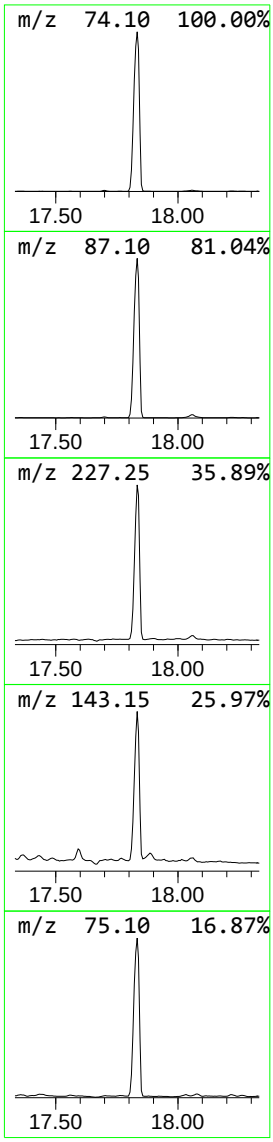
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 Hexadecanoic acid, methyl e... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.833	25.67 ng	20238500	Phenanthrene-d10	17.157

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	93
2	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	93
3	Hexadecanoic acid, 2-methyl-	270	C17H34O2	027147-71-3	80
4	Dodecanoic acid, 10-methyl-, met...	228	C14H28O2	005129-65-7	68
5	Tetradecanoic acid, 10,13-dimeth...	270	C17H34O2	267650-23-7	64





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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

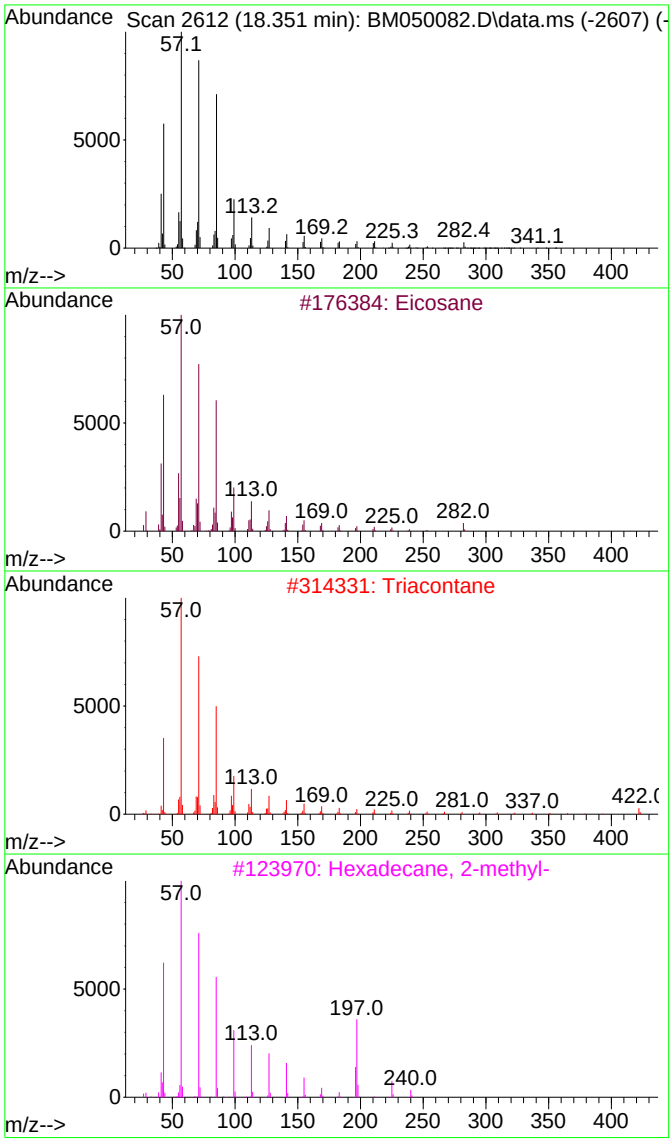
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

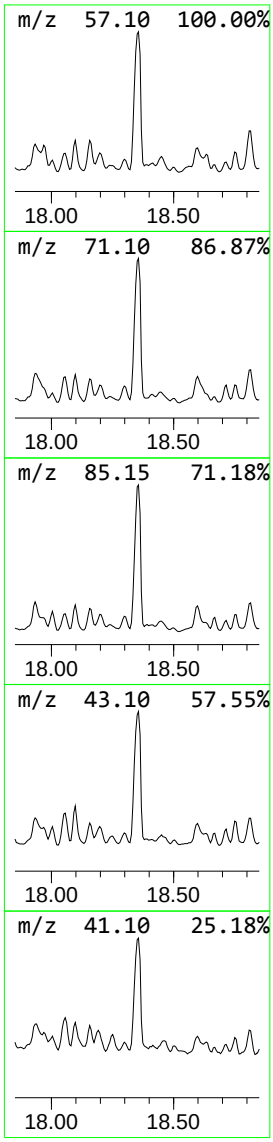
****

Peak Number 18 Eicosane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.351	20.09 ng	15835900	Phenanthrene-d10	17.157

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	91
2	Triacontane	422	C30H62	000638-68-6	91
3	Hexadecane, 2-methyl-	240	C17H36	001560-92-5	91
4	Octadecane	254	C18H38	000593-45-3	90
5	Heneicosane	296	C21H44	000629-94-7	90





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Data File : BM050082.D
Acq On : 02 May 2025 12:41
Operator : RC/JU
Sample : Q1914-09
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SS-8

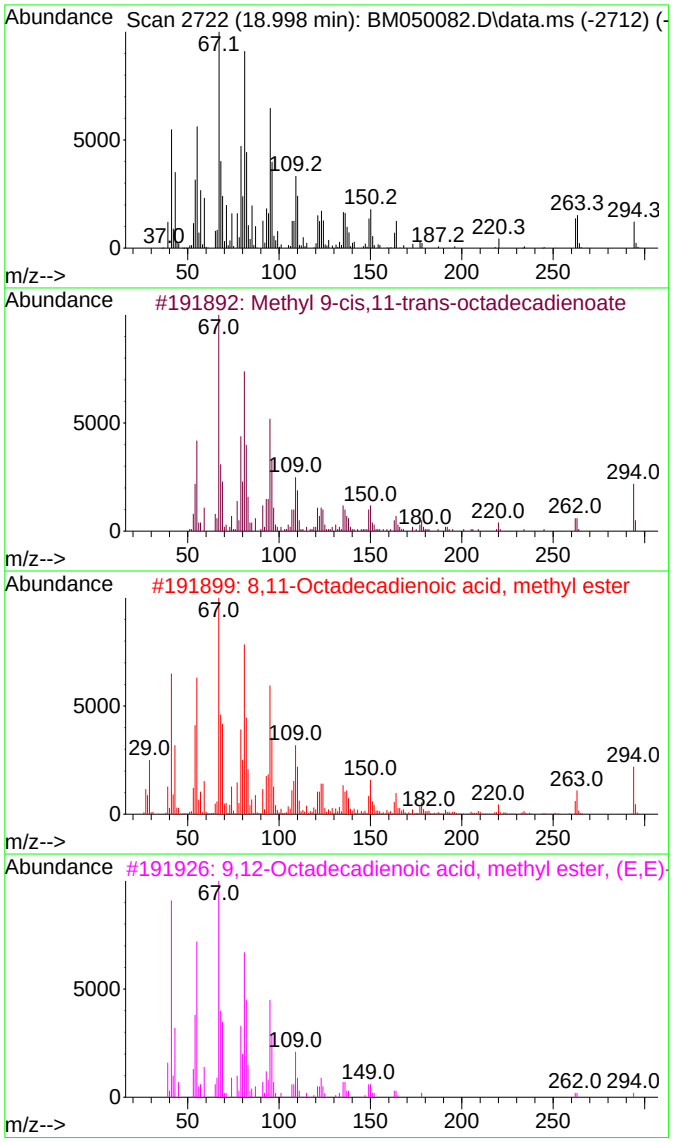
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

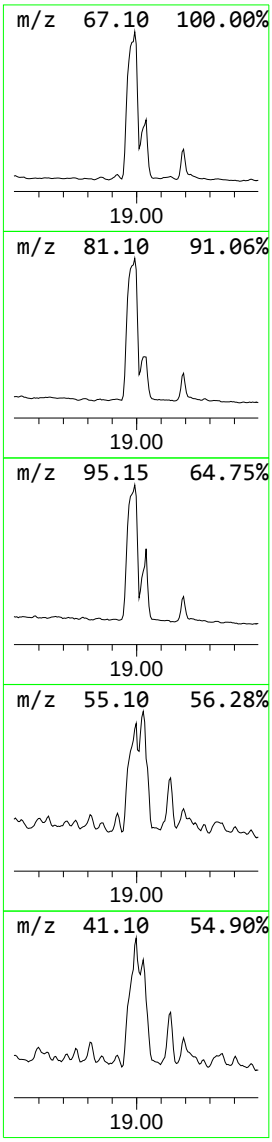
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 Methyl 9-cis,11-trans-octad... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.998	51.90 ng	40913900	Phenanthrene-d10	17.157

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl 9-cis,11-trans-octadecadi...	294	C19H34O2	013058-52-1	99
2	8,11-Octadecadienoic acid, methy...	294	C19H34O2	056599-58-7	99
3	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	97
4	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	95
5	10,13-Octadecadienoic acid, meth...	294	C19H34O2	056554-62-2	95





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Data File : BM050082.D
Acq On : 02 May 2025 12:41
Operator : RC/JU
Sample : Q1914-09
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SS-8

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

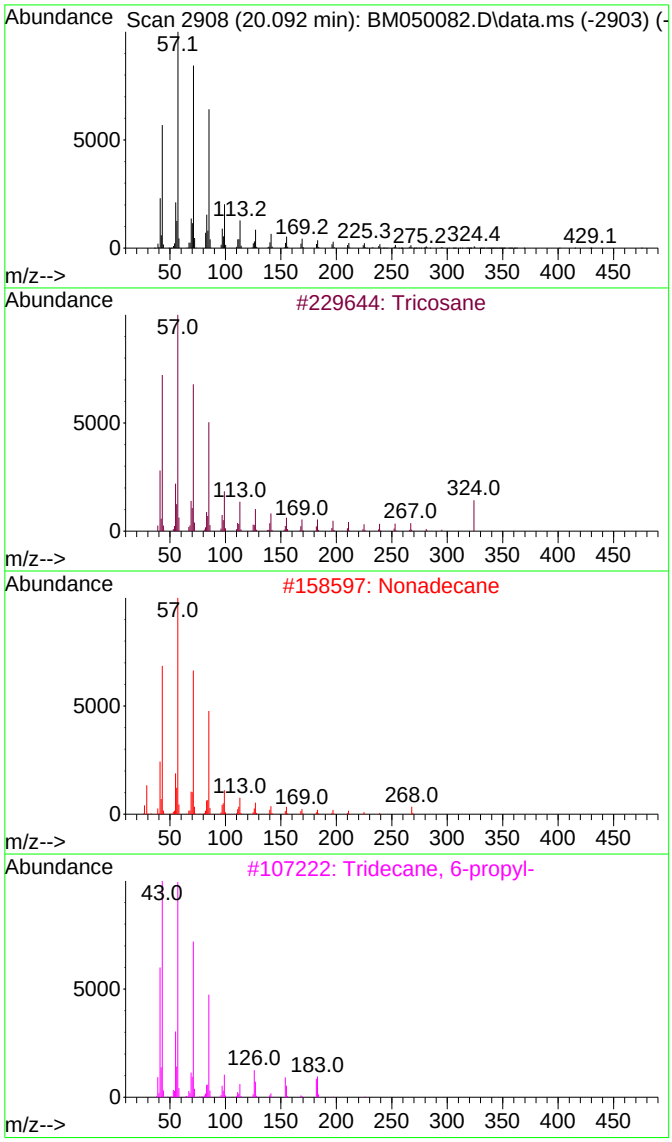
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

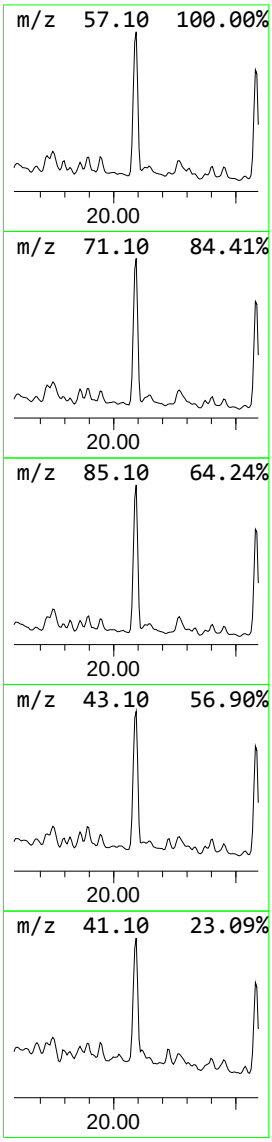
****

Peak Number 20 Tricosane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.092	22.53 ng	10703500	Chrysene-d12	21.386

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tricosane	324	C23H48	000638-67-5	98
2	Nonadecane	268	C19H40	000629-92-5	95
3	Tridecane, 6-propyl-	226	C16H34	055045-10-8	91
4	Docosane	310	C22H46	000629-97-0	91
5	Eicosane, 1-iodo-	408	C20H41I	1000406-31-8	91





Tentatively Identified Compound (LSC) summary

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Data File : BM050082.D
Acq On : 02 May 2025 12:41
Operator : RC/JU
Sample : Q1914-09
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SS-8

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Nonane	5.769	33.7	ng	20784700	1	7.751	12350400	20.0
Nonane, 4-methyl-	6.745	26.5	ng	16355800	1	7.751	12350400	20.0
Benzene, 1-ethy...	6.845	29.1	ng	17966300	1	7.751	12350400	20.0
Mesitylene	7.398	66.2	ng	40878000	1	7.751	12350400	20.0
Benzene, 1-meth...	8.304	26.0	ng	16077400	1	7.751	12350400	20.0
Benzene, 1,4-di...	8.398	48.6	ng	30036400	1	7.751	12350400	20.0
Decane, 3-methyl-	8.528	19.9	ng	12271400	1	7.751	12350400	20.0
Undecane	8.998	48.3	ng	29831600	1	7.751	12350400	20.0
Benzene, 1,3-di...	9.116	34.2	ng	21112600	1	7.751	12350400	20.0
3,5-Dimethyldod...	12.904	22.1	ng	12861800	3	14.416	11654400	20.0
unknown12.957	12.957	20.7	ng	12072400	3	14.416	11654400	20.0
Naphthalene, 1,...	13.363	24.5	ng	14298000	3	14.416	11654400	20.0
Pentadecane	14.327	32.3	ng	18814900	3	14.416	11654400	20.0
Hexadecane	15.286	20.8	ng	12116600	3	14.416	11654400	20.0
Undecane, 5-eth...	16.139	23.1	ng	18189800	4	17.157	15765800	20.0
Tetradecane	16.980	20.0	ng	15765800	4	17.157	15765800	20.0
Hexadecanoic ac...	17.833	25.7	ng	20238500	4	17.157	15765800	20.0
Eicosane	18.351	20.1	ng	15835900	4	17.157	15765800	20.0
Methyl 9-cis,11...	18.998	51.9	ng	40913900	4	17.157	15765800	20.0
Tricosane	20.092	22.5	ng	10703500	5	21.386	9499970	20.0