LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041125\
Data File : BM049904.D
Acq On : 11 Apr 2025 16:55
Operator : RC/JU
Sample : Q1760-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TP-15

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-BM040825.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM049904.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.493	82	86	92	rVB	1771695	2685374	6.41%	0.331%
2	3.875	147	151	160	rVB2	2806306	5038105	12.03%	0.622%
3	3.975	160	168	179	rBV2	2625288	4878651	11.65%	0.602%
4	4.151	190	198	202	rBV2	1477333	2779854	6.64%	0.343%
5	4.322	223	227	233	rVV	3311561	4925910	11.76%	0.608%
6	4.728	286	296	301	rBV2	1354010	2546277	6.08%	0.314%
7	4.822	307	312	315	rBV	1451820	2103665	5.02%	0.260%
8	4.893	320	324	327	rVV	1340220	2073340	4.95%	0.256%
9	4.928	327	330	335	rVB	1579269	2089748	4.99%	0.258%
10	5.234	376	382	384	rVV3	2413916	4184402	9.99%	0.516%
11	5.263	384	387	389	rVV	2410823	3295018	7.87%	0.407%
12	5.293	389	392	397	rVB	3197419	4194403	10.01%	0.518%
13	5.363	397	404	410	rVB2	7802374	11729043	28.01%	1.447%
14	5.446	410	418	432	rVB	3475988	9055384	21.62%	1.117%
15	5.587	432	442	448	rBV5	1311615	3088557	7.37%	0.381%
16	5.657	448	454	458	rBV5	1420539	2599822	6.21%	0.321%
17	5.740	463	468	472	rBV	2634659	3739094	8.93%	0.461%
18	5.804	472	479	486	rVB	7110322	11923928	28.47%	1.471%
19	6.057	514	522	530	rBV5	4306898	9675832	23.10%	1.194%
20	6.181	535	543	550	rVB2	2367006	5143351	12.28%	0.635%
21	6.269	553	558	566	rBV3	4415686	10057416	24.01%	1.241%
22	6.345	566	571	575	rBV	6764052	9531564	22.76%	1.176%
23	6.422	575	584	587	rBV3	6214355	12264071	29.28%	1.513%
24	6.451	587	589	596	rVB	3303491	4697191	11.22%	0.580%
25	6.598	610	614	620	rVB4	1551292	2841627	6.78%	0.351%
26	6.687	620	629	634	rBV2	3219524	7967679	19.02%	0.983%
27	6.781	634	645	650	rBV3	8778506	23450565	55.99%	2.893%
28	6.834	650	654	658	rBV	5762579	7858908	18.76%	0.970%
29	6.881	658	662	665	rBV3	1802624	2439966	5.83%	0.301%
30	6.934	665	671	679	rBV4	10782874	29166370	69.64%	3.599%
31	7.004	679	683	690	rVB	6008940	9166329	21.89%	1.131%
32	7.116	696	702	706	rBV3	1714401	3503453	8.37%	0.432%
33	7.169	706	711	715	rBV2	5724074	8199037	19.58%	1.012%
34	7.269	725	728	732	rVV	2626818	3295857	7.87%	0.407%
35	7.345	737	741	747	rVB	2272693	4015035	9.59%	0.495%
36	7.434	747	756	761	rBV2	18540908	41881250	100.00%	5.167%

LSC Area Percent Report

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Data File : BM049904.D
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Operator : RC/JU
Sample : Q1760-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TP-15

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-BM040825.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	7.687	794	799	800	rBV2	2314664	3134058	7.48%	0.387%
38	7.769	807	813	818	rVB2	11443412	19527542	46.63%	2.409%
39	7.857	818	828	831	rBV4	2621210	6846589	16.35%	0.845%
40	7.898	831	835	843	rVV	7181630	12653928	30.21%	1.561%
41	7.975	843	848	852	rVV2	3715682	5237543	12.51%	0.646%
42	8.045	857	860	861	rVV	2236702	2717221	6.49%	0.335%
43	8.075	861	865	871	rVB2	4490909	7825184	18.68%	0.965%
44	8.151	871	878	883	rVB2	4845148	8901222	21.25%	1.098%
45	8.275	894	899	902	rBV	4137893	6383012	15.24%	0.788%
46	8.322	902	907	913	rVB3	3896038	8060225	19.25%	0.994%
47	8.375	913	916	919	rVB	2226937	2580319	6.16%	0.318%
48	8.422	919	924	938	rVB3	13105669	28794729	68.75%	3.553%
49	8.551	940	946	949	rBV	3081183	5010260	11.96%	0.618%
50	8.586	949	952	955	rVV	1899766	2077089	4.96%	0.256%
51	8.734	973	977	981	rBV	5045263	7189379	17.17%	0.887%
52	8.786	981	986	993	rVB	4869698	7828256	18.69%	0.966%
53	8.892	993	1004	1008	rBV	14916465	28260373	67.48%	3.487%
54	8.939	1008	1012	1013	rVV	3188319	4648415	11.10%	0.574%
55	8.969	1013	1017	1022	rVV2	6519615	12252279	29.25%	1.512%
56	9.010	1022	1024	1029	rVB	3505194	4469770	10.67%	0.551%
57	9.133	1034	1045	1052	rBV7	3749520	10443445	24.94%	1.289%
58	9.216	1052	1059	1063	rBV2	3155155	6549285	15.64%	0.808%
59	9.269	1065	1068	1074	rVB5	1850458	2778894	6.64%	0.343%
60	9.369	1080	1085	1087	rBV3	1438254	2182189	5.21%	0.269%
61	9.410	1087	1092	1098	rVV	6966582	12192729	29.11%	1.504%
62	9.469	1098	1102	1112	rVB	7848129	14368508	34.31%	1.773%
63	9.669	1130	1136	1140	rBV	3585927	5974124	14.26%	0.737%
64	9.716	1140	1144	1148	rVB3	3556400	5069627	12.10%	0.625%
65	9.781	1148	1155	1159	rBV4	3799829	9152054	21.85%	1.129%
66	9.828	1159	1163	1167	rBV2	5836348	9090712	21.71%	1.122%
67	9.933	1176	1181	1184	rBV2	3475352	5695784	13.60%	0.703%
68	9.981	1184	1189	1196	rVV2	11343845	24246533	57.89%	2.992%
69	10.045	1196	1200	1207	rVV2	4600493	8273048	19.75%	1.021%
70	10.163	1217	1220	1224	rVV2	3228490	4909585	11.72%	0.606%
71	10.210	1224	1228	1233	rVB	1538330	2520548	6.02%	0.311%
72	10.280	1234	1240	1244	rBV	4288835	6837070	16.32%	0.844%
73	10.445	1264	1268	1270	rVV5	1286818	2194514	5.24%	0.271%
74	10.492	1271	1276	1279	rVV2	3292397	6677060	15.94%	0.824%
75	10.557	1279	1287	1293	rVV2	11466427	25489912	60.86%	3.145%
76	10.622	1293	1298	1306	rVV2	12306511	25959589	61.98%	3.203%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041125\
Data File : BM049904.D
Acq On : 11 Apr 2025 16:55
Operator : RC/JU
Sample : Q1760-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TP-15

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-BM040825.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	10.692	1306	1310	1315	rVV	5168434	8799649	21.01%	1.086%
78	10.745	1315	1319	1323	rVV	4628953	6869563	16.40%	0.848%
79	10.792	1323	1327	1336	rVB2	2922758	4847709	11.57%	0.598%
80	10.986	1356	1360	1367	rVV2	2091714	4111070	9.82%	0.507%
81	11.233	1398	1402	1406	rVV	3076715	4892666	11.68%	0.604%
82	11.286	1406	1411	1417	rVB4	2454947	5235570	12.50%	0.646%
83	11.351	1417	1422	1427	rVB2	1644983	3032320	7.24%	0.374%
84	11.416	1428	1433	1439	rVB3	1962352	3428875	8.19%	0.423%
85	11.492	1439	1446	1453	rBV2	5058824	9272341	22.14%	1.144%
86	11.610	1460	1466	1474	rBV3	3030168	6650531	15.88%	0.821%
87	11.680	1474	1478	1484	rVB	2435635	4034627	9.63%	0.498%
88	12.004	1528	1533	1538	rVB2	3572510	5482267	13.09%	0.676%
89	12.239	1564	1573	1580	rVB	11840246	20339824	48.57%	2.510%
90	12.457	1603	1610	1621	rVV	4918926	8690678	20.75%	1.072%
91	13.039	1701	1709	1715	rBV	9589765	13446689	32.11%	1.659%
92	13.251	1735	1745	1752	rBV	1195419	2162506	5.16%	0.267%
93	13.739	1822	1828	1833	rBV	1194652	2081679	4.97%	0.257%
94	14.416	1934	1943	1949	rVV	2223586	3559716	8.50%	0.439%
95	15.774	2168	2174	2180	rVB	1601672	2255168	5.38%	0.278%
96	15.904	2189	2196	2204	rBV	6301233	8719318	20.82%	1.076%
97	17.157	2404	2409	2414	rBV2	2359312	3478685	8.31%	0.429%
98	19.786	2851	2856	2867	rVB	16225604	18866664	45.05%	2.328%
99	21.397	3125	3130	3134	rBV	2328903	3225885	7.70%	0.398%
100	24.391	3633	3639	3657	rVB	1474715	3930737	9.39%	0.485%

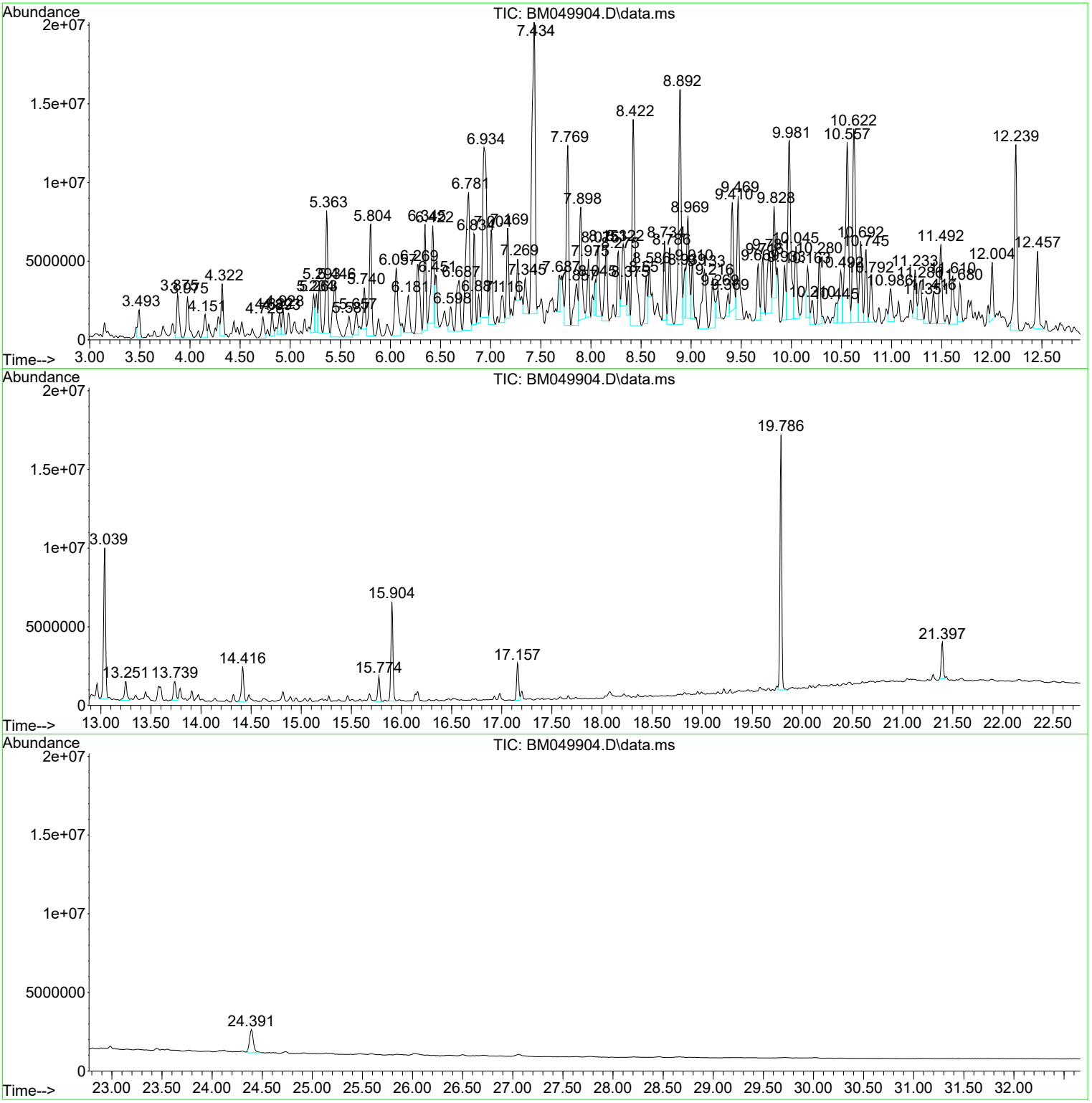
Sum of corrected areas: 810503416

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041125\
Data File : BM049904.D
Acq On : 11 Apr 2025 16:55
Operator : RC/JU
Sample : Q1760-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TP-15

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM040825.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\BM041125\
Data File : BM049904.D
Acq On : 11 Apr 2025 16:55
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Sample : Q1760-05
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ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TP-15

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM040825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

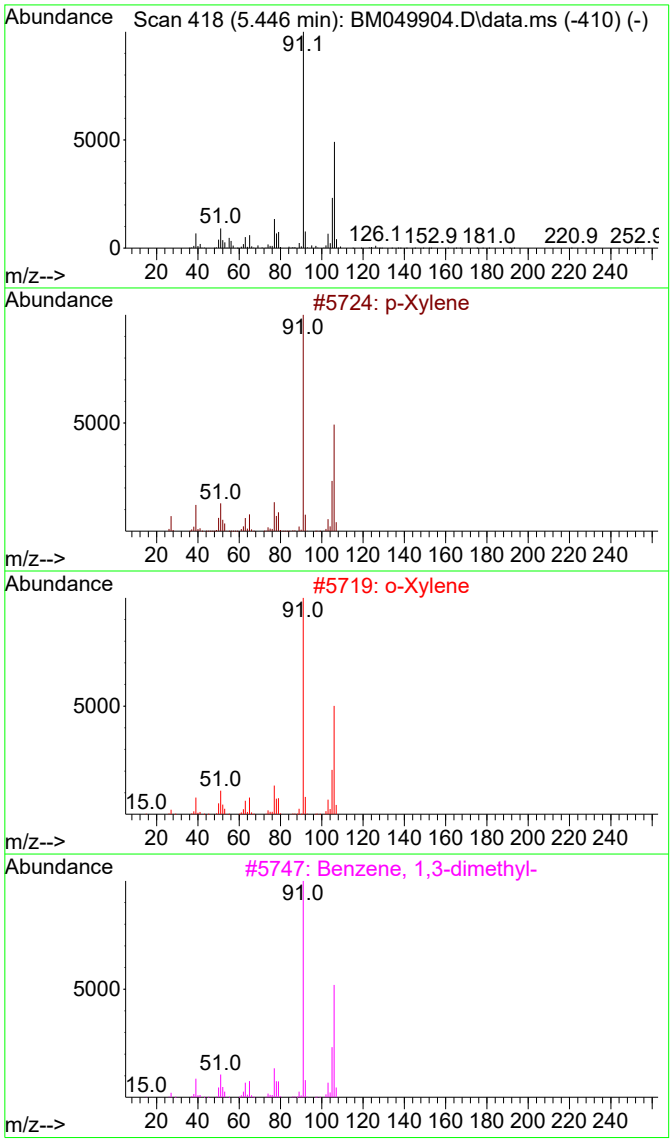
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

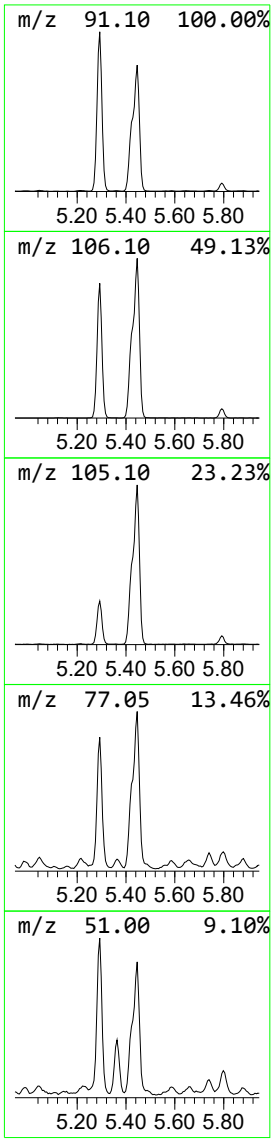
****

Peak Number 1 p-Xylene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.446	9.27 ng	9055380	1,4-Dichlorobenzene-d4	7.775

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Xylene	106	C8H10	000106-42-3	97
2	o-Xylene	106	C8H10	000095-47-6	97
3	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	97
4	Ethylbenzene	106	C8H10	000100-41-4	83
5	1,3-Cyclopentadiene, 5-(1-methyl...	106	C8H10	002175-91-9	83





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041125\
Data File : BM049904.D
Acq On : 11 Apr 2025 16:55
Operator : RC/JU
Sample : Q1760-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TP-15

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM040825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

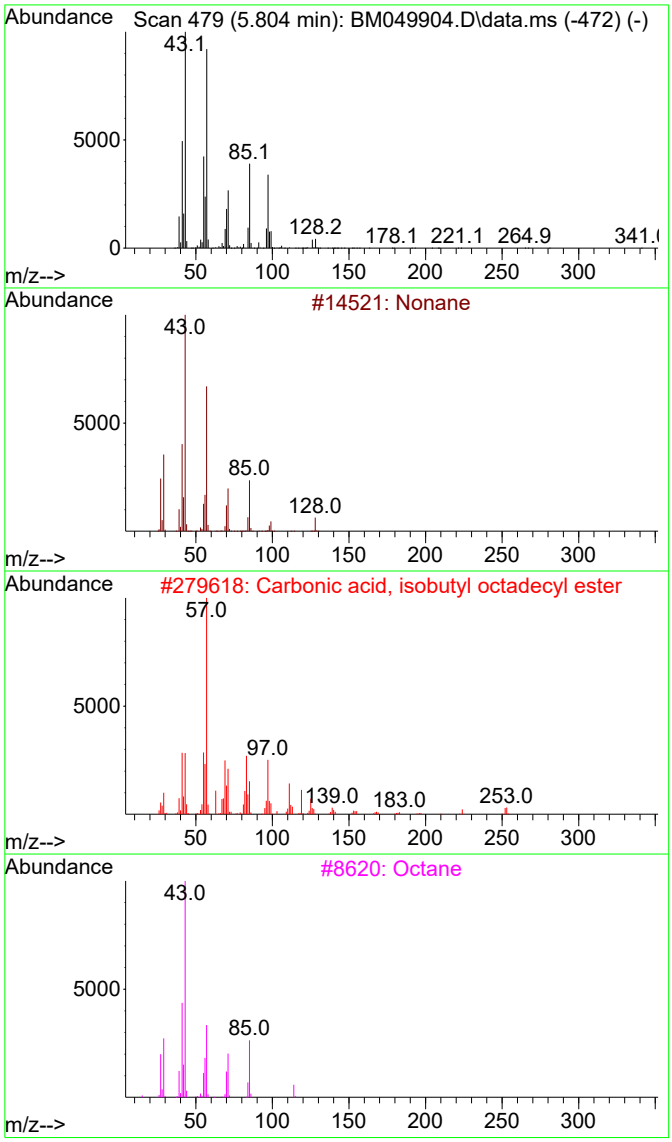
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

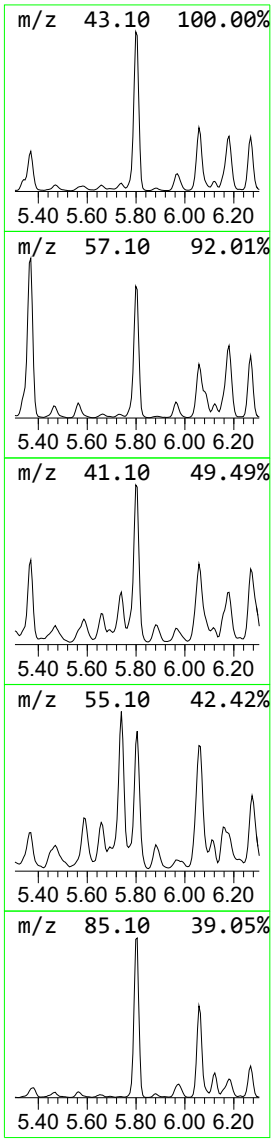
****

Peak Number 2 Nonane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.804	12.21 ng	11923900	1,4-Dichlorobenzene-d4	7.775

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane	128	C9H20	000111-84-2	76
2	Carbonic acid, isobutyl octadecy...	370	C23H46O3	1000314-61-5	59
3	Octane	114	C8H18	000111-65-9	50
4	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	50
5	Dodecane, 1-fluoro-	188	C12H25F	000334-68-9	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041125\
Data File : BM049904.D
Acq On : 11 Apr 2025 16:55
Operator : RC/JU
Sample : Q1760-05
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ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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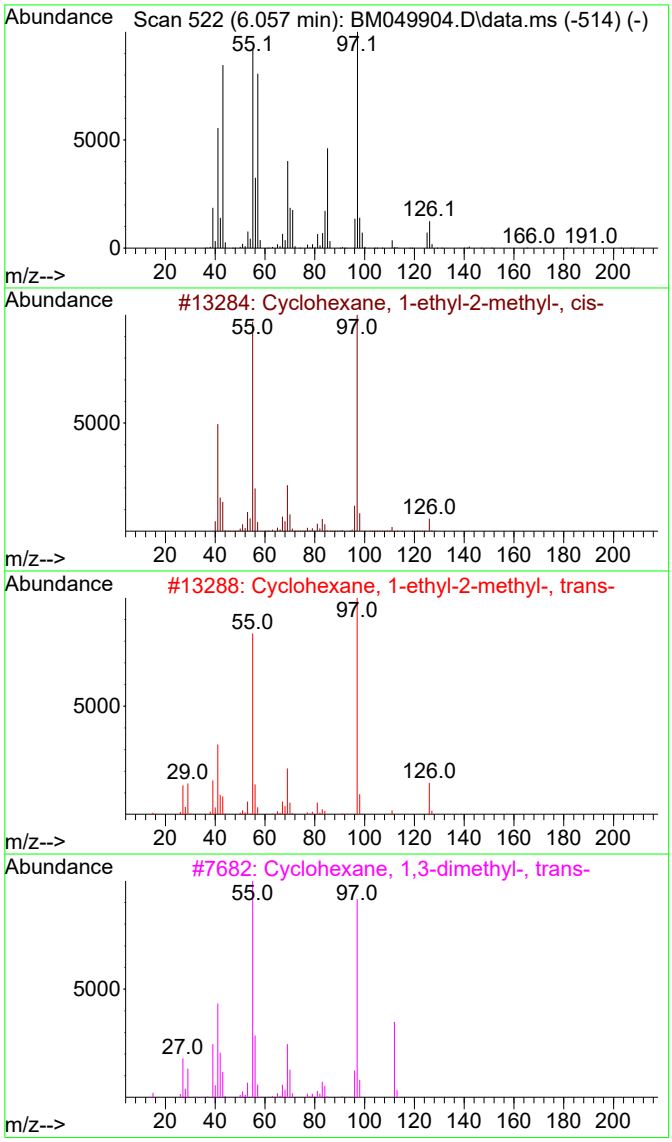
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM040825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

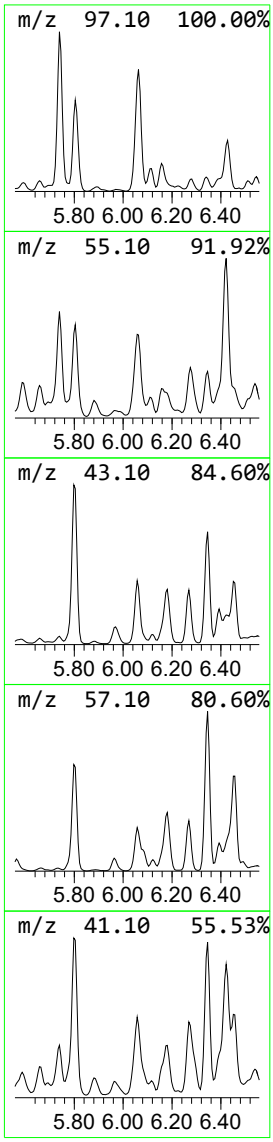
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Cyclohexane, 1-ethyl-2-meth... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.057	9.91 ng	9675830	1,4-Dichlorobenzene-d4	7.775

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-77-7	53
2	Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-78-8	49
3	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	47
4	Cyclohexane, 1-ethyl-2-methyl-	126	C9H18	003728-54-9	46
5	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	46





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041125\
Data File : BM049904.D
Acq On : 11 Apr 2025 16:55
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Sample : Q1760-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM040825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

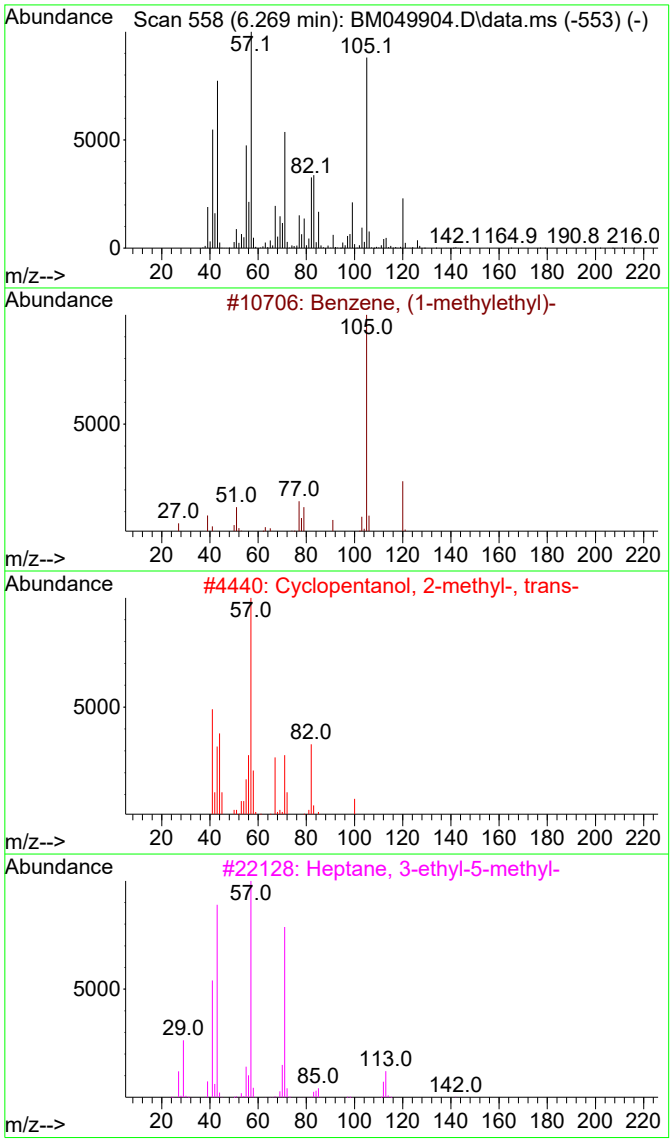
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

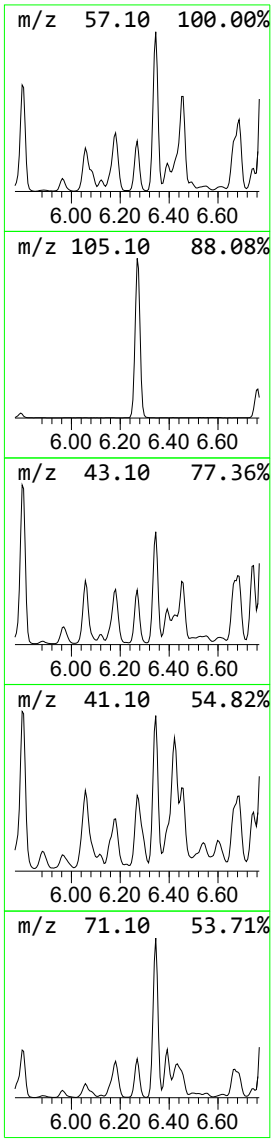
****

Peak Number 4 Benzene, (1-methylethyl)- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.269	10.30 ng	10057400	1,4-Dichlorobenzene-d4	7.775

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	56
2	Cyclopentanol, 2-methyl-, trans-	100	C6H12O	025144-04-1	22
3	Heptane, 3-ethyl-5-methyl-	142	C10H22	052896-90-9	18
4	Octane, 2,7-dimethyl-	142	C10H22	001072-16-8	18
5	3-Bromooctane	192	C8H17Br	000999-64-4	18





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041125\
Data File : BM049904.D
Acq On : 11 Apr 2025 16:55
Operator : RC/JU
Sample : Q1760-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TP-15

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM040825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

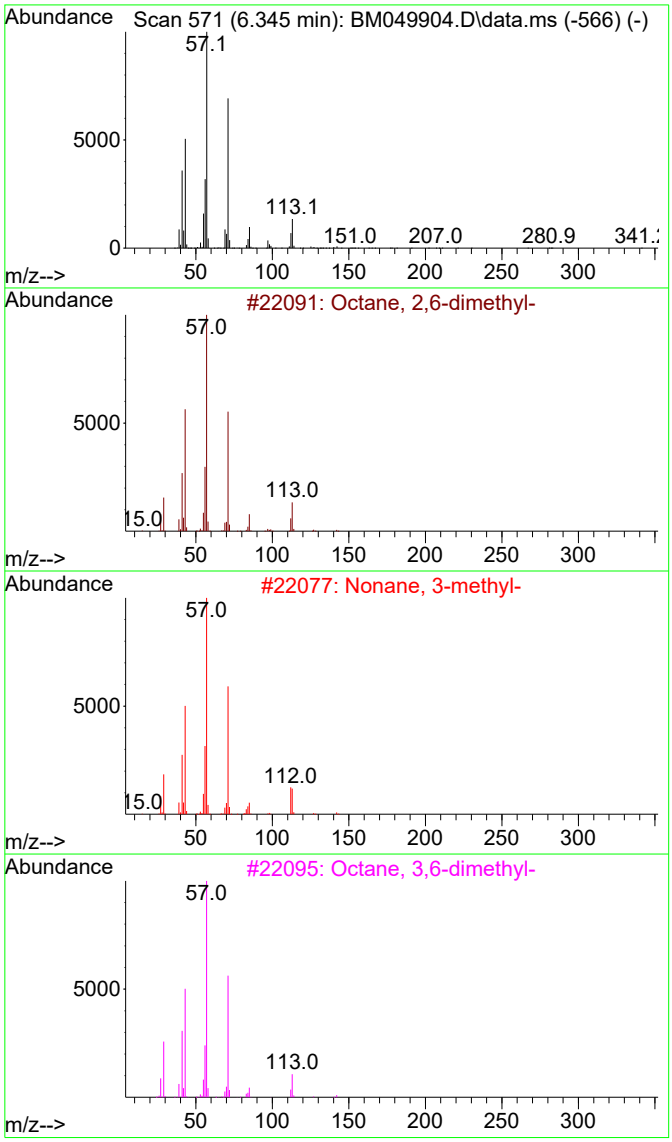
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

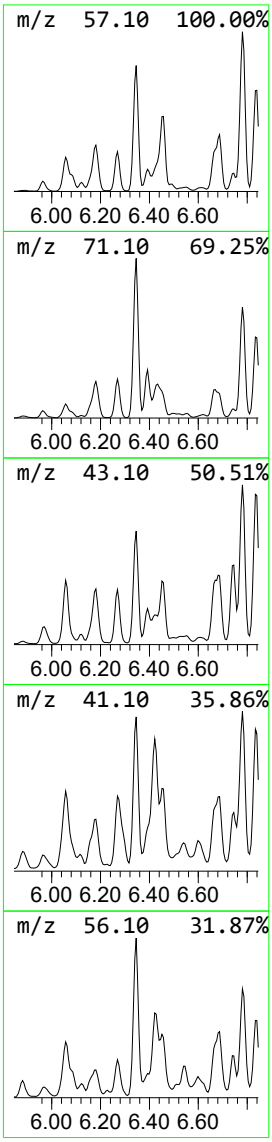
****

Peak Number 5 Octane, 2,6-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.345	9.76 ng	9531560	1,4-Dichlorobenzene-d4	7.775

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	94
2	Nonane, 3-methyl-	142	C10H22	005911-04-6	90
3	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	86
4	Sulfurous acid, 2-ethylhexyl hex...	418	C24H50O3S	1000309-19-9	59
5	Octane, 2-methyl-	128	C9H20	003221-61-2	59





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Acq On : 11 Apr 2025 16:55
Operator : RC/JU
Sample : Q1760-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TP-15

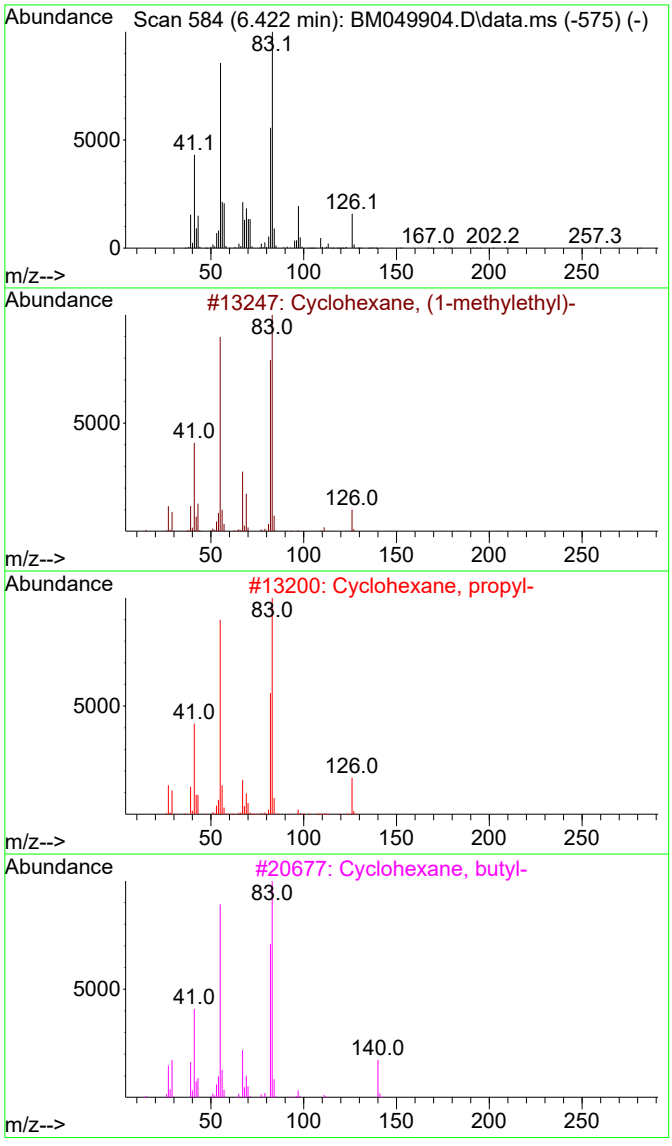
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM040825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

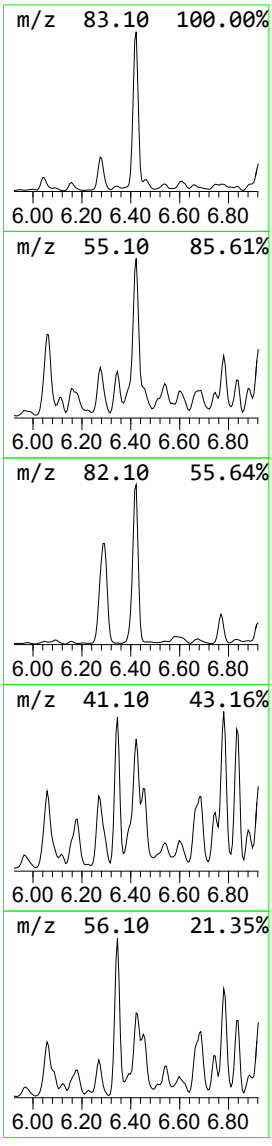
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Cyclohexane, (1-methylethyl)- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.422	12.56 ng	12264100	1,4-Dichlorobenzene-d4	7.775

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	81
2	Cyclohexane, propyl-	126	C9H18	001678-92-8	74
3	Cyclohexane, butyl-	140	C10H20	001678-93-9	64
4	Cyclohexane, (3-methylpentyl)-	168	C12H24	061142-38-9	59
5	Ethanone, 1-(1-methylcyclopentyl)-	126	C8H14O	013388-93-7	58





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Sample : Q1760-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TP-15

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM040825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

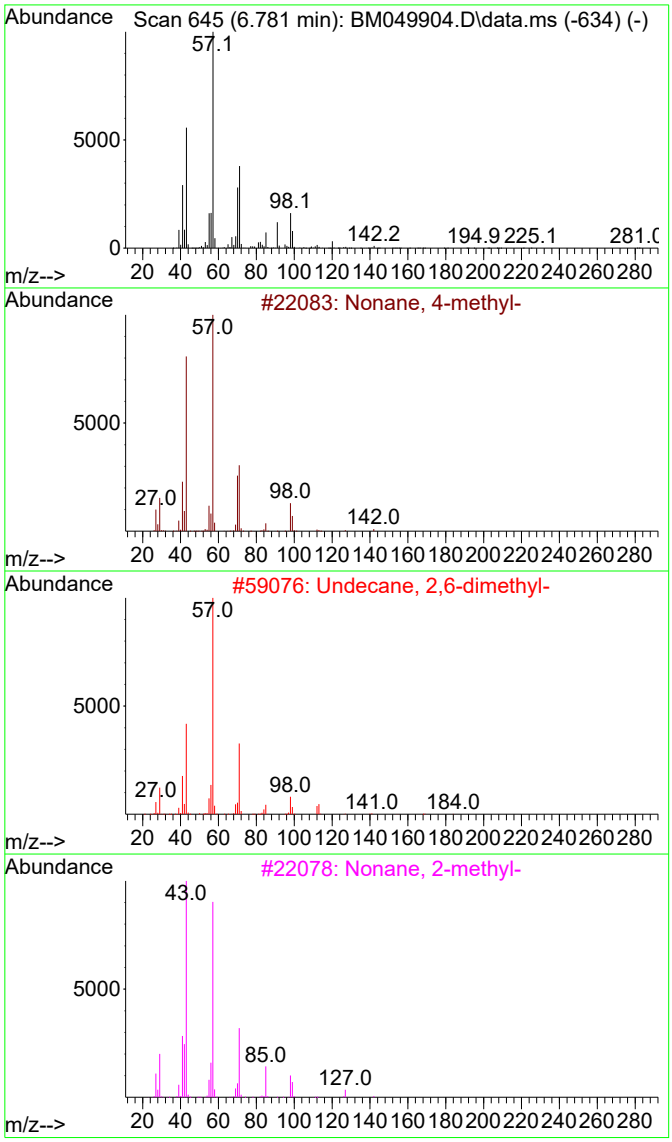
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

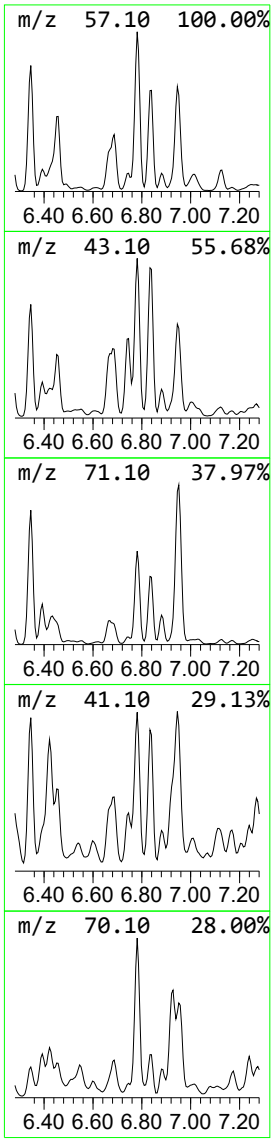
****

Peak Number 7 Nonane, 4-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.781	24.02 ng	23450600	1,4-Dichlorobenzene-d4	7.775

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 4-methyl-	142	C10H22	017301-94-9	81
2	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	53
3	Nonane, 2-methyl-	142	C10H22	000871-83-0	53
4	Dodecane, 6-methyl-	184	C13H28	006044-71-9	53
5	Heptane, 2,3,4-trimethyl-	142	C10H22	052896-95-4	53





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Sample : Q1760-05
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ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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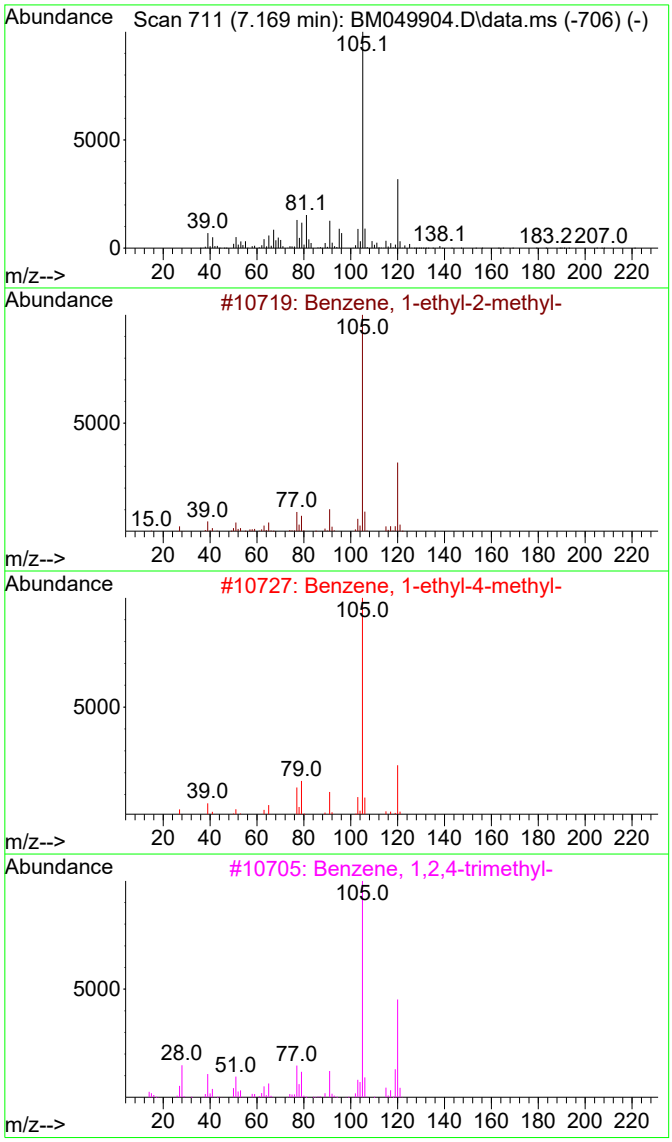
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM040825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

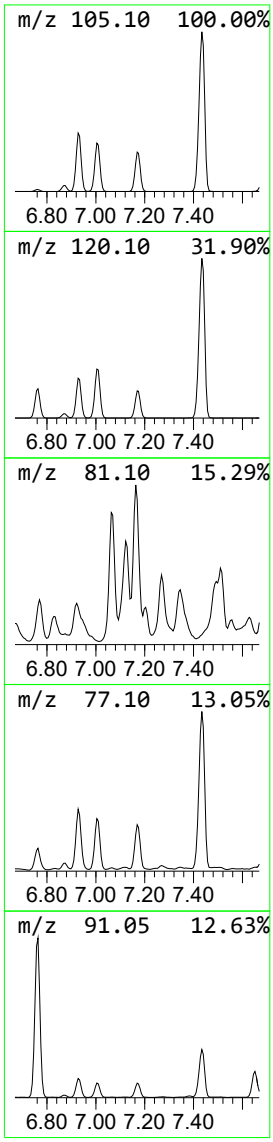
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Benzene, 1-ethyl-2-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.169	8.40 ng	8199040	1,4-Dichlorobenzene-d4	7.775

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	93
2	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	93
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	81
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	81
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	81





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Acq On : 11 Apr 2025 16:55
Operator : RC/JU
Sample : Q1760-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TP-15

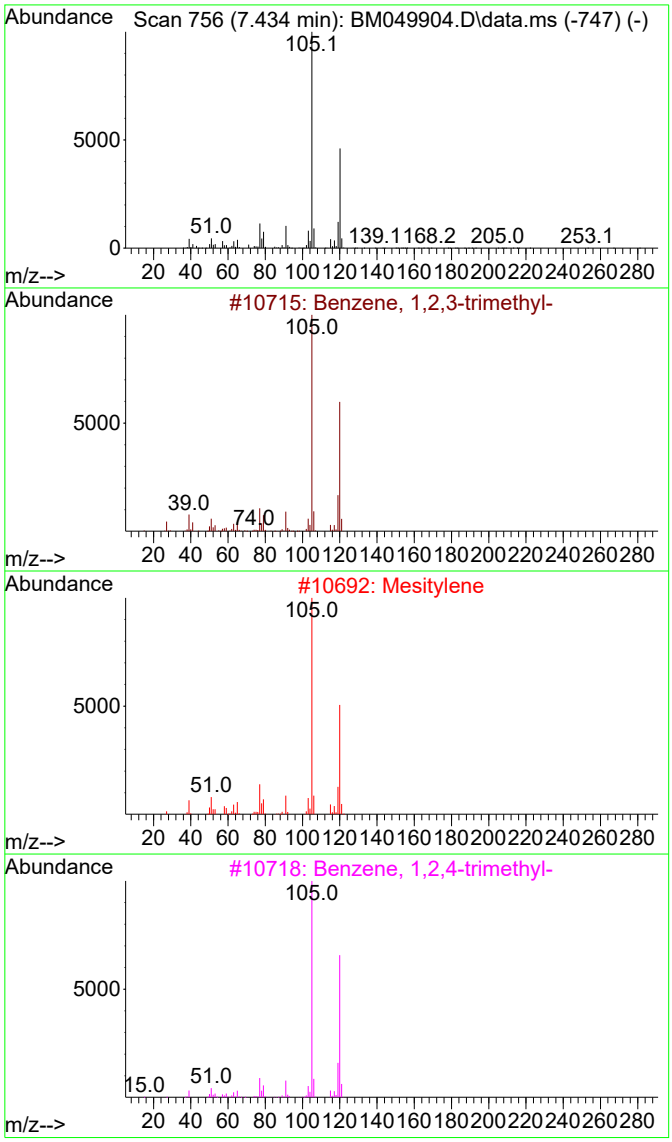
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM040825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

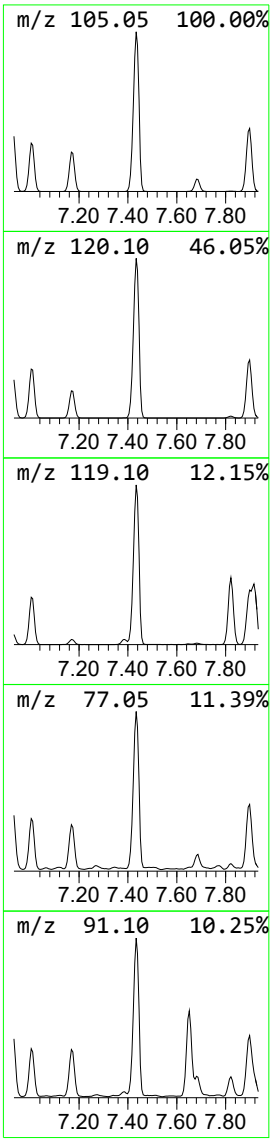
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Benzene, 1,2,3-trimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.434	42.89 ng	41881300	1,4-Dichlorobenzene-d4	7.775

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
2	Mesitylene	120	C9H12	000108-67-8	97
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	95
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	90
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	90





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Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM040825.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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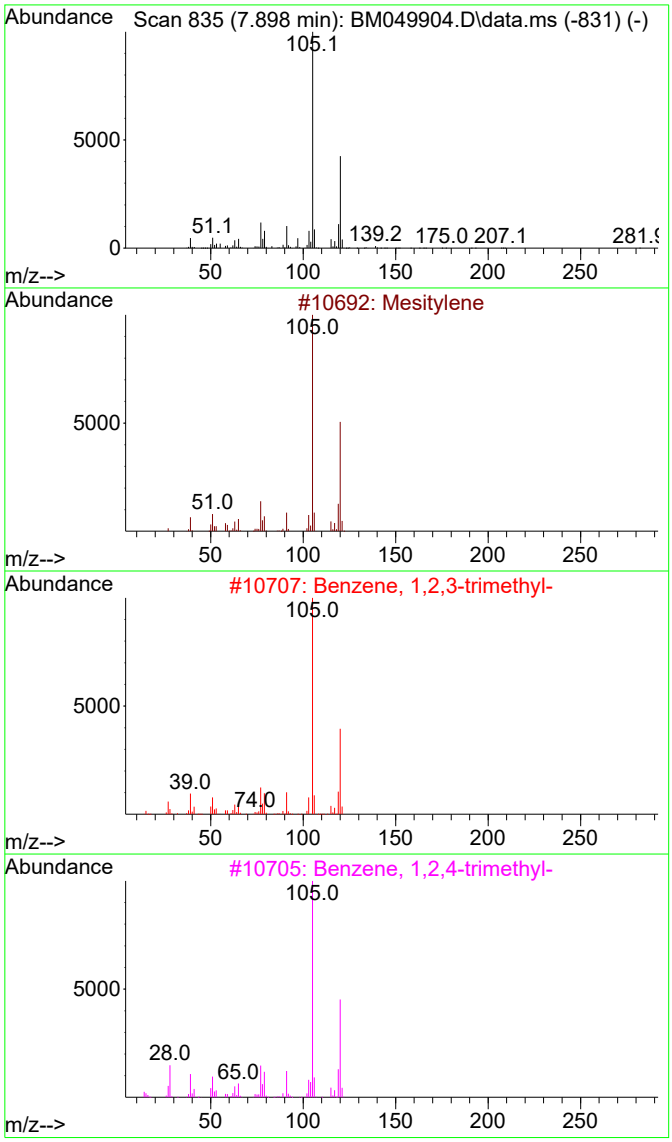
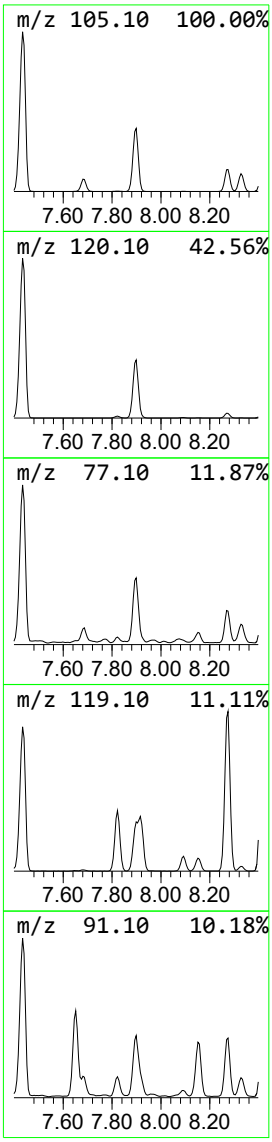
Peak Number 10 Mesitylene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.898	12.96 ng	12653900	1,4-Dichlorobenzene-d4	7.775

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Mesitylene	120	C9H12	000108-67-8	97
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-4-methyl-	120	C9H12	000622-96-8	90
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	90





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Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM040825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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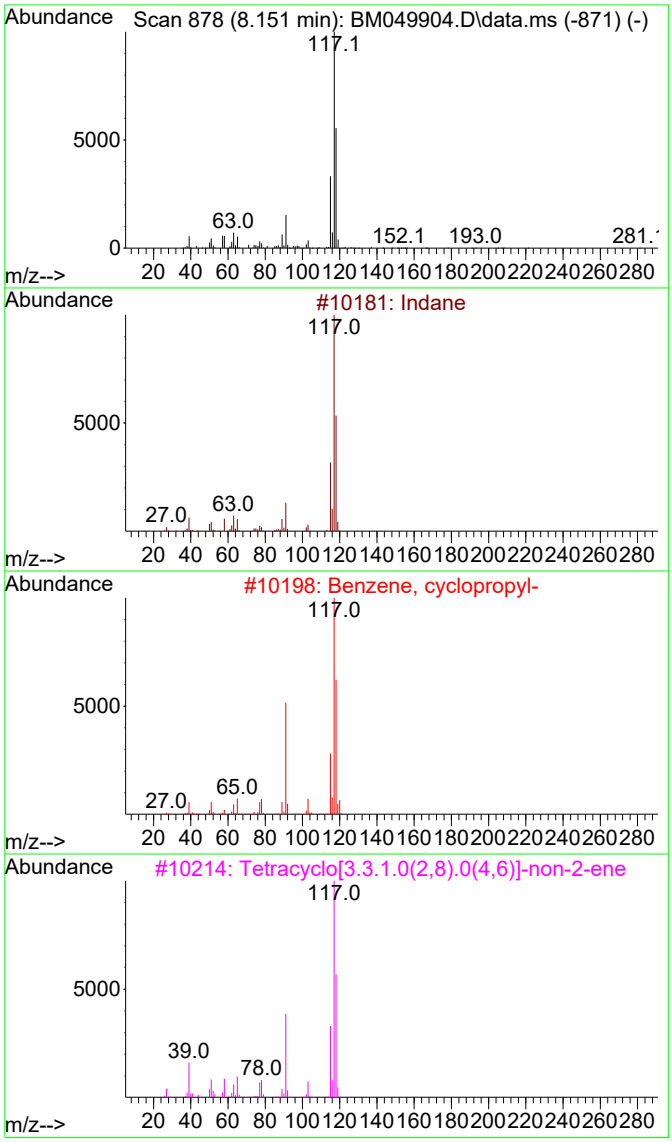
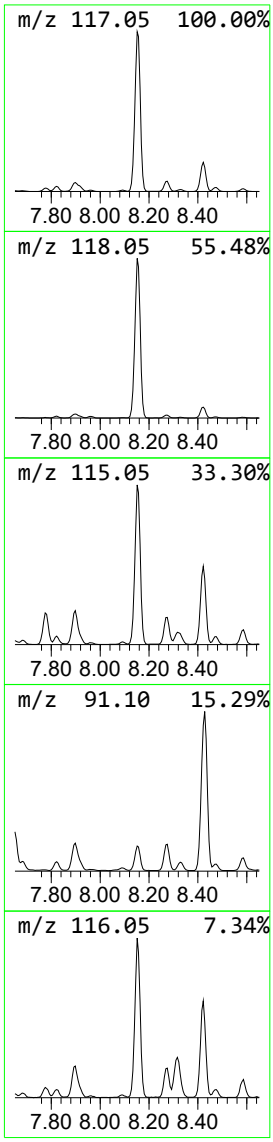
Peak Number 11 Indane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.151	9.12 ng	8901220	1,4-Dichlorobenzene-d4	7.775

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	93
2	Benzene, cyclopropyl-	118	C9H10	000873-49-4	83
3	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	80
4	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	72
5	Deltacyclene	118	C9H10	007785-10-6	72





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Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TP-15

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM040825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

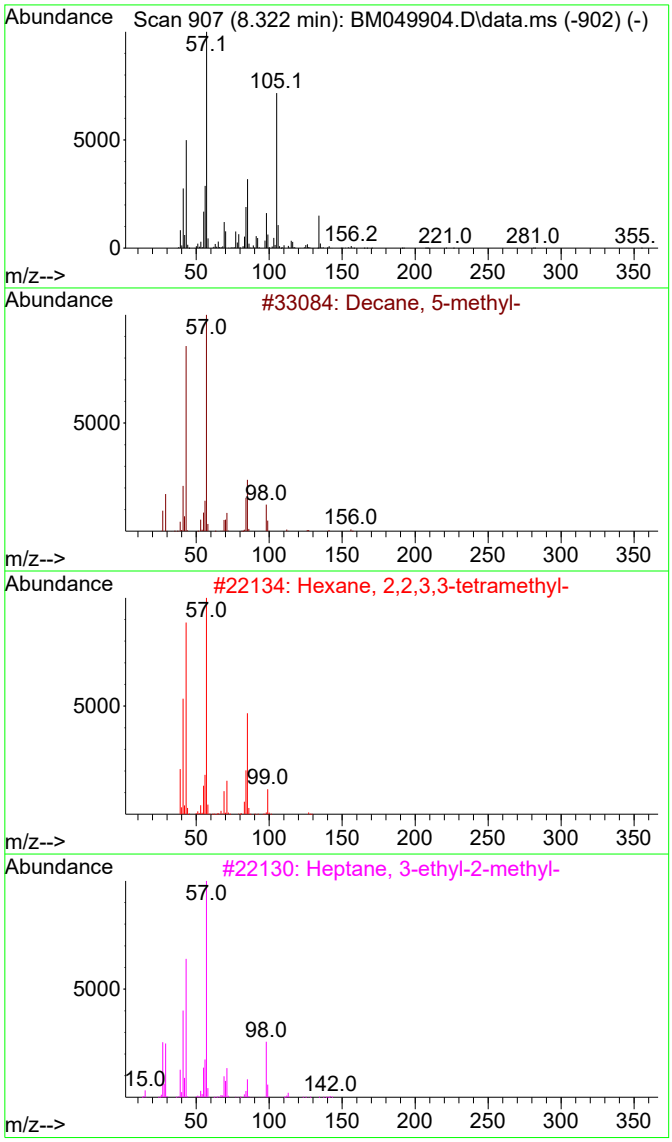
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

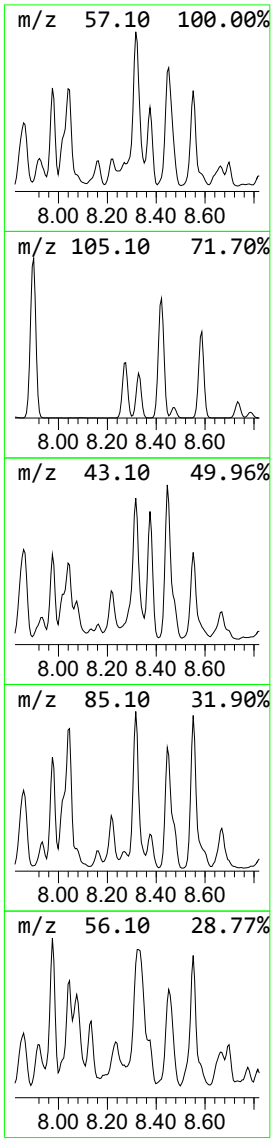
****

Peak Number 12 Decane, 5-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.322	8.26 ng	8060230	1,4-Dichlorobenzene-d4	7.775

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 5-methyl-	156	C11H24	013151-35-4	52
2	Hexane, 2,2,3,3-tetramethyl-	142	C10H22	013475-81-5	35
3	Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	27
4	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	25
5	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	25





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ALS Vial : 13 Sample Multiplier: 1

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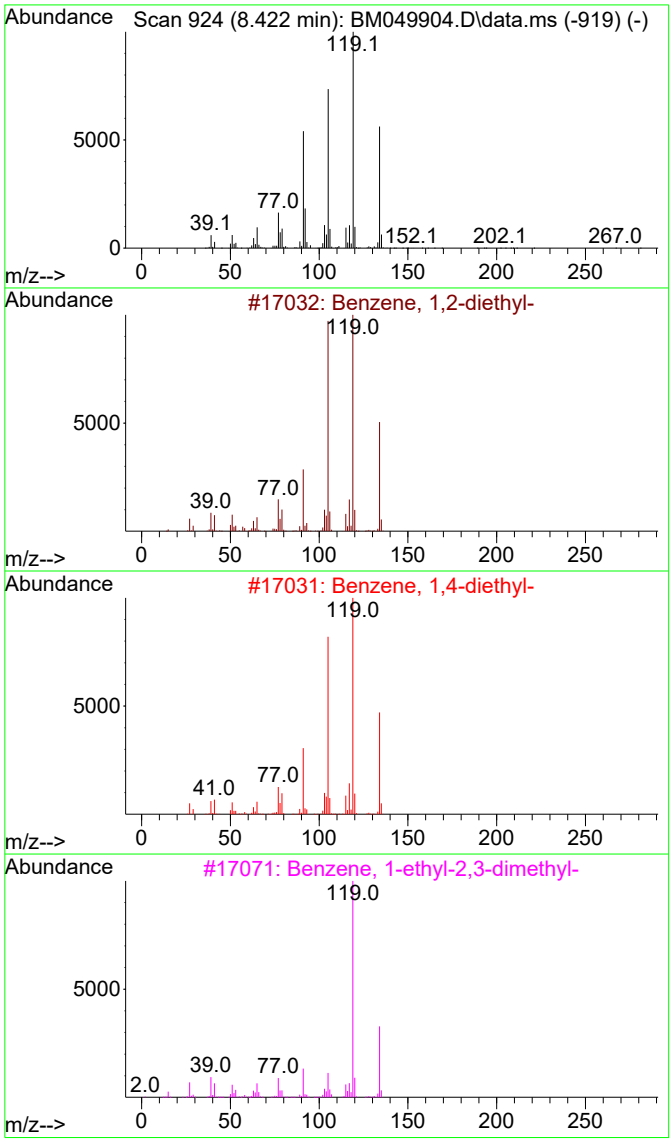
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

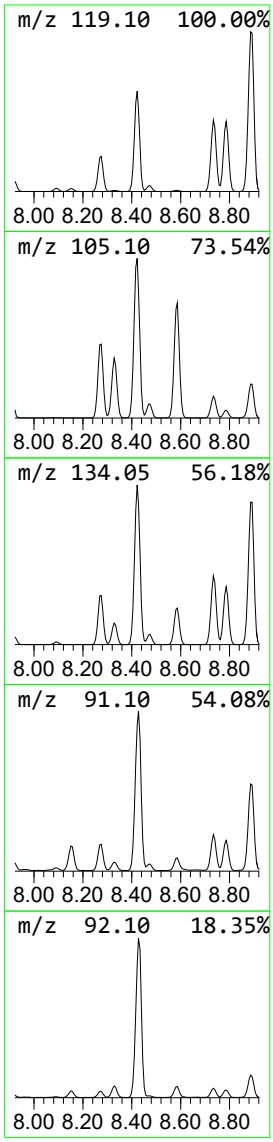
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Benzene, 1,2-diethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.422	29.49 ng	28794700	1,4-Dichlorobenzene-d4	7.775

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	95
2	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	94
3	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	94
4	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	93
5	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	91





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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
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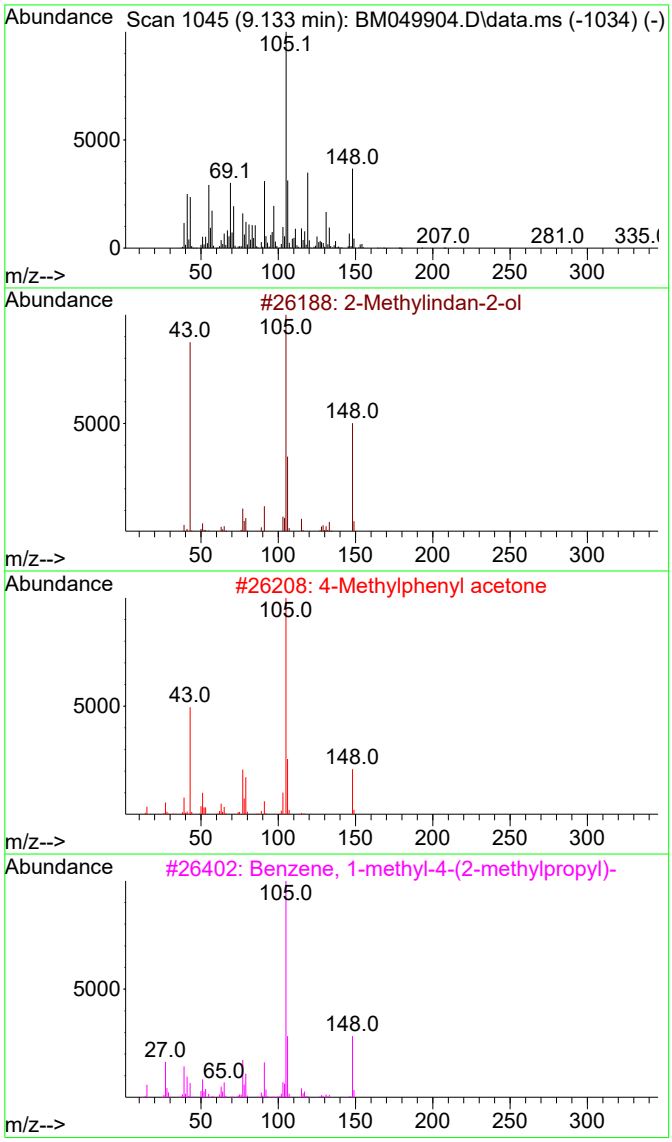
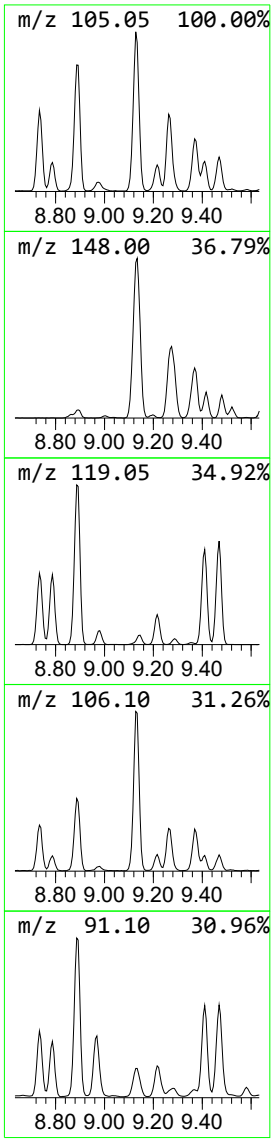
****

Peak Number 14 unknown9.133 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.133	10.70 ng	10443400	1,4-Dichlorobenzene-d4	7.775

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methylindan-2-ol	148	C10H12O	033223-84-6	46
2	4-Methylphenyl acetone	148	C10H12O	002096-86-8	42
3	Benzene, 1-methyl-4-(2-methylpro...	148	C11H16	005161-04-6	41
4	2-Butanone, 4-phenyl-	148	C10H12O	002550-26-7	38
5	Benzene, (2-methoxy-2-propenyl)-	148	C10H12O	026473-60-9	38





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ClientSampleId :
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TIC Library : C:\Database\NIST20.L
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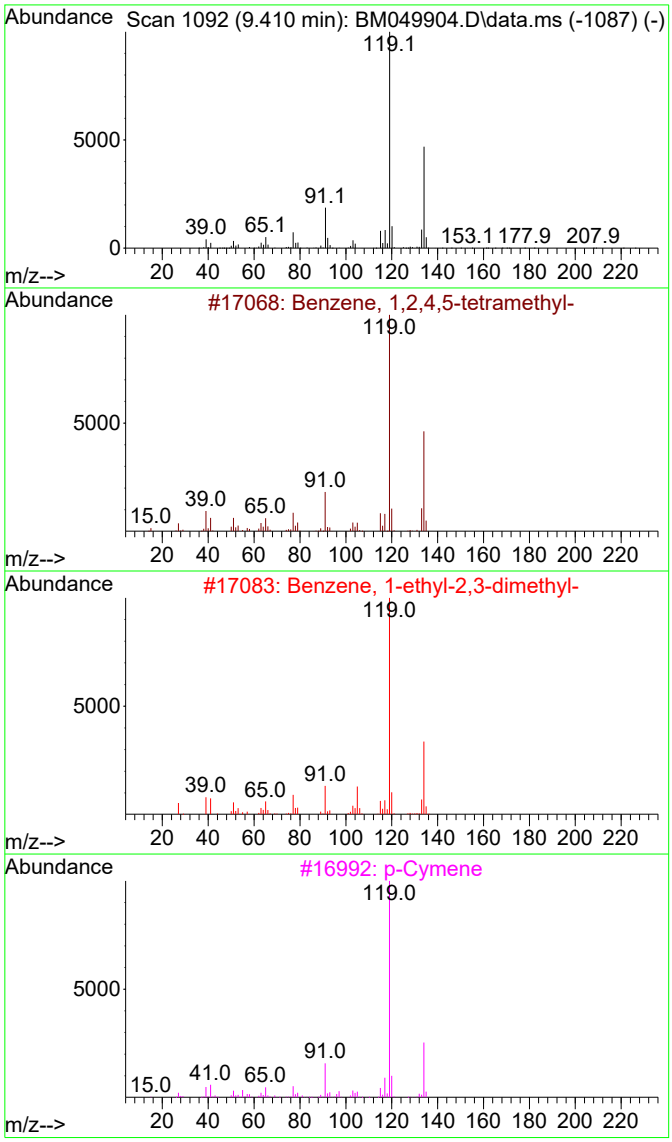
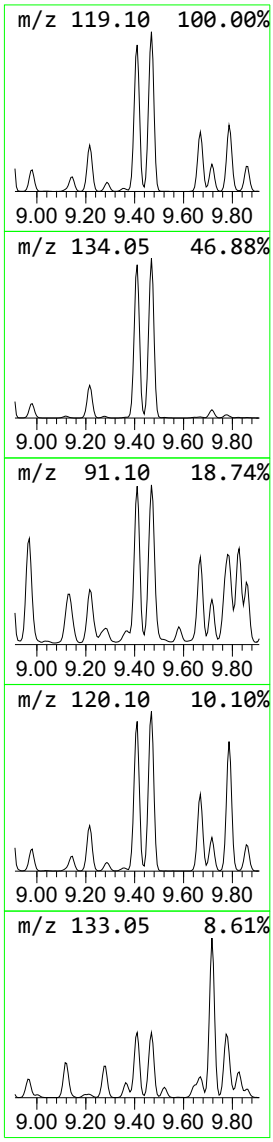
****
Peak Number 15 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.410	9.57 ng	12192700	Naphthalene-d8	10.575

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	94
2	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91
3	p-Cymene	134	C10H14	000099-87-6	91
4	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	91
5	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91





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TIC Library : C:\Database\NIST20.L
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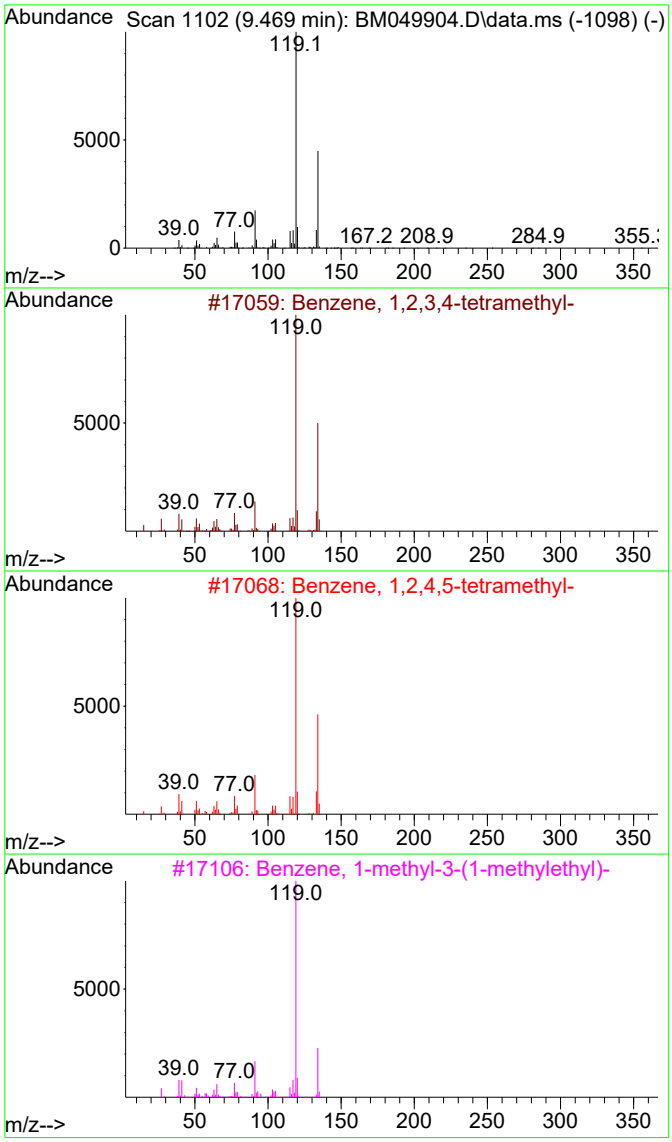
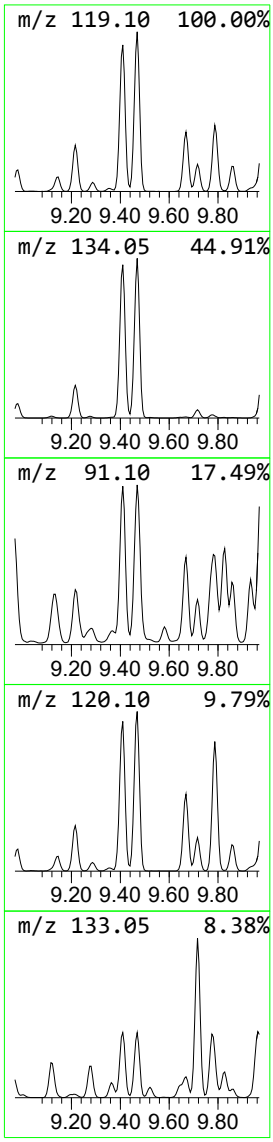
****
Peak Number 16 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.469	11.27 ng	14368500	Naphthalene-d8	10.575

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	94
2	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	94
3	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	91
4	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91
5	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	91





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Operator : RC/JU
Sample : Q1760-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM040825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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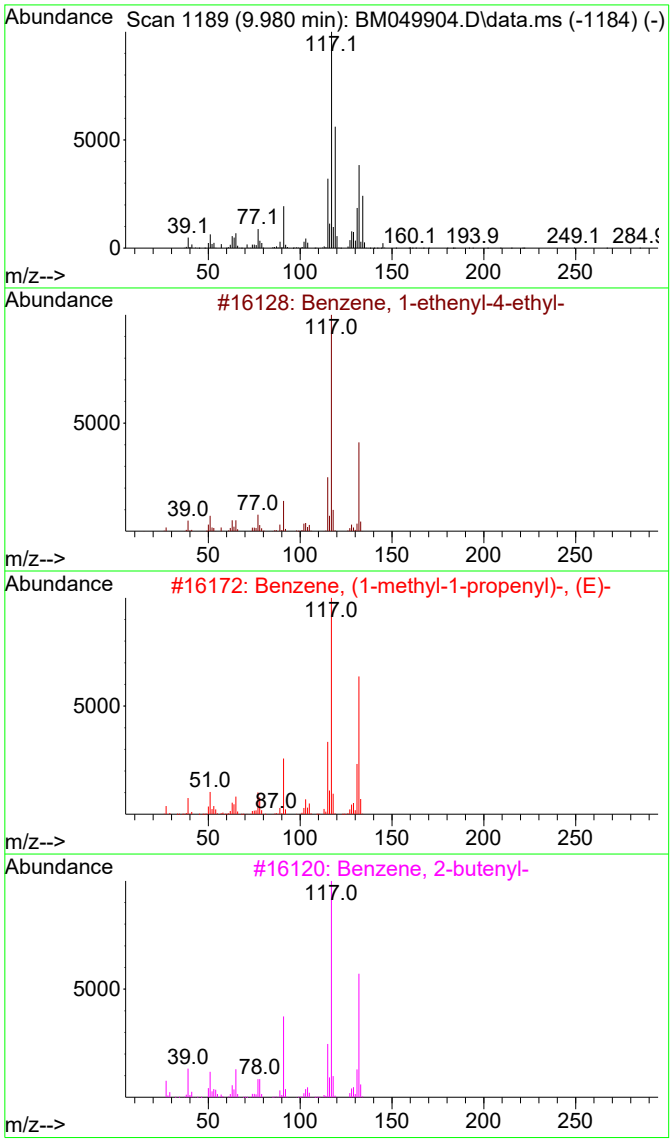
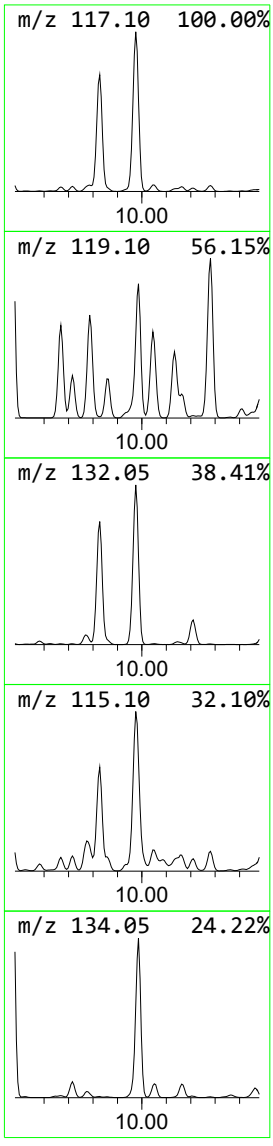
Peak Number 17 Benzene, 1-ethenyl-4-ethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.980	19.02 ng	24246500	Naphthalene-d8	10.575

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	64
2	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	62
3	Benzene, 2-butenyl-	132	C10H12	001560-06-1	62
4	Indan, 1-methyl-	132	C10H12	000767-58-8	62
5	1-Methyl-2-phenylcyclopropane	132	C10H12	003145-76-4	60





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041125\
Data File : BM049904.D
Acq On : 11 Apr 2025 16:55
Operator : RC/JU
Sample : Q1760-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TP-15

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM040825.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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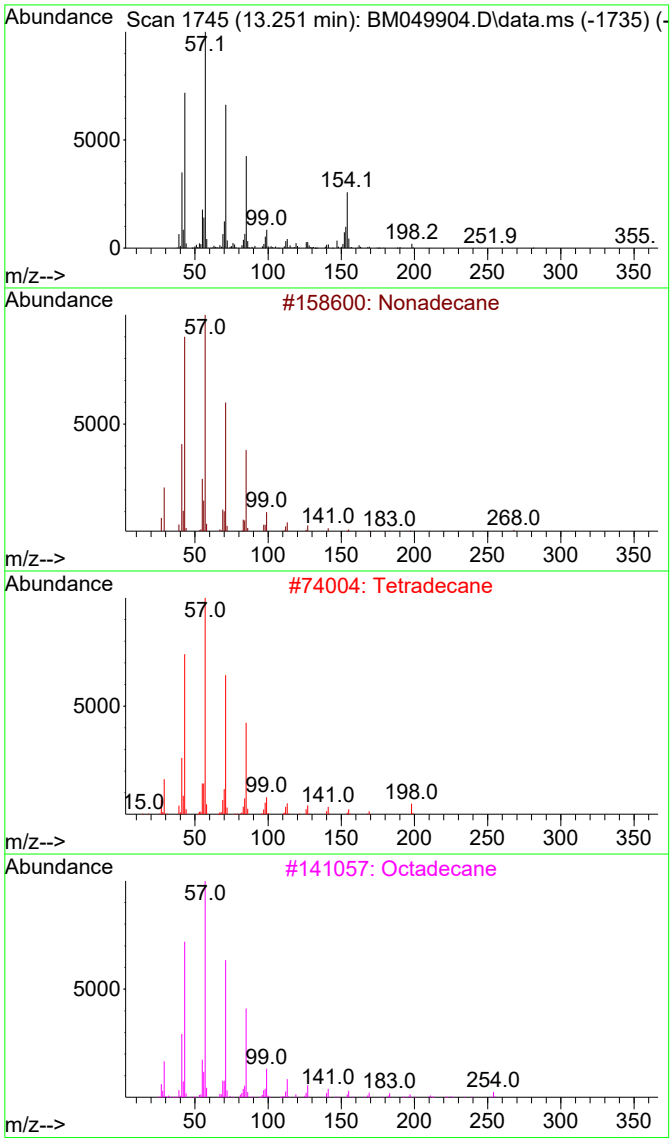
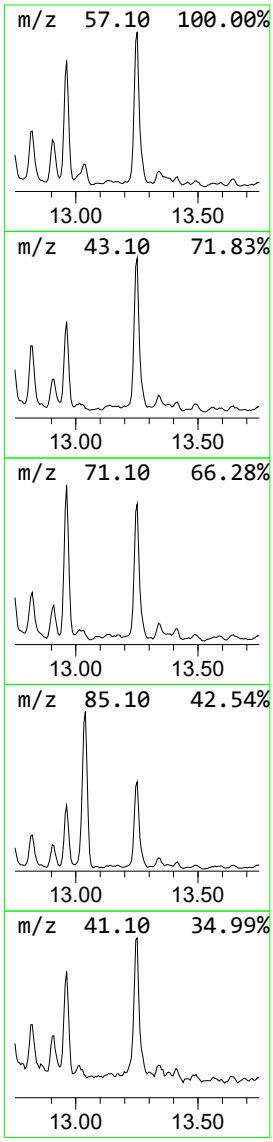
Peak Number 18 Nonadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.251	12.15 ng	2162510	Acenaphthene-d10	14.416

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	58
2	Tetradecane	198	C14H30	000629-59-4	58
3	Octadecane	254	C18H38	000593-45-3	53
4	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	52
5	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	52





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041125\
Data File : BM049904.D
Acq On : 11 Apr 2025 16:55
Operator : RC/JU
Sample : Q1760-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TP-15

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM040825.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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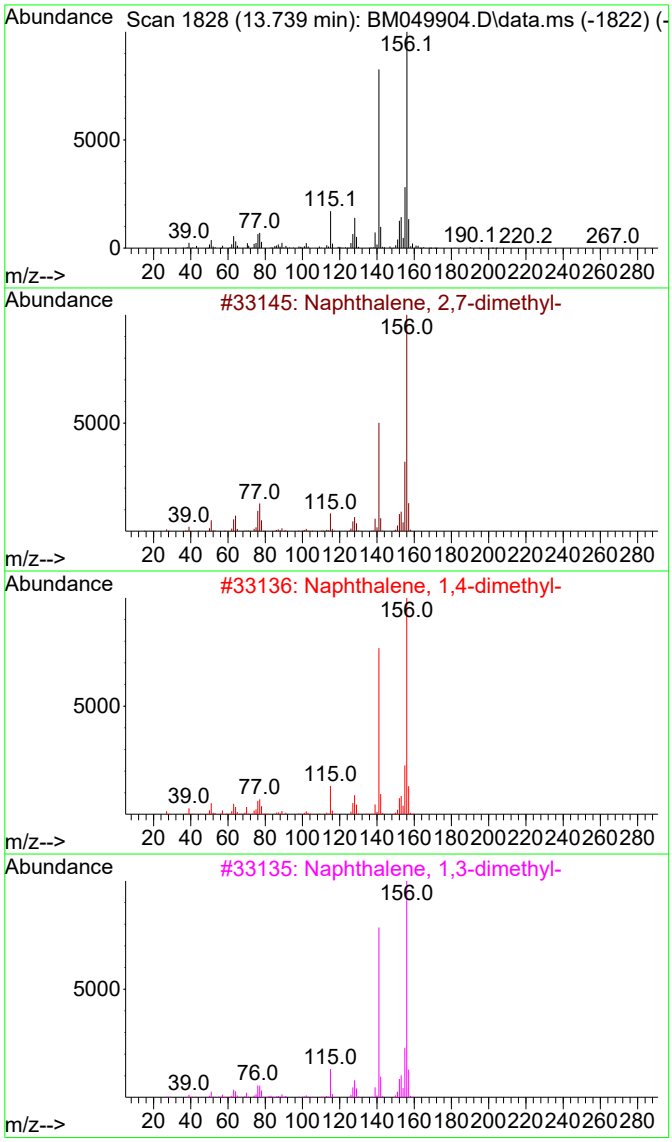
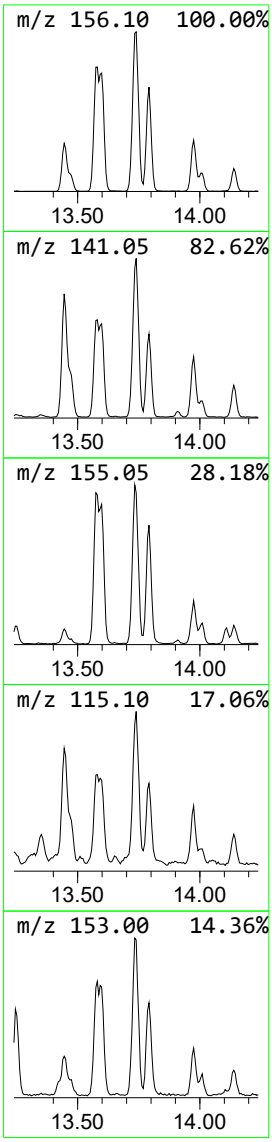
Peak Number 19 Naphthalene, 2,7-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.739	11.70 ng	2081680	Acenaphthene-d10	14.416

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
2	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
3	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
4	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
5	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	96





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041125\
Data File : BM049904.D
Acq On : 11 Apr 2025 16:55
Operator : RC/JU
Sample : Q1760-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TP-15

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM040825.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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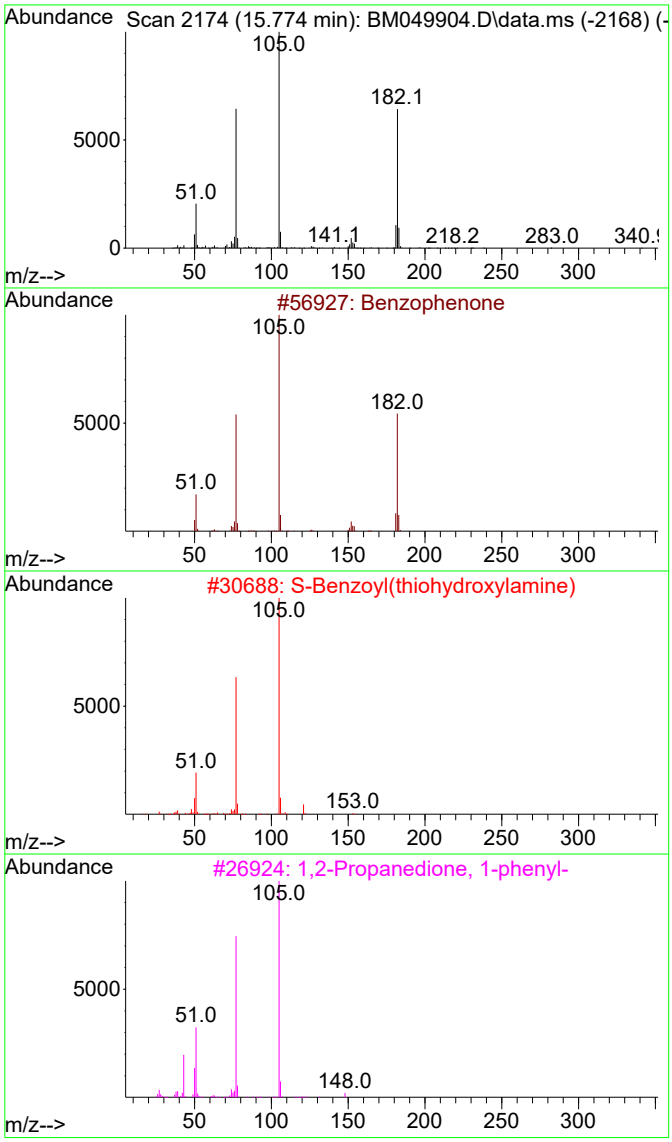
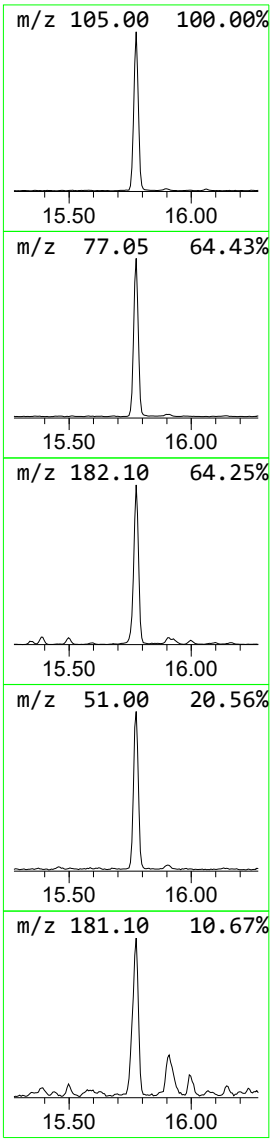
Peak Number 20 Benzophenone Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.774	12.67 ng	2255170	Acenaphthene-d10	14.416

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	S-Benzoyl(thiohydroxylamine)	153	C7H7NOS	025740-80-1	43
3	1,2-Propanedione, 1-phenyl-	148	C9H8O2	000579-07-7	43
4	5-Oxo-5-phenylpentanenitrile	173	C11H11NO	1000486-83-7	43
5	Benzenepropanenitrile, .beta.-oxo-	145	C9H7NO	000614-16-4	43





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041125\
Data File : BM049904.D
Acq On : 11 Apr 2025 16:55
Operator : RC/JU
Sample : Q1760-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TP-15

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM040825.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
p-Xylene	5.446	9.3	ng	9055380	1	7.775	19527500	20.0
Nonane	5.804	12.2	ng	11923900	1	7.775	19527500	20.0
Cyclohexane, 1-...	6.057	9.9	ng	9675830	1	7.775	19527500	20.0
Benzene, (1-met...	6.269	10.3	ng	10057400	1	7.775	19527500	20.0
Octane, 2,6-dim...	6.345	9.8	ng	9531560	1	7.775	19527500	20.0
Cyclohexane, (1...	6.422	12.6	ng	12264100	1	7.775	19527500	20.0
Nonane, 4-methyl-	6.781	24.0	ng	23450600	1	7.775	19527500	20.0
Benzene, 1-ethy...	7.169	8.4	ng	8199040	1	7.775	19527500	20.0
Benzene, 1,2,3-...	7.434	42.9	ng	41881300	1	7.775	19527500	20.0
Mesitylene	7.898	13.0	ng	12653900	1	7.775	19527500	20.0
Indane	8.151	9.1	ng	8901220	1	7.775	19527500	20.0
Decane, 5-methyl-	8.322	8.3	ng	8060230	1	7.775	19527500	20.0
Benzene, 1,2-di...	8.422	29.5	ng	28794700	1	7.775	19527500	20.0
unknown9.133	9.133	10.7	ng	10443400	1	7.775	19527500	20.0
Benzene, 1,2,4,...	9.410	9.6	ng	12192700	2	10.575	25489900	20.0
Benzene, 1,2,3,...	9.469	11.3	ng	14368500	2	10.575	25489900	20.0
Benzene, 1-ethe...	9.980	19.0	ng	24246500	2	10.575	25489900	20.0
Nonadecane	13.251	12.2	ng	2162510	3	14.416	3559720	20.0
Naphthalene, 2,...	13.739	11.7	ng	2081680	3	14.416	3559720	20.0
Benzophenone	15.774	12.7	ng	2255170	3	14.416	3559720	20.0