LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091925\
Data File : BP025796.D
Acq On : 19 Sep 2025 13:01
Operator : CG/JU
Sample : Q3108-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW2

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-BP091225.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP025796.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.014	8	13	22	rBV	4988739	7086480	60.81%	6.482%
2	3.537	98	102	111	rVB3	145646	256258	2.20%	0.234%
3	3.772	137	142	144	rBV	106522	167160	1.43%	0.153%
4	3.867	150	158	164	rBV2	130542	218204	1.87%	0.200%
5	4.008	174	182	186	rBV2	218204	401022	3.44%	0.367%
6	4.043	186	188	193	rVB	108887	145838	1.25%	0.133%
7	4.178	205	211	220	rBV7	45615	121020	1.04%	0.111%
8	4.314	226	234	242	rVB6	60066	180499	1.55%	0.165%
9	4.914	327	336	341	rBV3	68444	140454	1.21%	0.128%
10	5.002	346	351	358	rBV5	105898	235209	2.02%	0.215%
11	5.384	406	416	420	rBV	1673137	2749873	23.60%	2.515%
12	5.455	420	428	442	rVB	2393736	5520311	47.37%	5.049%
13	5.802	480	487	498	rVB	2449585	3823977	32.81%	3.498%
14	6.055	523	530	543	rVB3	60320	165865	1.42%	0.152%
15	6.855	654	666	670	rBV	377576	597205	5.12%	0.546%
16	6.913	670	676	679	rVV	1511606	2554288	21.92%	2.336%
17	6.943	679	681	685	rVV	930088	1387270	11.90%	1.269%
18	6.984	685	688	700	rVB	1279816	2071752	17.78%	1.895%
19	7.149	709	716	726	rBV	2482059	3830822	32.87%	3.504%
20	7.408	753	760	767	rBV	628766	1028049	8.82%	0.940%
21	7.749	811	818	824	rBV	635933	1018808	8.74%	0.932%
22	7.866	831	838	849	rVB	2316816	3770556	32.35%	3.449%
23	8.025	854	865	868	rBV3	41829	121625	1.04%	0.111%
24	8.119	875	881	891	rVB	1196946	1894321	16.25%	1.733%
25	8.237	892	901	905	rVV	599893	969062	8.32%	0.886%
26	8.284	905	909	916	rVB2	155029	268318	2.30%	0.245%
27	8.384	919	926	931	rBV	549554	881504	7.56%	0.806%
28	8.431	931	934	941	rVB	165795	258609	2.22%	0.237%
29	8.543	948	953	963	rVB	344238	555593	4.77%	0.508%
30	8.690	971	978	983	rBV	282272	459590	3.94%	0.420%
31	8.743	983	987	992	rVB	193261	281158	2.41%	0.257%
32	8.843	997	1004	1008	rBV	1523023	2384293	20.46%	2.181%
33	8.896	1008	1013	1030	rVB2	2287784	5470952	46.94%	5.004%
34	9.078	1039	1044	1053	rVV4	53534	122118	1.05%	0.112%
35	9.172	1053	1060	1073	rVB	328240	627121	5.38%	0.574%
36	9.360	1086	1092	1097	rBV	801027	1185911	10.18%	1.085%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091925\
Data File : BP025796.D
Acq On : 19 Sep 2025 13:01
Operator : CG/JU
Sample : Q3108-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW2

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-BP091225.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	9.419	1097	1102	1109	rVB	599562	920831	7.90%	0.842%
38	9.507	1112	1117	1125	rBV2	90794	189239	1.62%	0.173%
39	9.590	1125	1131	1134	rBV	369361	748142	6.42%	0.684%
40	9.725	1148	1154	1156	rBV3	148812	253281	2.17%	0.232%
41	9.772	1157	1162	1174	rVB	734544	1361697	11.68%	1.246%
42	9.925	1176	1188	1196	rBV2	1588044	2978537	25.56%	2.724%
43	9.996	1196	1200	1204	rBV	93262	157959	1.36%	0.144%
44	10.107	1215	1219	1223	rVB3	116963	162586	1.40%	0.149%
45	10.149	1223	1226	1233	rVV	159986	258495	2.22%	0.236%
46	10.225	1233	1239	1249	rVB	150100	272039	2.33%	0.249%
47	10.449	1272	1277	1279	rBV3	67689	123212	1.06%	0.113%
48	10.513	1279	1288	1293	rVV2	814794	1828520	15.69%	1.673%
49	10.566	1293	1297	1304	rVV3	389543	788824	6.77%	0.722%
50	10.637	1304	1309	1315	rVB	192927	314981	2.70%	0.288%
51	10.737	1322	1326	1332	rVB	98105	144064	1.24%	0.132%
52	10.972	1355	1366	1375	rVV	221740	571299	4.90%	0.523%
53	11.054	1375	1380	1385	rVV7	56443	156144	1.34%	0.143%
54	11.143	1389	1395	1406	rVV2	579530	1349761	11.58%	1.235%
55	11.231	1406	1410	1417	rVB6	76877	159916	1.37%	0.146%
56	11.431	1439	1444	1449	rBV	195688	327307	2.81%	0.299%
57	11.501	1451	1456	1463	rVV2	274293	538521	4.62%	0.493%
58	11.631	1472	1478	1488	rVB2	151321	307021	2.63%	0.281%
59	11.748	1488	1498	1506	rVV4	244619	633611	5.44%	0.580%
60	11.843	1506	1514	1518	rVV4	94314	196772	1.69%	0.180%
61	11.907	1518	1525	1533	rVB4	160034	369154	3.17%	0.338%
62	12.072	1548	1553	1561	rVB6	59574	140504	1.21%	0.129%
63	12.219	1561	1578	1595	rBV5	201850	1288409	11.06%	1.178%
64	12.407	1604	1610	1614	rBV2	240790	388436	3.33%	0.355%
65	12.478	1614	1622	1626	rBV5	92625	233807	2.01%	0.214%
66	12.572	1635	1638	1649	rVB5	74995	190987	1.64%	0.175%
67	12.731	1658	1665	1670	rVB3	73172	138675	1.19%	0.127%
68	12.984	1701	1708	1721	rVB	4897123	8360127	71.73%	7.647%
69	13.137	1727	1734	1739	rBV	92460	188498	1.62%	0.172%
70	13.507	1792	1797	1801	rBV4	94963	163988	1.41%	0.150%
71	14.372	1935	1944	1952	rBV	1142065	1855822	15.92%	1.697%
72	15.207	2079	2086	2093	rBV2	78959	158910	1.36%	0.145%
73	15.889	2193	2202	2217	rBV	3866092	6629413	56.88%	6.064%
74	16.419	2287	2292	2304	rVB	71261	120324	1.03%	0.110%
75	17.178	2413	2421	2432	rBV2	1268298	2134180	18.31%	1.952%
76	18.113	2574	2580	2587	rBV	750988	1211275	10.39%	1.108%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091925\
Data File : BP025796.D
Acq On : 19 Sep 2025 13:01
Operator : CG/JU
Sample : Q3108-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW2

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-BP091225.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	18.178	2588	2591	2607	rVB	158619	283525	2.43%	0.259%
78	19.442	2801	2806	2817	rBV	653862	1133559	9.73%	1.037%
79	19.895	2878	2883	2902	rBV	8417885	11654340	100.00%	10.660%
80	21.283	3115	3119	3128	rVB3	135141	248007	2.13%	0.227%
81	21.624	3171	3177	3192	rVB	1455658	2412172	20.70%	2.206%
82	24.977	3739	3747	3764	rVB2	721904	2328915	19.98%	2.130%

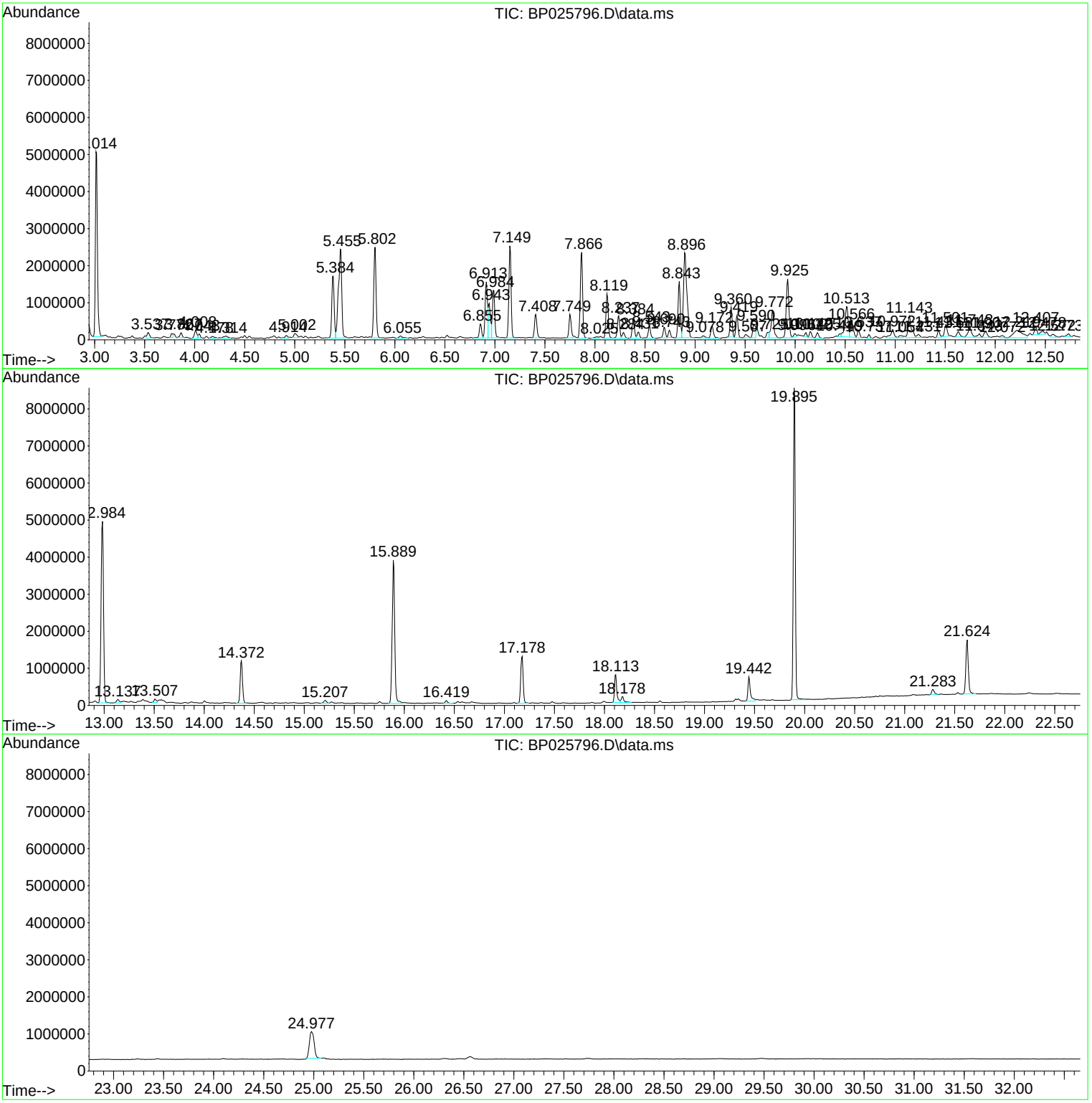
Sum of corrected areas: 109326881

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091925\
Data File : BP025796.D
Acq On : 19 Sep 2025 13:01
Operator : CG/JU
Sample : Q3108-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.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\BP091925\
Data File : BP025796.D
Acq On : 19 Sep 2025 13:01
Operator : CG/JU
Sample : Q3108-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

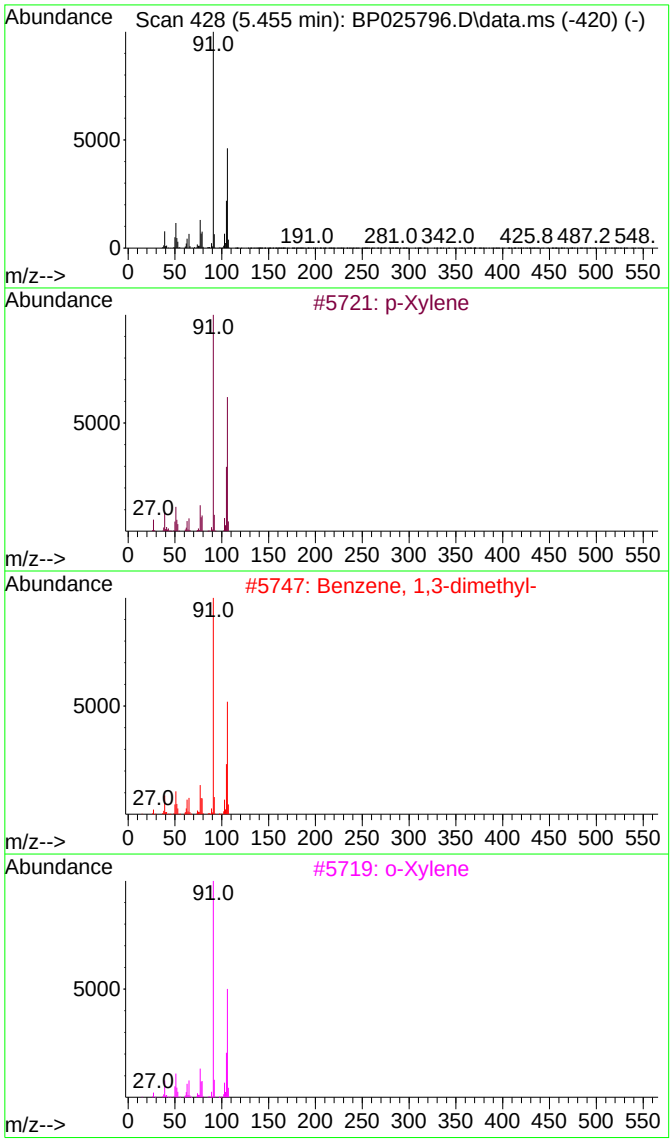
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

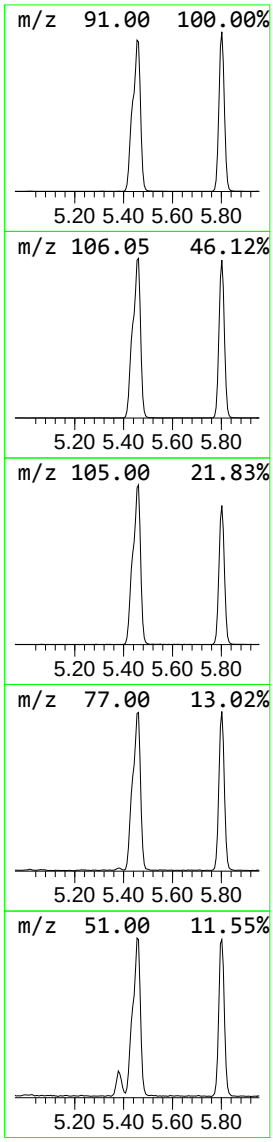
****

Peak Number 2 Benzene, 1,3-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.455	108.37 ng	5520310	1,4-Dichlorobenzene-d4	7.749

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Xylene	106	C8H10	000106-42-3	97
2	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	97
3	o-Xylene	106	C8H10	000095-47-6	97
4	1,3-Cyclopentadiene, 5-(1-methyl...	106	C8H10	002175-91-9	90
5	Ethylbenzene	106	C8H10	000100-41-4	83





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091925\
Data File : BP025796.D
Acq On : 19 Sep 2025 13:01
Operator : CG/JU
Sample : Q3108-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

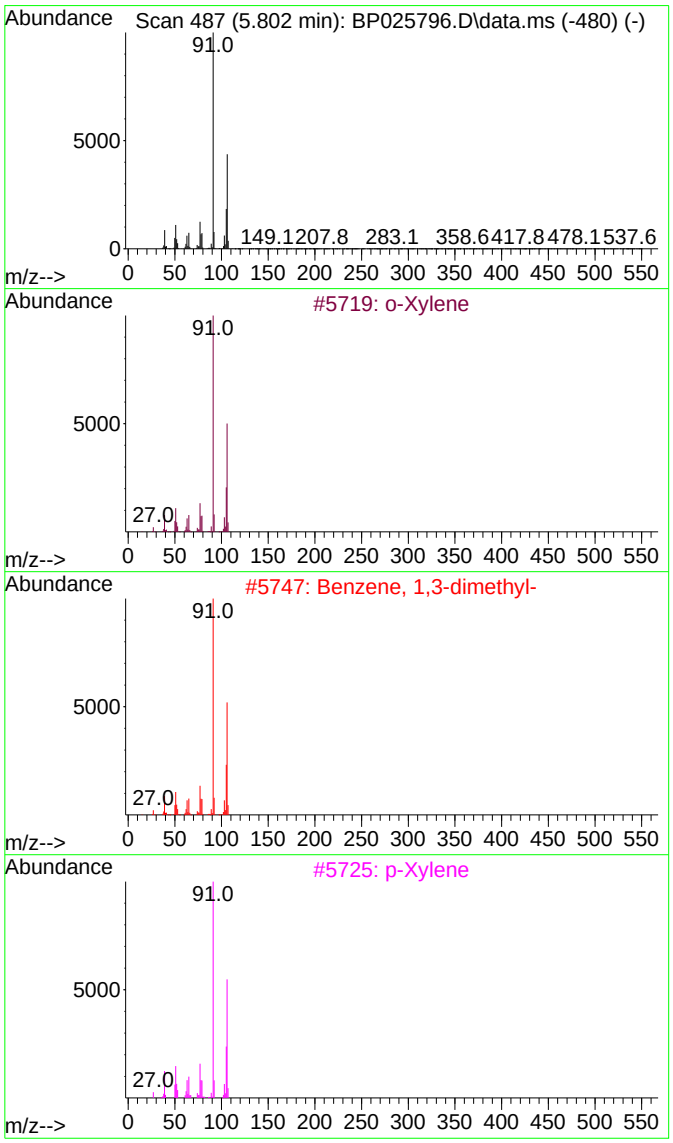
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

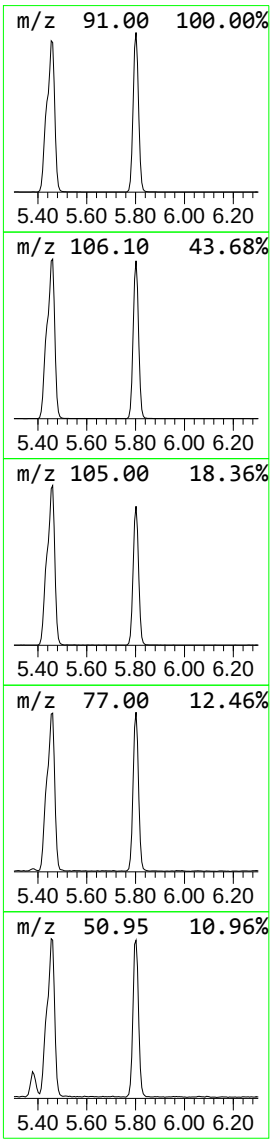
****

Peak Number 3 unknown5.802 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.802	75.07 ng	3823980	1,4-Dichlorobenzene-d4	7.749

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





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091925\
Data File : BP025796.D
Acq On : 19 Sep 2025 13:01
Operator : CG/JU
Sample : Q3108-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW2

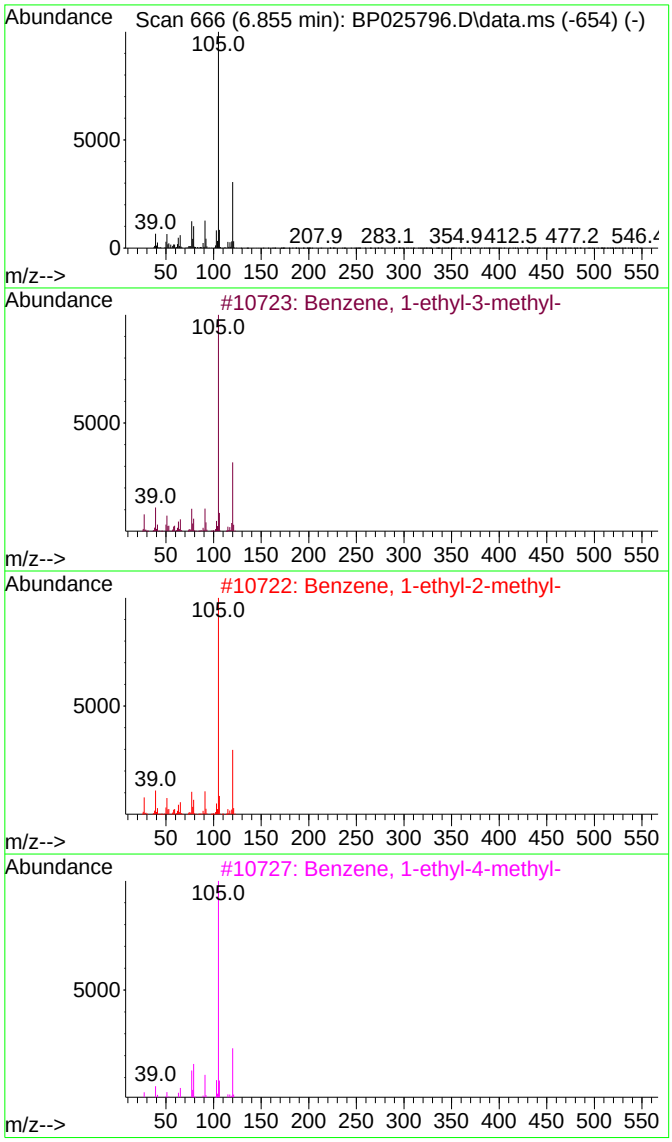
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

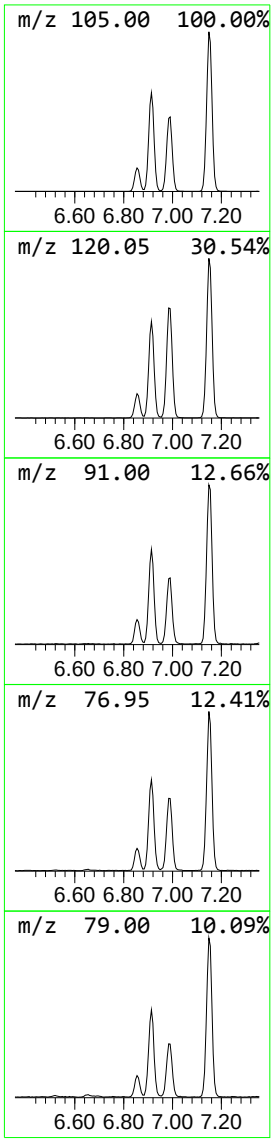
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Benzene, 1-ethyl-3-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.855	11.72 ng	597205	1,4-Dichlorobenzene-d4	7.749

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	95
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
3	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
4	Mesitylene	120	C9H12	000108-67-8	91
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091925\
Data File : BP025796.D
Acq On : 19 Sep 2025 13:01
Operator : CG/JU
Sample : Q3108-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW2

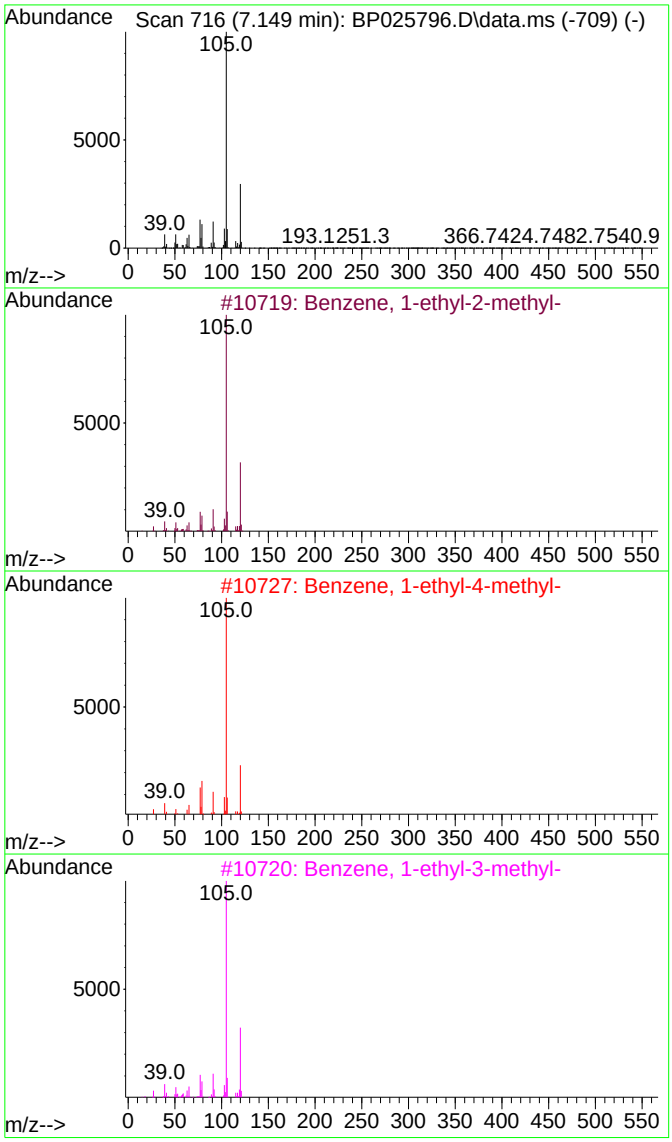
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

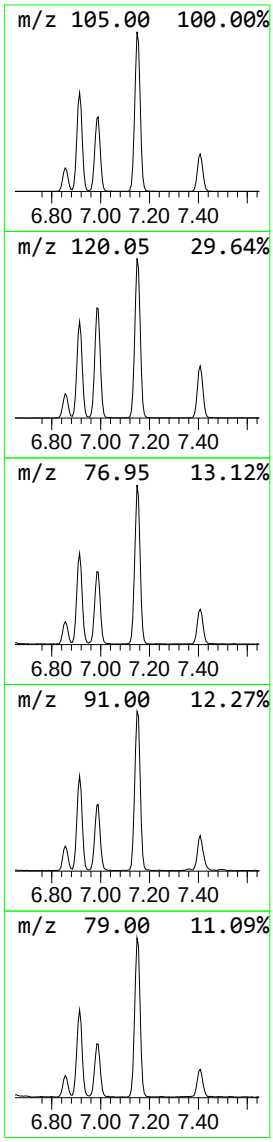
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Benzene, 1-ethyl-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.149	75.20 ng	3830820	1,4-Dichlorobenzene-d4	7.749

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
2	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	94
3	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
5	Mesitylene	120	C9H12	000108-67-8	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091925\
Data File : BP025796.D
Acq On : 19 Sep 2025 13:01
Operator : CG/JU
Sample : Q3108-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

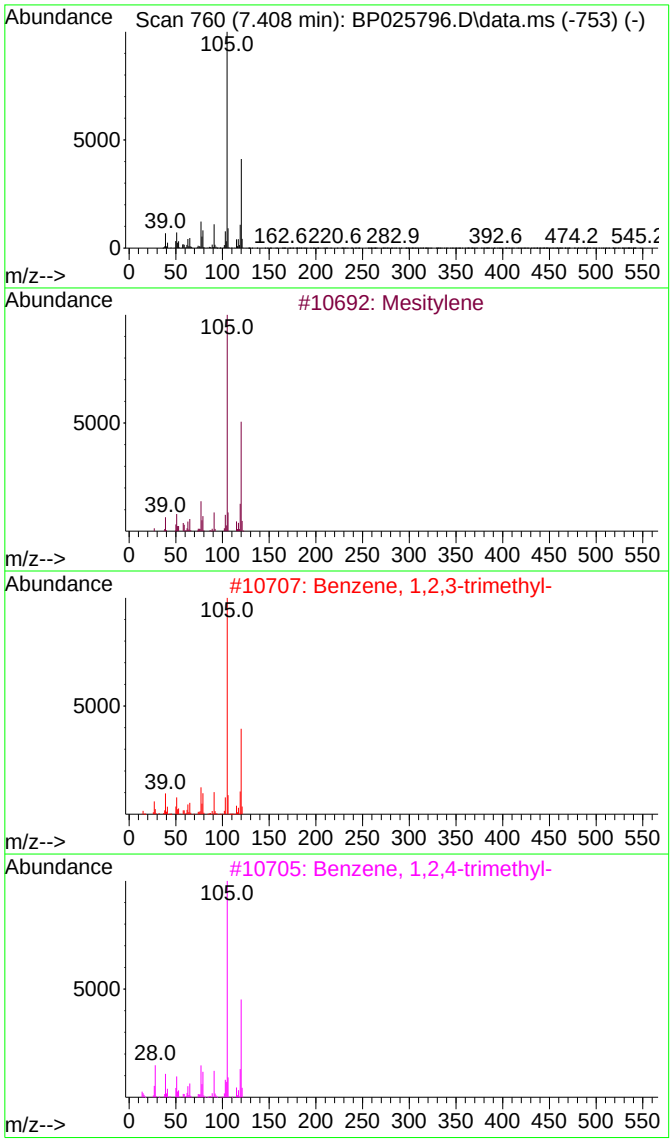
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

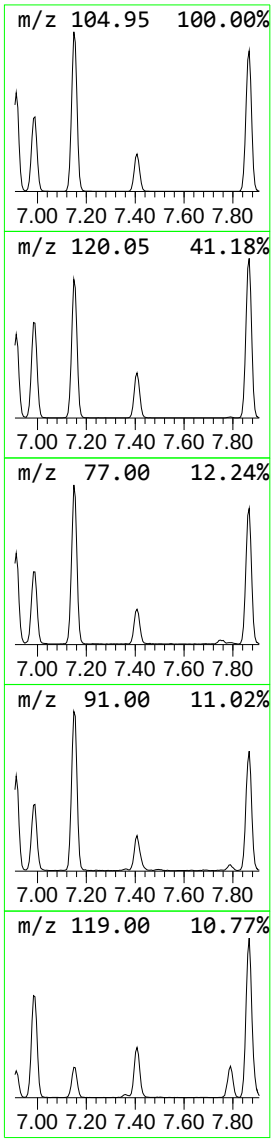
****

Peak Number 6 Benzene, 1,2,3-trimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.408	20.18 ng	1028050	1,4-Dichlorobenzene-d4	7.749

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-3-methyl-	120	C9H12	000620-14-4	91
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091925\
Data File : BP025796.D
Acq On : 19 Sep 2025 13:01
Operator : CG/JU
Sample : Q3108-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

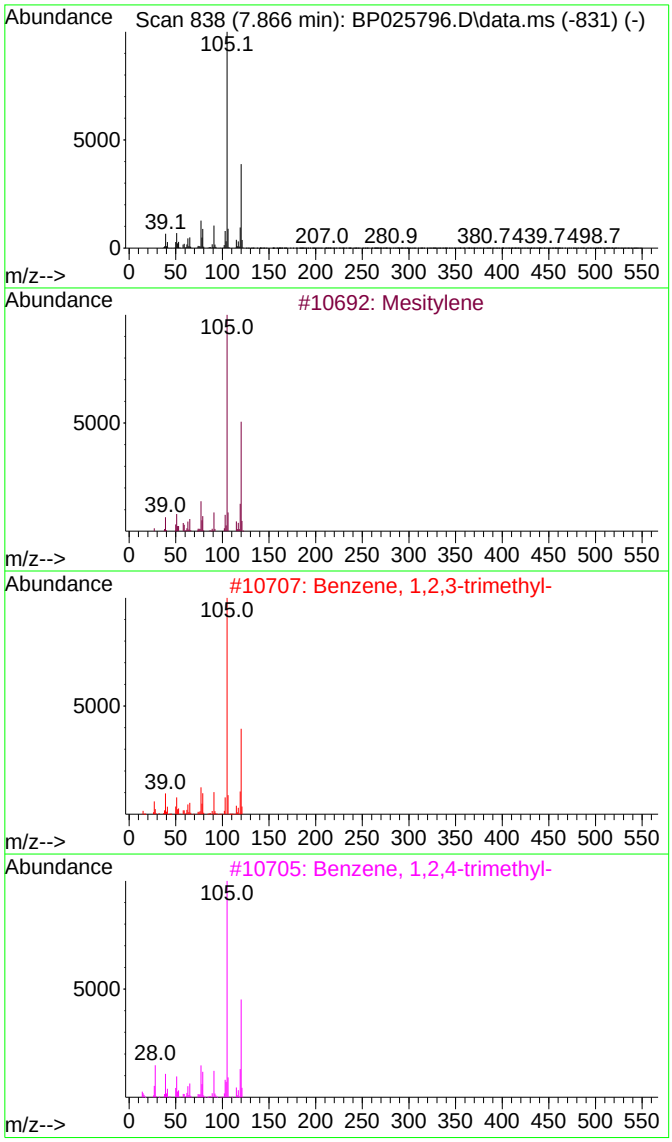
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

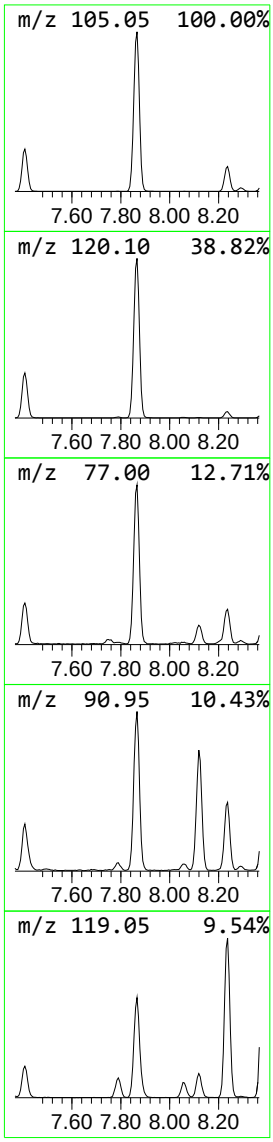
****

Peak Number 7 Benzene, 1,2,4-trimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.866	74.02 ng	3770560	1,4-Dichlorobenzene-d4	7.749

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-3-methyl-	120	C9H12	000620-14-4	90
5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	87





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Acq On : 19 Sep 2025 13:01
Operator : CG/JU
Sample : Q3108-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

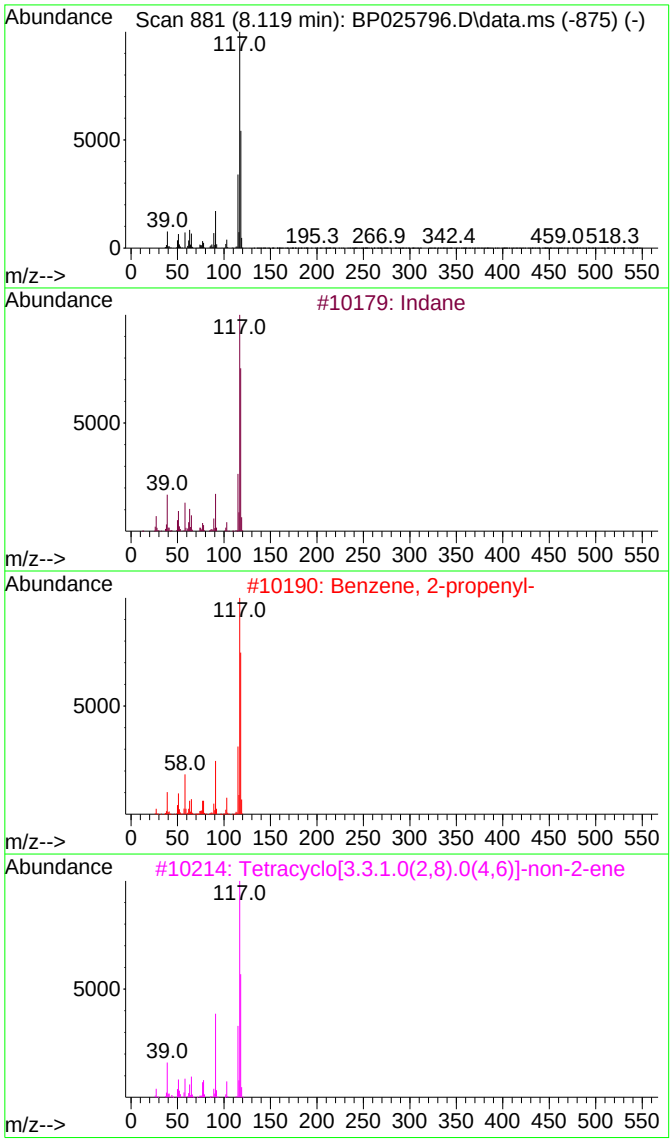
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

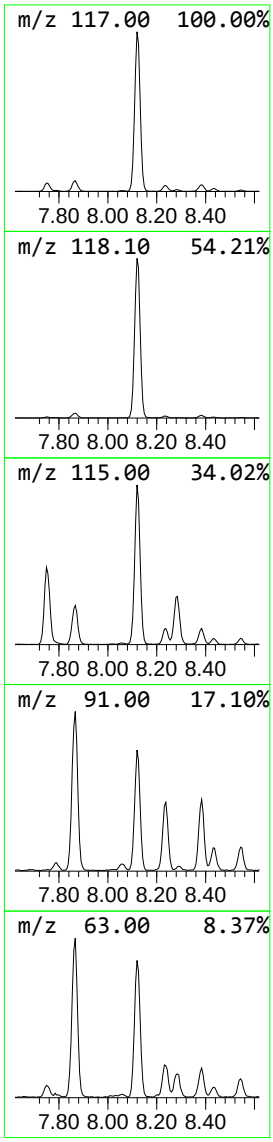
****

Peak Number 8 Indane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.119	37.19 ng	1894320	1,4-Dichlorobenzene-d4	7.749

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	91
2	Benzene, 2-propenyl-	118	C9H10	000300-57-2	72
3	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	72
4	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	60
5	Benzene, cyclopropyl-	118	C9H10	000873-49-4	59





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Sample : Q3108-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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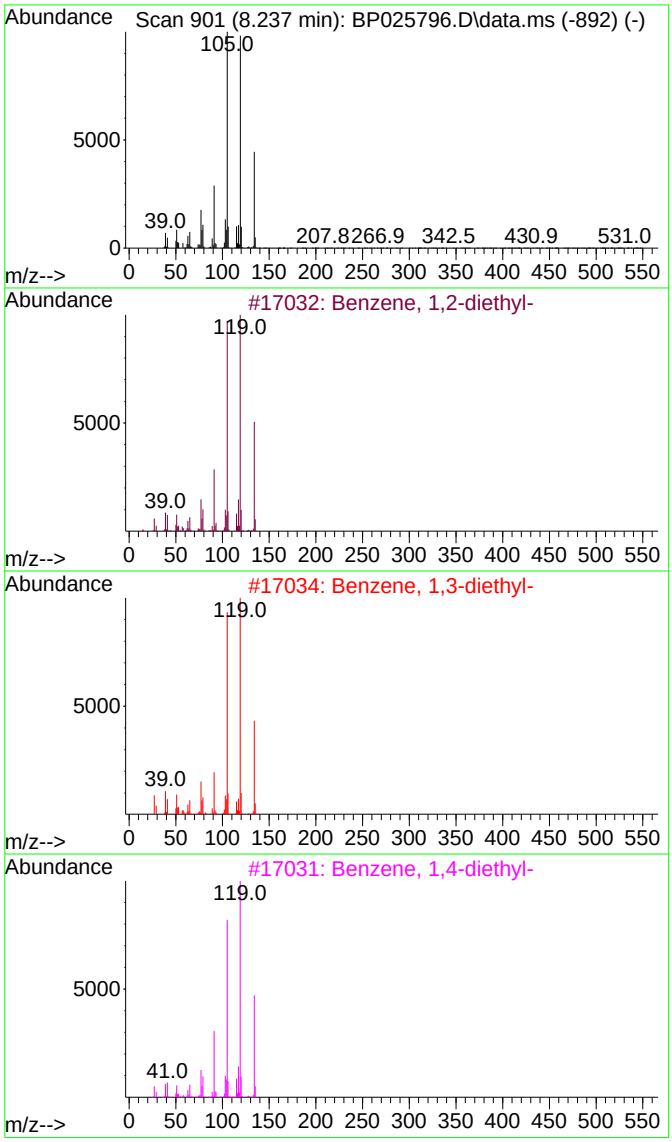
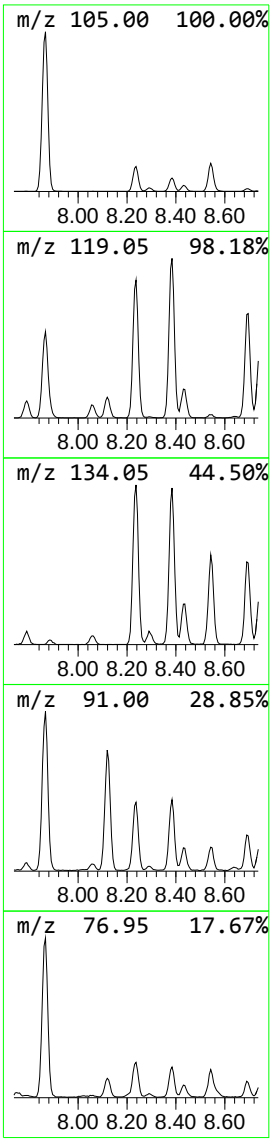
Peak Number 9 Benzene, 1,2-diethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.237	19.02 ng	969062	1,4-Dichlorobenzene-d4	7.749

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	96
2	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	96
3	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	95
4	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91
5	1,3,8-p-Menthatriene	134	C10H14	018368-95-1	83





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Sample : Q3108-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW2

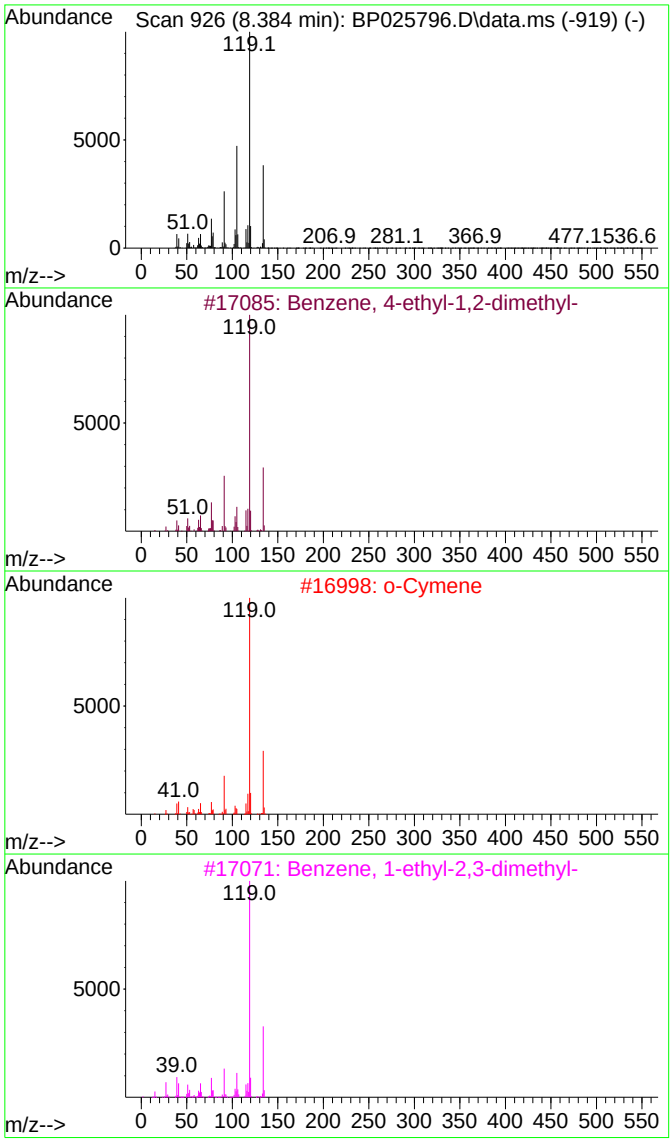
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

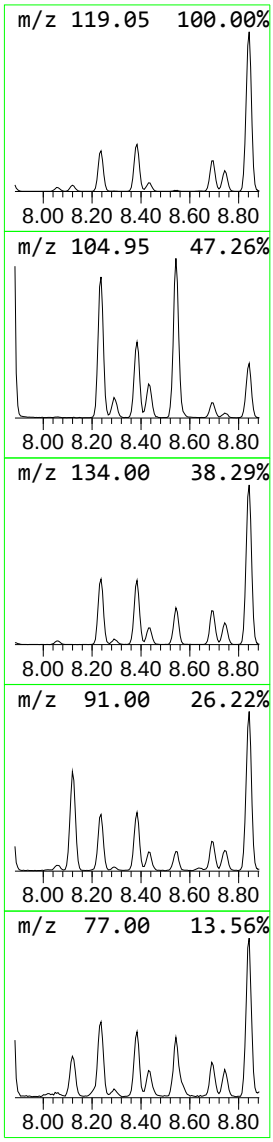
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.384	17.30 ng	881504	1,4-Dichlorobenzene-d4	7.749

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95
2	o-Cymene	134	C10H14	000527-84-4	94
3	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	94
4	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91
5	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	91





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Acq On : 19 Sep 2025 13:01
Operator : CG/JU
Sample : Q3108-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

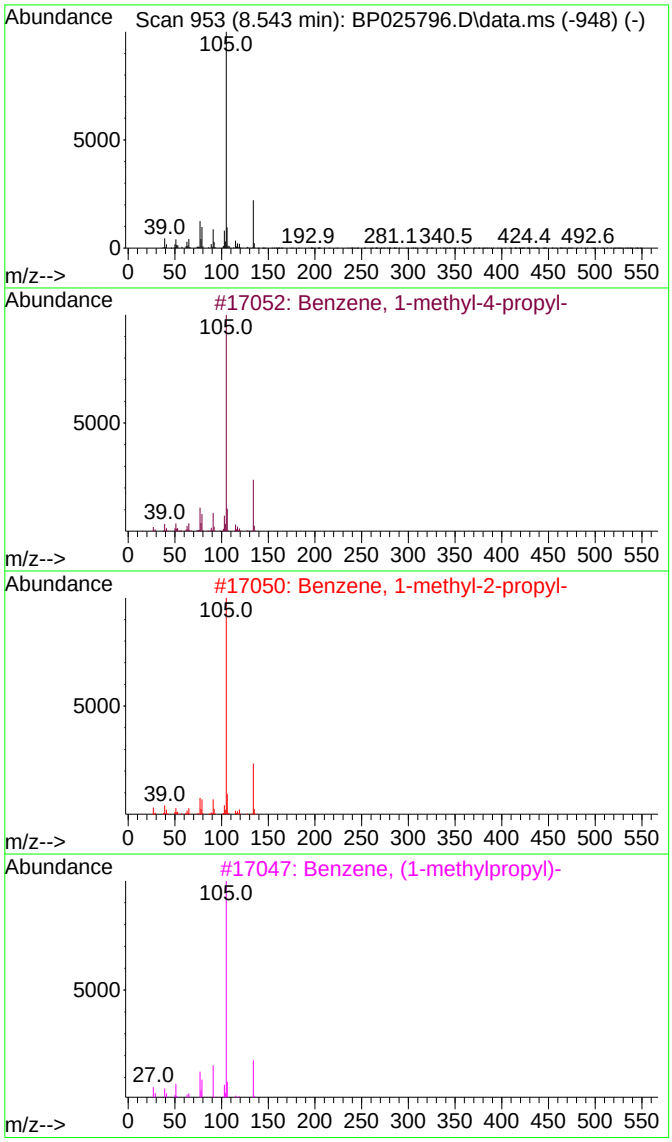
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

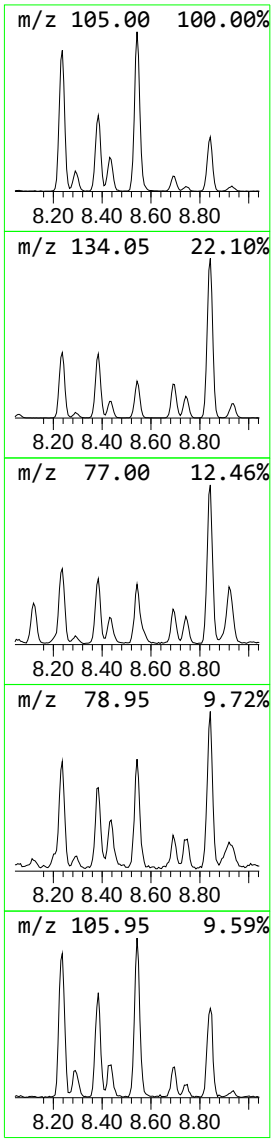
****

Peak Number 11 Benzene, 1-methyl-4-propyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.543	10.91 ng	555593	1,4-Dichlorobenzene-d4	7.749

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	95
2	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	91
3	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	91
4	Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	87
5	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	86





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Sample : Q3108-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW2

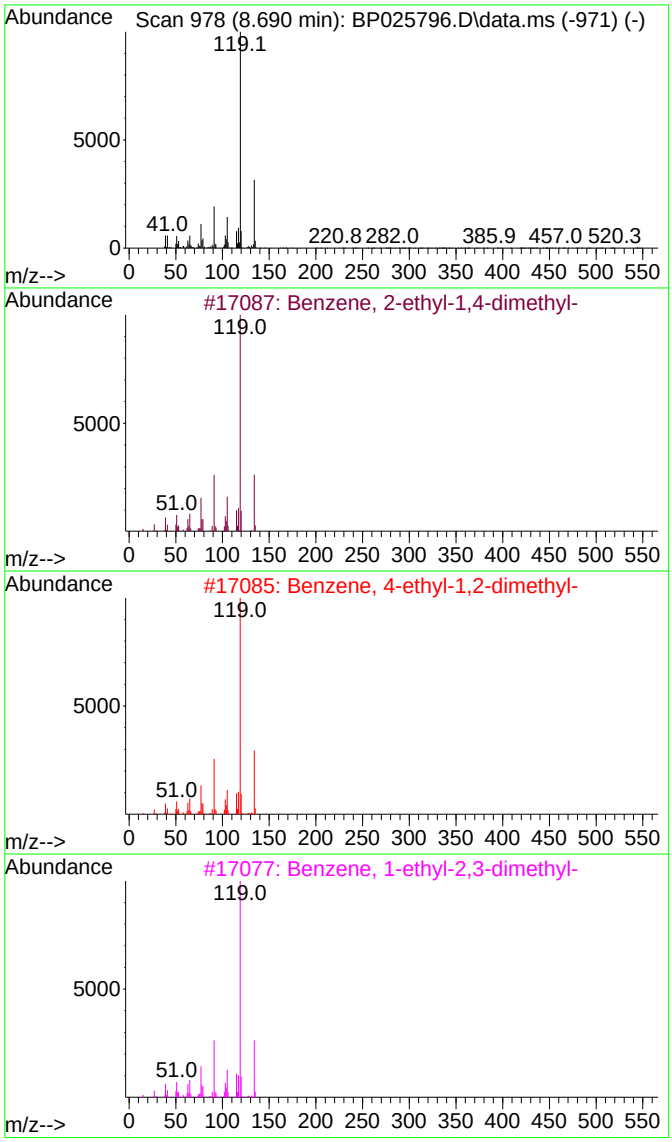
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

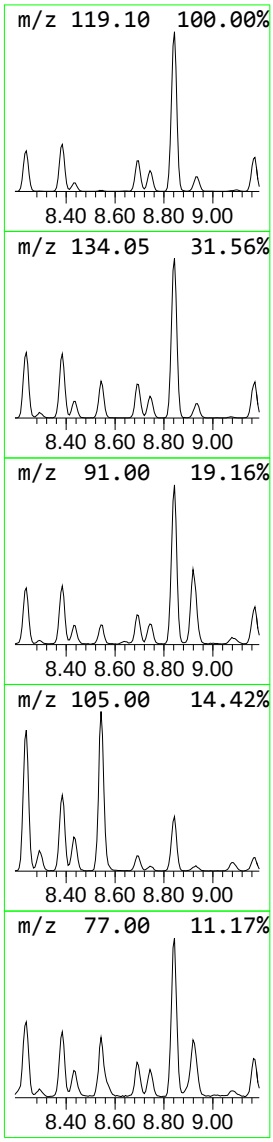
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.690	9.02 ng	459590	1,4-Dichlorobenzene-d4	7.749

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	96
2	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	96
3	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95
4	o-Cymene	134	C10H14	000527-84-4	94
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	93





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Operator : CG/JU
Sample : Q3108-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

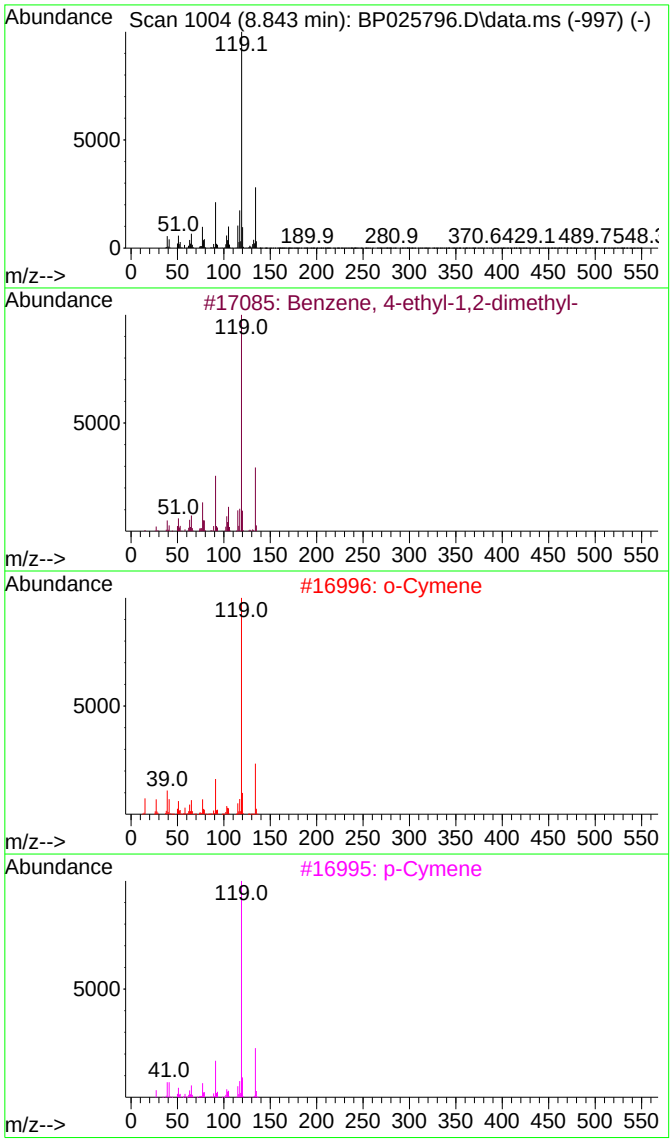
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

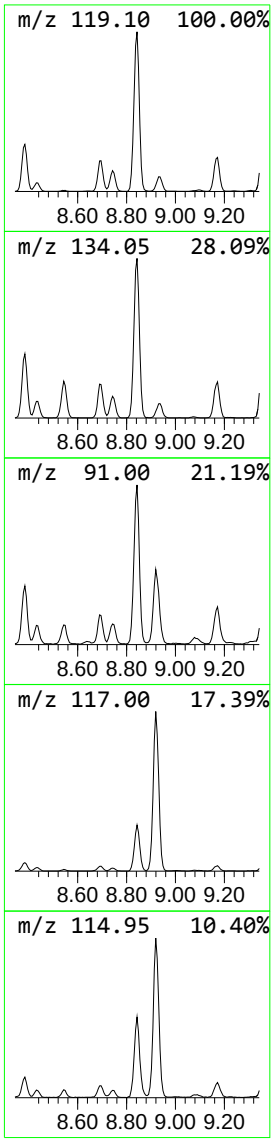
****

Peak Number 13 o-Cymene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.843	46.81 ng	2384290	1,4-Dichlorobenzene-d4	7.749

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	94
2	o-Cymene	134	C10H14	000527-84-4	94
3	p-Cymene	134	C10H14	000099-87-6	94
4	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	93
5	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	93





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Acq On : 19 Sep 2025 13:01
Operator : CG/JU
Sample : Q3108-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW2

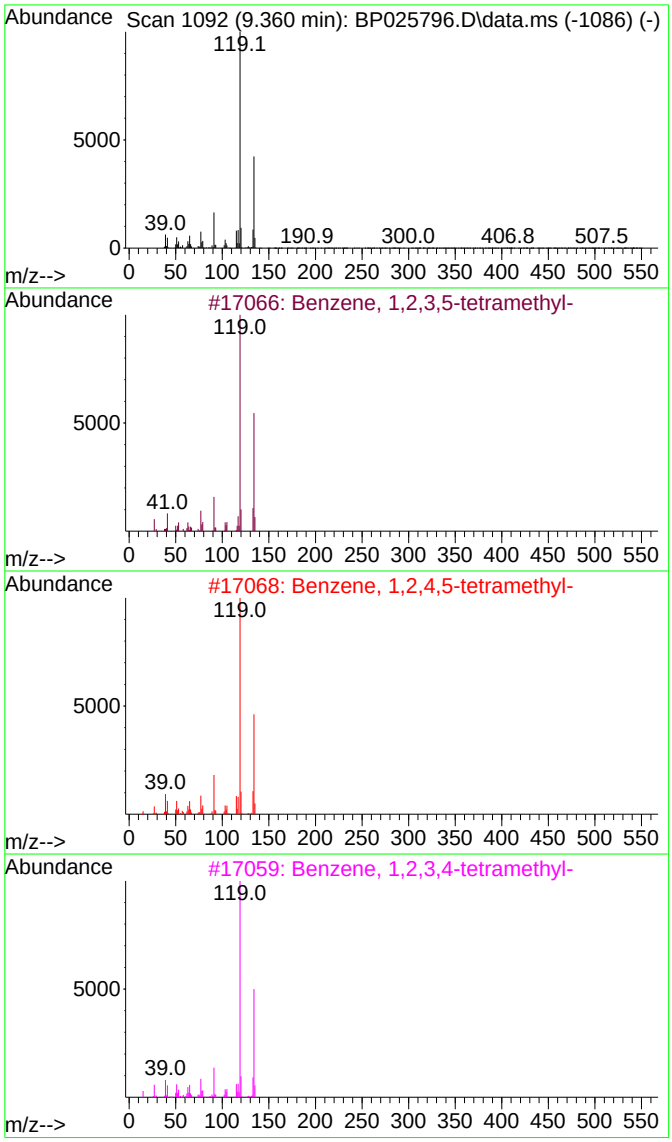
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

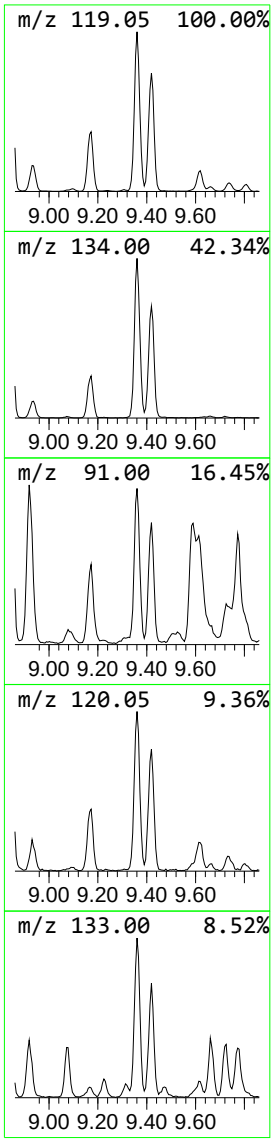
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Benzene, 1,2,3,5-tetramethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.360	12.97 ng	1185910	Naphthalene-d8	10.519

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	97
2	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
3	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95
4	o-Cymene	134	C10H14	000527-84-4	95
5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	94





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Sample : Q3108-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW2

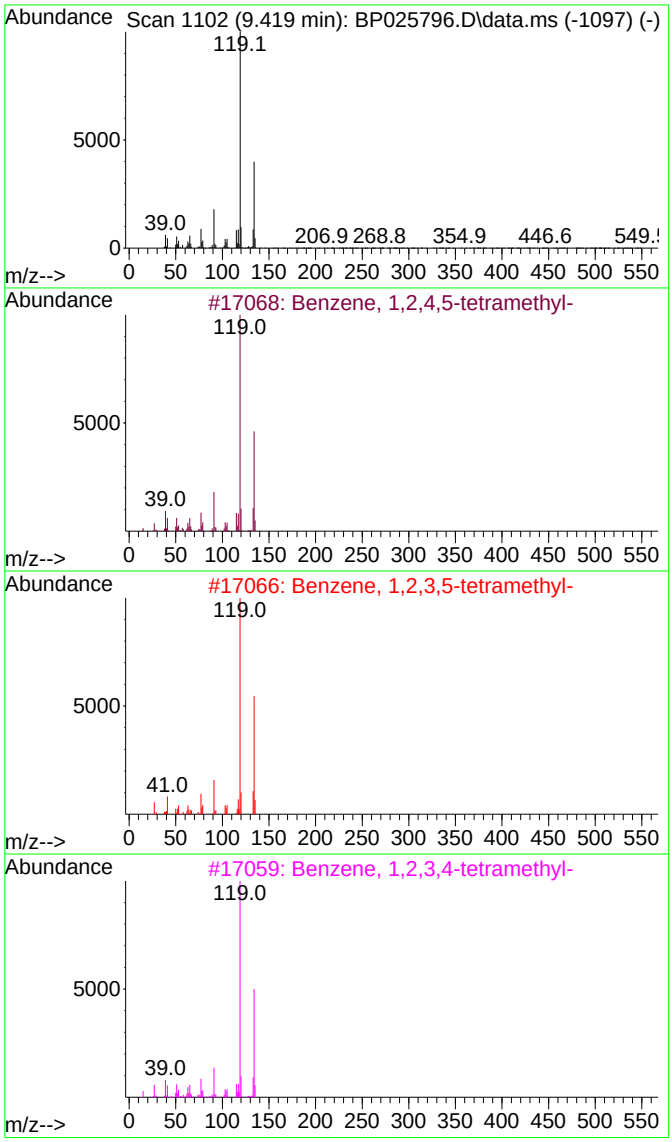
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

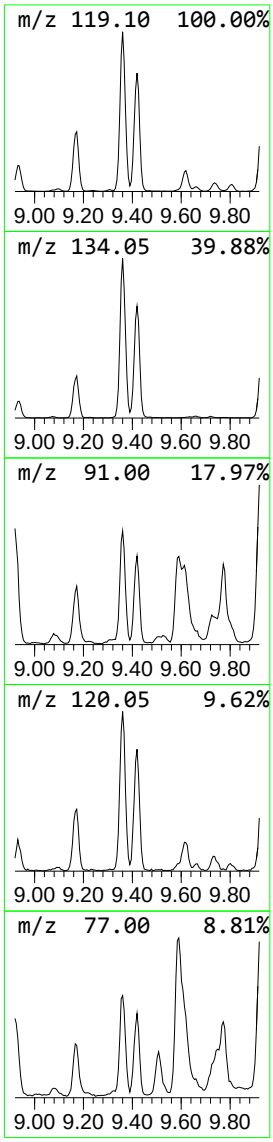
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.419	10.07 ng	920831	Naphthalene-d8	10.519

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97
2	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95
3	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95
4	o-Cymene	134	C10H14	000527-84-4	95
5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91





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ALS Vial : 6 Sample Multiplier: 1

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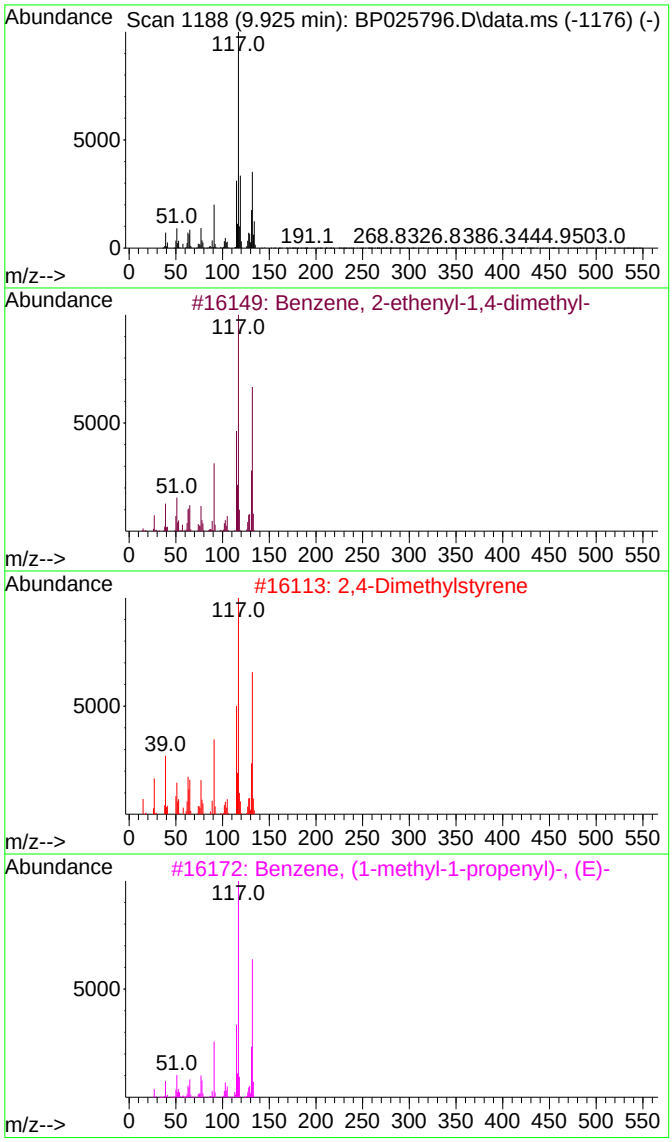
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

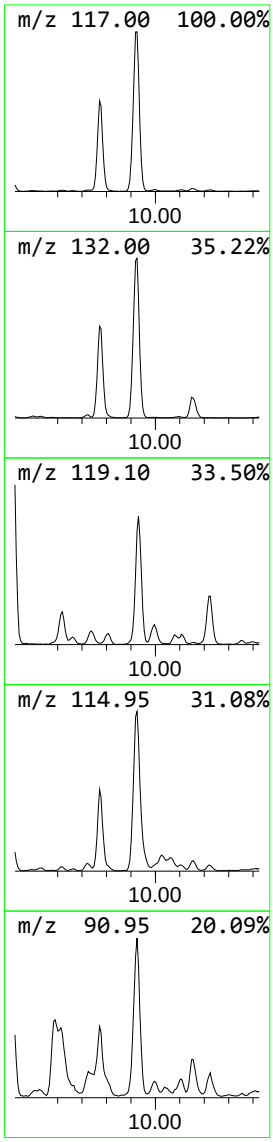
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.925	32.58 ng	2978540	Naphthalene-d8	10.519

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	95
2	2,4-Dimethylstyrene	132	C10H12	002234-20-0	90
3	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	87
4	Benzene, 2-butenyl-	132	C10H12	001560-06-1	87
5	1-Phenyl-1-butene	132	C10H12	000824-90-8	83





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Operator : CG/JU
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Misc :
ALS Vial : 6 Sample Multiplier: 1

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BNA_P
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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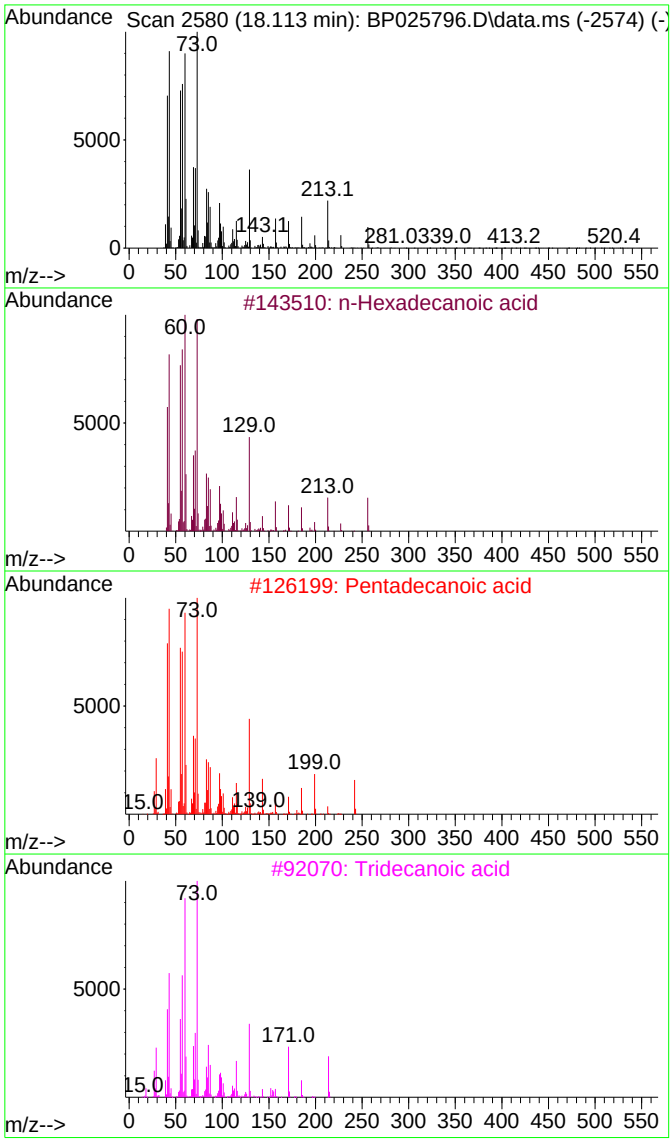
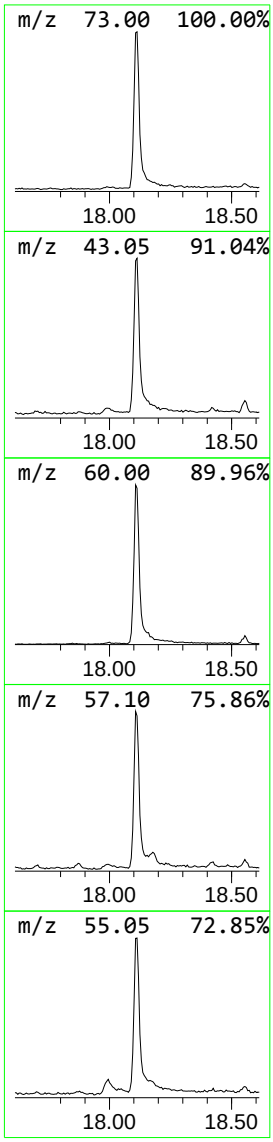
Peak Number 19 n-Hexadecanoic acid Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.113	11.35 ng	1211280	Phenanthrene-d10	17.178

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	91
3	Tridecanoic acid	214	C13H26O2	000638-53-9	81
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	68
5	n-Decanoic acid	172	C10H20O2	000334-48-5	53





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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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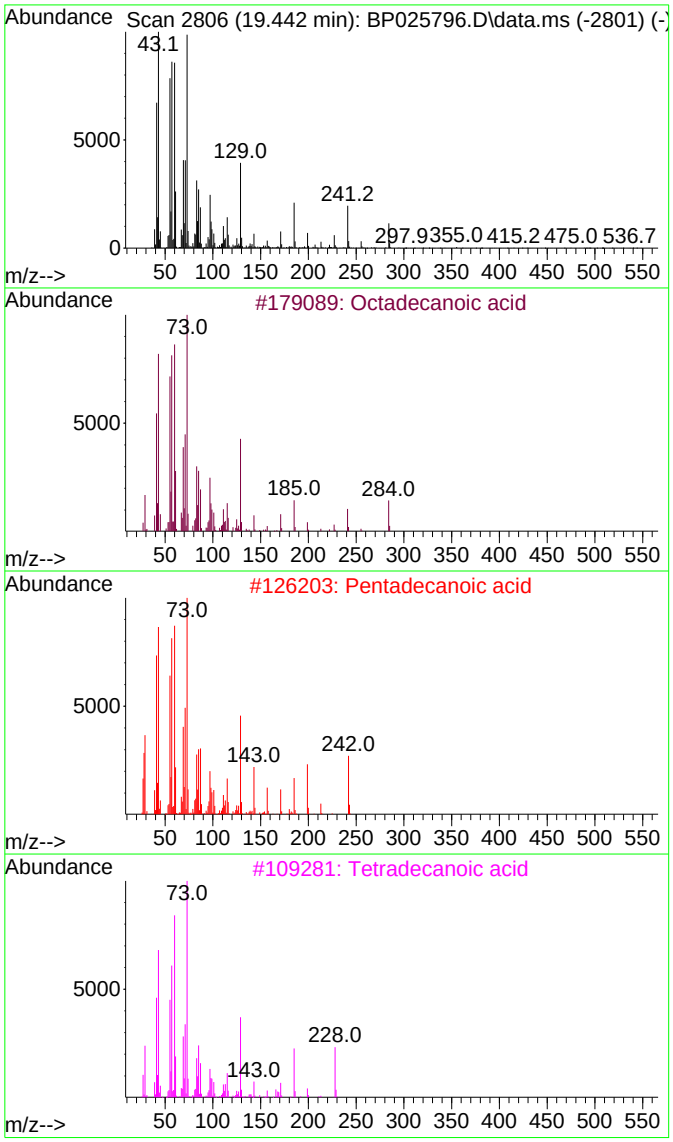
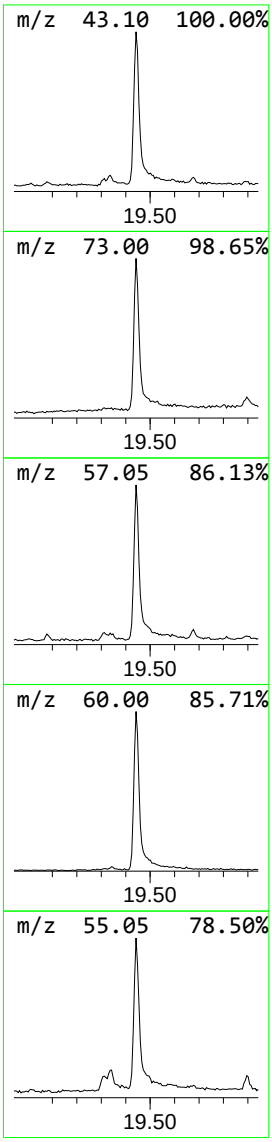
Peak Number 20 Octadecanoic acid Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.442	9.40 ng	1133560	Chrysene-d12	21.624

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	74
4	Dodecanoic acid	200	C12H24O2	000143-07-7	59
5	n-Decanoic acid	172	C10H20O2	000334-48-5	58





Tentatively Identified Compound (LSC) summary

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Data File : BP025796.D
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Operator : CG/JU
Sample : Q3108-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.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
Benzene, 1,3-di...	5.455	108.4	ng	5520310	1	7.749	1018810	20.0
unknown5.802	5.802	75.1	ng	3823980	1	7.749	1018810	20.0
Benzene, 1-ethy...	6.855	11.7	ng	597205	1	7.749	1018810	20.0
Benzene, 1-ethy...	7.149	75.2	ng	3830820	1	7.749	1018810	20.0
Benzene, 1,2,3-...	7.408	20.2	ng	1028050	1	7.749	1018810	20.0
Benzene, 1,2,4-...	7.866	74.0	ng	3770560	1	7.749	1018810	20.0
Indane	8.119	37.2	ng	1894320	1	7.749	1018810	20.0
Benzene, 1,2-di...	8.237	19.0	ng	969062	1	7.749	1018810	20.0
Benzene, 4-ethy...	8.384	17.3	ng	881504	1	7.749	1018810	20.0
Benzene, 1-meth...	8.543	10.9	ng	555593	1	7.749	1018810	20.0
Benzene, 2-ethy...	8.690	9.0	ng	459590	1	7.749	1018810	20.0
o-Cymene	8.843	46.8	ng	2384290	1	7.749	1018810	20.0
Benzene, 1,2,3,...	9.360	13.0	ng	1185910	2	10.519	1828520	20.0
Benzene, 1,2,4,...	9.419	10.1	ng	920831	2	10.519	1828520	20.0
Benzene, 2-ethe...	9.925	32.6	ng	2978540	2	10.519	1828520	20.0
n-Hexadecanoic ...	18.113	11.4	ng	1211280	4	17.178	2134180	20.0
Octadecanoic acid	19.442	9.4	ng	1133560	5	21.624	2412170	20.0