LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110421\
Data File : BM032874.D
Acq On : 04 Nov 2021 14:36
Operator : CG/JU
Sample : M4438-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
FDR-20211101-WC-L

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-BM110221.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM032874.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.555	117	122	127	rBV3	70870	108523	1.23%	0.079%
2	4.807	330	335	342	rBV	76834	114604	1.30%	0.084%
3	5.078	375	381	395	rBV	923315	1598117	18.11%	1.167%
4	6.690	645	655	661	rBV2	79557	157632	1.79%	0.115%
5	6.772	661	669	693	rVB	247076	1022037	11.58%	0.746%
6	7.095	718	724	732	rVB	348420	538706	6.10%	0.393%
7	7.490	785	791	796	rVB	427641	655421	7.43%	0.478%
8	7.584	802	807	813	rVB	119334	194717	2.21%	0.142%
9	7.766	829	838	847	rBV	3176191	6189392	70.13%	4.518%
10	7.842	847	851	860	rVB2	141275	245697	2.78%	0.179%
11	7.931	860	866	869	rBV5	60991	152718	1.73%	0.111%
12	7.966	869	872	881	rVB	101792	176226	2.00%	0.129%
13	8.313	927	931	939	rVB5	61638	112384	1.27%	0.082%
14	8.584	970	977	981	rBV2	407933	740686	8.39%	0.541%
15	8.642	981	987	991	rBV	1282957	1989868	22.55%	1.453%
16	8.748	998	1005	1011	rVB	667519	1162335	13.17%	0.849%
17	8.831	1011	1019	1023	rBV3	95389	226115	2.56%	0.165%
18	8.913	1028	1033	1038	rVB4	96101	187525	2.12%	0.137%
19	9.001	1045	1048	1053	rVB2	74683	113533	1.29%	0.083%
20	9.084	1058	1062	1066	rVB3	75231	104887	1.19%	0.077%
21	9.172	1066	1077	1079	rBV5	97968	223337	2.53%	0.163%
22	9.207	1080	1083	1089	rVV4	118762	217776	2.47%	0.159%
23	9.272	1090	1094	1106	rVB8	81498	252461	2.86%	0.184%
24	9.366	1106	1110	1116	rBV4	65695	145753	1.65%	0.106%
25	9.507	1130	1134	1139	rBV4	135471	268318	3.04%	0.196%
26	9.584	1143	1147	1155	rVB3	150853	279560	3.17%	0.204%
27	9.689	1161	1165	1169	rVB2	90151	126059	1.43%	0.092%
28	9.736	1169	1173	1178	rVB4	61592	110846	1.26%	0.081%
29	9.842	1186	1191	1196	rBV	178812	284640	3.23%	0.208%
30	9.942	1203	1208	1209	rBV2	98376	147215	1.67%	0.107%
31	9.978	1210	1214	1219	rVB	383022	587871	6.66%	0.429%
32	10.060	1224	1228	1233	rVB2	181515	268892	3.05%	0.196%
33	10.272	1258	1264	1270	rVB	559502	915460	10.37%	0.668%
34	10.489	1297	1301	1303	rBV2	98132	141015	1.60%	0.103%
35	10.601	1313	1320	1325	rBV3	129283	377037	4.27%	0.275%
36	10.672	1326	1332	1340	rVB3	246307	635214	7.20%	0.464%

LSC Area Percent Report

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Misc :
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ClientSampleId :
FDR-20211101-WC-L

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

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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	10.760	1341	1347	1351	rBV	272196	517583	5.86%	0.378%
38	10.925	1371	1375	1381	rBV3	132878	260709	2.95%	0.190%
39	11.201	1415	1422	1428	rBV5	351009	897391	10.17%	0.655%
40	11.278	1431	1435	1440	rBV2	236352	462836	5.24%	0.338%
41	11.336	1442	1445	1450	rVV	238694	376964	4.27%	0.275%
42	11.436	1459	1462	1465	rBV2	214670	270814	3.07%	0.198%
43	11.536	1474	1479	1483	rBV	1599242	2510398	28.44%	1.833%
44	11.678	1496	1503	1506	rBV4	537837	1336215	15.14%	0.975%
45	11.836	1526	1530	1534	rVB3	439975	662368	7.50%	0.484%
46	11.901	1536	1541	1544	rBV3	657825	1341572	15.20%	0.979%
47	12.072	1566	1570	1571	rBV	371736	497227	5.63%	0.363%
48	12.466	1634	1637	1642	rVB3	984794	1692038	19.17%	1.235%
49	12.519	1643	1646	1652	rBV3	427657	976333	11.06%	0.713%
50	12.583	1652	1657	1661	rBV2	1536065	2814860	31.89%	2.055%
51	12.766	1684	1688	1692	rVB	2855857	4194802	47.53%	3.062%
52	13.119	1745	1748	1752	rBV2	641653	810759	9.19%	0.592%
53	13.201	1757	1762	1763	rBV2	1430542	2124362	24.07%	1.551%
54	13.319	1779	1782	1786	rVB3	1221903	1575037	17.85%	1.150%
55	13.419	1797	1799	1803	rVB3	485452	518387	5.87%	0.378%
56	13.636	1831	1836	1840	rBV3	1192383	2388905	27.07%	1.744%
57	13.936	1883	1887	1893	rBV3	886836	1412173	16.00%	1.031%
58	14.213	1930	1934	1940	rBV2	727876	1368253	15.50%	0.999%
59	14.342	1953	1956	1959	rVB2	1028762	1210453	13.71%	0.884%
60	14.577	1993	1996	2000	rBV3	682640	992173	11.24%	0.724%
61	15.130	2084	2090	2095	rBV2	2115738	4474878	50.70%	3.267%
62	15.207	2100	2103	2115	rVB3	2365491	5534992	62.71%	4.041%
63	15.448	2139	2144	2147	rBV	2765513	5415978	61.36%	3.954%
64	15.513	2151	2155	2159	rBV3	2348816	3834915	43.45%	2.800%
65	15.589	2164	2168	2172	rBV	3302587	5231321	59.27%	3.819%
66	15.630	2172	2175	2181	rVV2	2440730	4966897	56.28%	3.626%
67	15.701	2185	2187	2191	rVB	2342083	2803526	31.76%	2.047%
68	15.801	2200	2204	2208	rVB	3873393	5410344	61.30%	3.950%
69	15.965	2229	2232	2235	rVB	3019908	3636134	41.20%	2.654%
70	16.077	2246	2251	2259	rVB	4495391	8825879	100.00%	6.443%
71	16.148	2260	2263	2266	rBV2	2199556	3154042	35.74%	2.302%
72	16.565	2330	2334	2340	rVB2	2414677	4237642	48.01%	3.093%
73	16.665	2347	2351	2358	rBV	2864947	6415223	72.69%	4.683%
74	16.812	2373	2376	2378	rBV	2362347	3357542	38.04%	2.451%
75	16.989	2403	2406	2412	rVB3	2325163	3800790	43.06%	2.775%
76	17.295	2454	2458	2463	rBV2	3200402	5805542	65.78%	4.238%

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Misc :
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Instrument :
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ClientSampleId :
FDR-20211101-WC-L

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

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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	17.448	2478	2484	2490	rBV2	3099577	8094845	91.72%	5.909%

Sum of corrected areas: 136985679

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Instrument :
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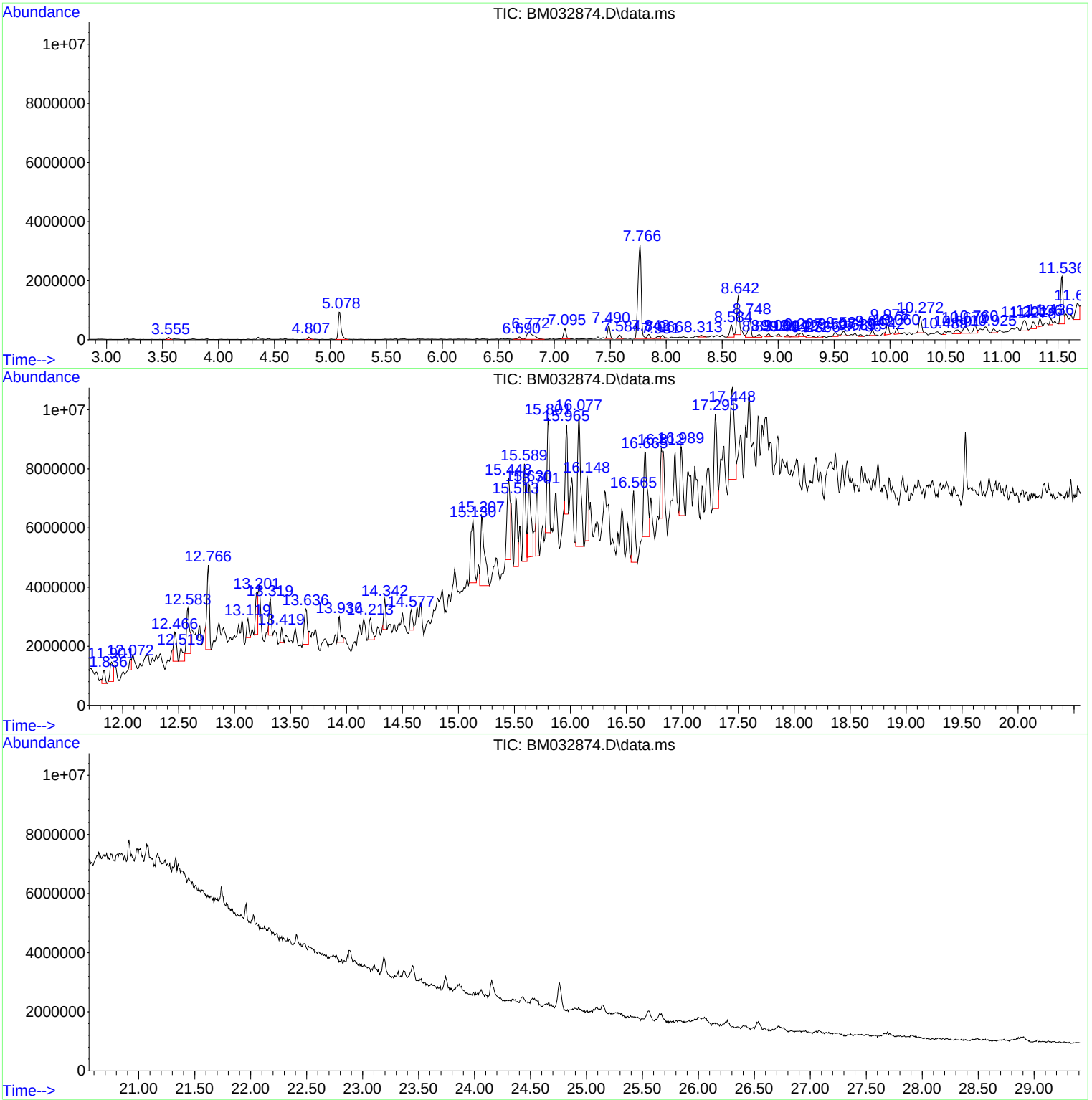
ClientSampleId :
FDR-20211101-WC-L

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM110221.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\BM110421\
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Acq On : 04 Nov 2021 14:36
Operator : CG/JU
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Instrument :
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ClientSampleId :
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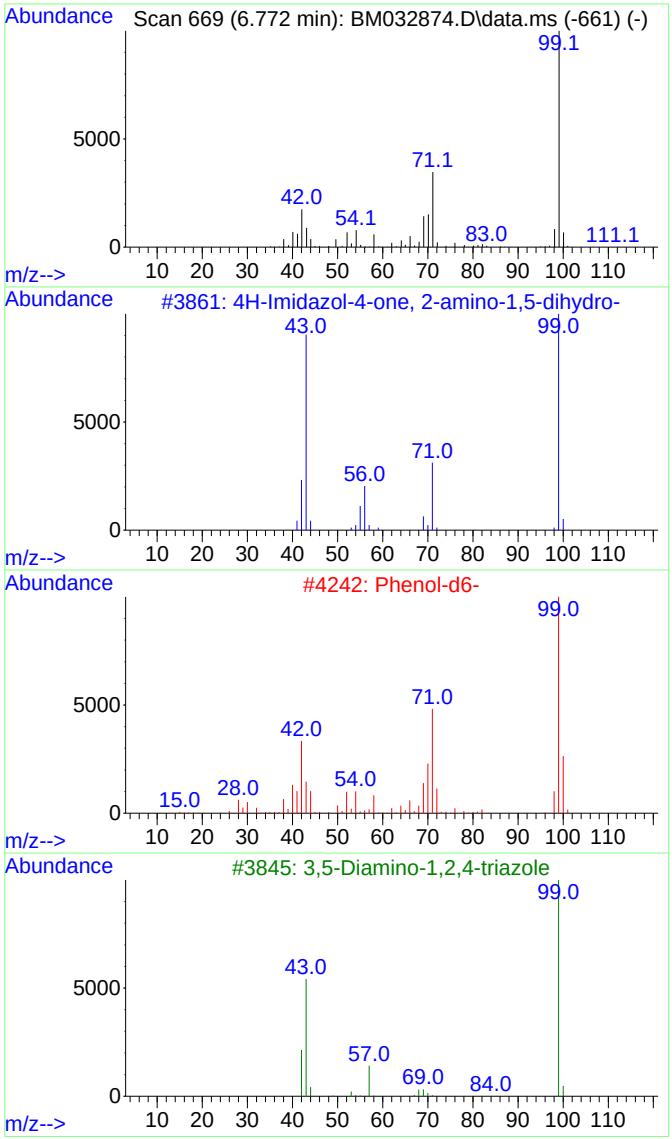
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM110221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

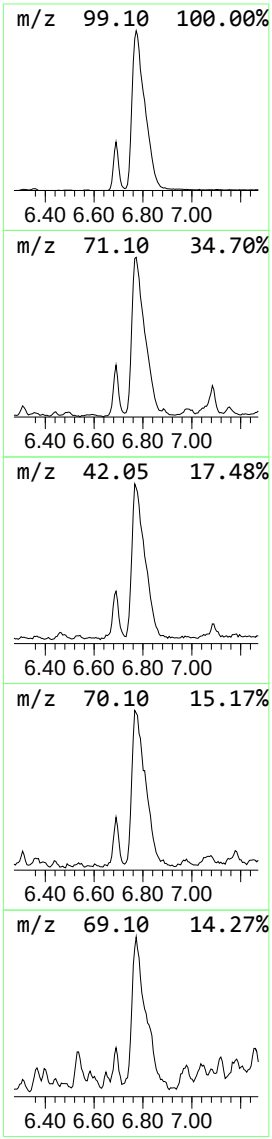
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 4H-Imidazol-4-one, 2-amino-... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.772	31.19 ng	1022040	1,4-Dichlorobenzene-d4	7.490

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Imidazol-4-one, 2-amino-1,5-d...	99	C3H5N3O	000503-86-6	64
2	Phenol-d6-	100	C6D6O	013127-88-3	64
3	3,5-Diamino-1,2,4-triazole	99	C2H5N5	001455-77-2	50
4	Hexanoic acid, anhydride	214	C12H22O3	002051-49-2	50
5	Dihydropyrimidine-4,6-dione, 5-[...	373	C18H23N5O2S	1000304-28-2	40





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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM110221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

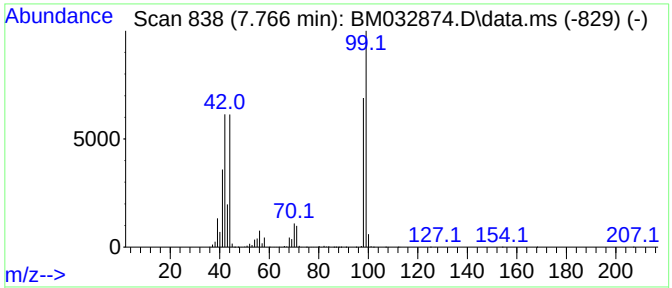
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

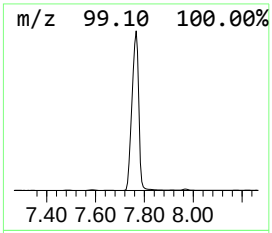
****

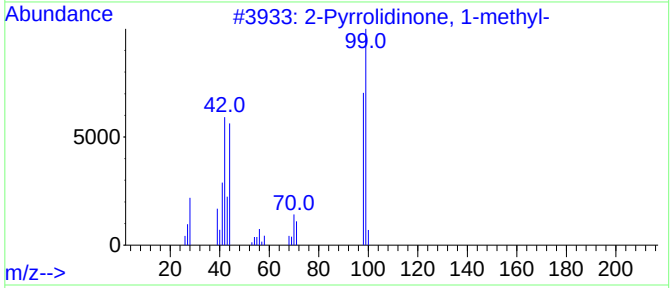
Peak Number 2 2-Pyrrolidinone, 1-methyl- Concentration Rank 1

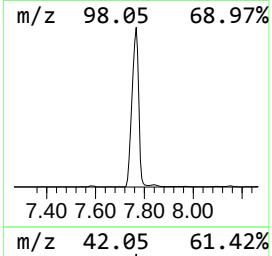
R.T.	EstConc	Area	Relative to ISTD	R.T.
7.766	188.87 ng	6189390	1,4-Dichlorobenzene-d4	7.490

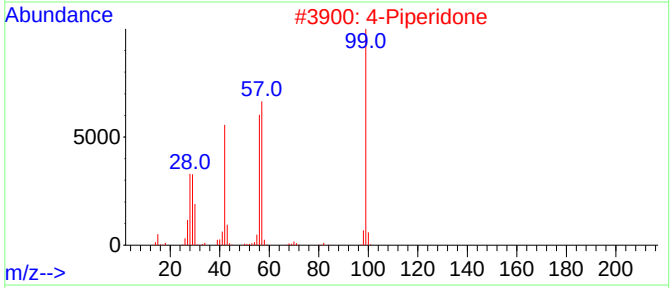
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pyrrolidinone, 1-methyl-	99	C5H9NO	000872-50-4	95
2	4-Piperidone	99	C5H9NO	041661-47-6	37
3	5-Amino-3-methyl-1,2,4-oxadiazole	99	C3H5N3O	003663-39-6	37
4	2-Piperidinone	99	C5H9NO	000675-20-7	37
5	Allyl Isothiocyanate	99	C4H5NS	000057-06-7	32

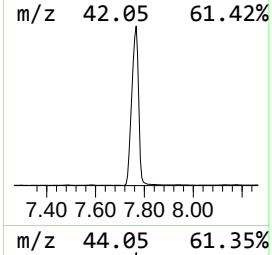


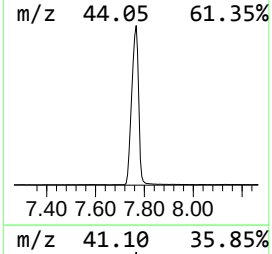


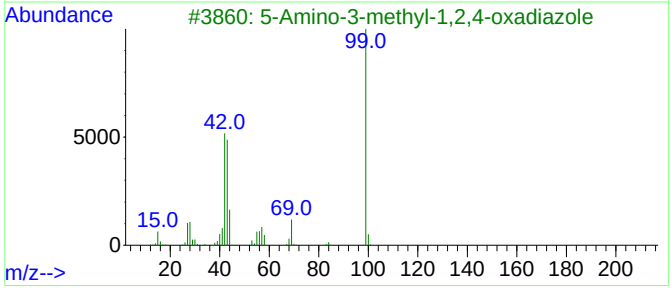


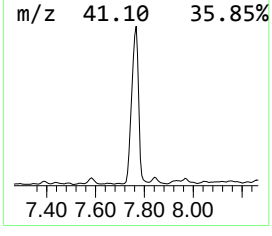












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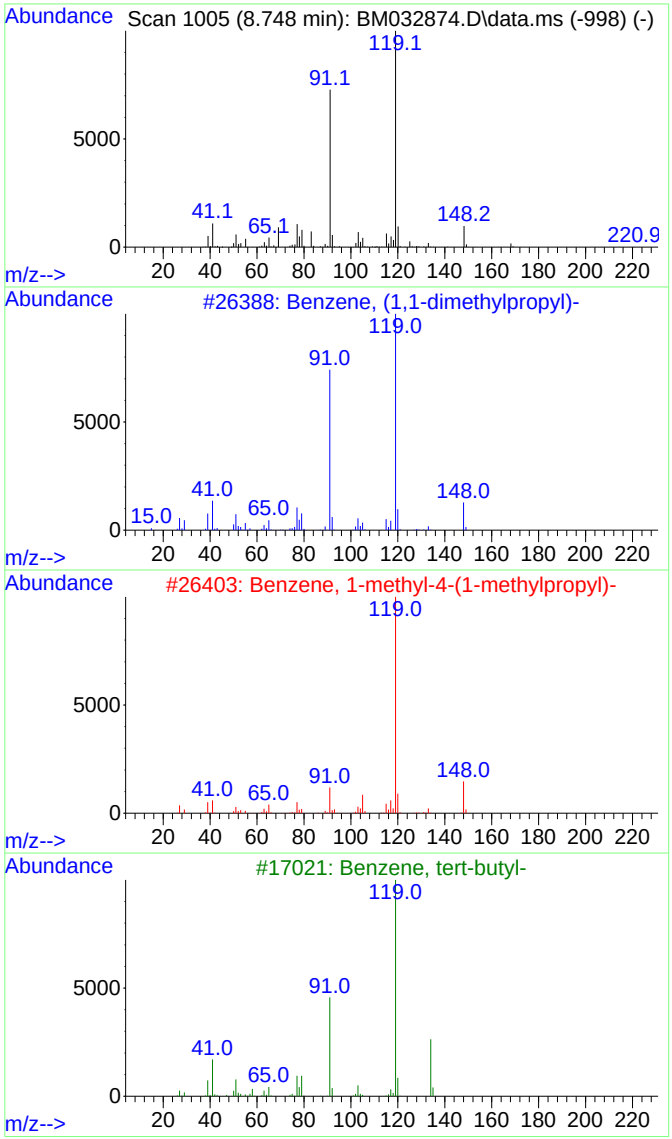
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

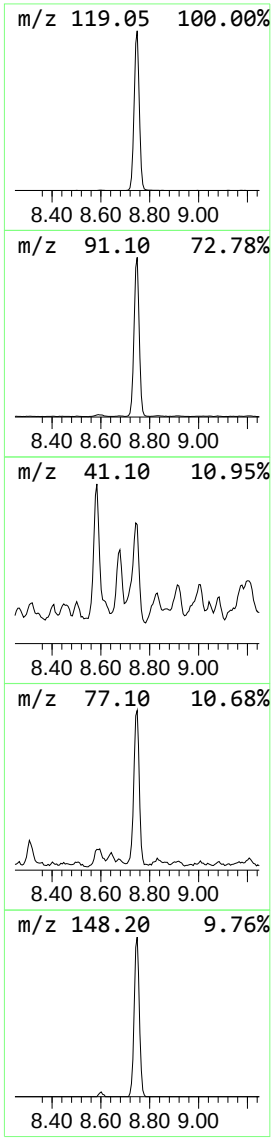
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Benzene, (1,1-dimethylpropyl)- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.748	35.47 ng	1162340	1,4-Dichlorobenzene-d4	7.490

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	95
2	Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	80
3	Benzene, tert-butyl-	134	C10H14	000098-06-6	72
4	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	64
5	p-Menthane, 2,3-dibromo-8-phenyl-	372	C16H22Br2	1000152-61-6	64





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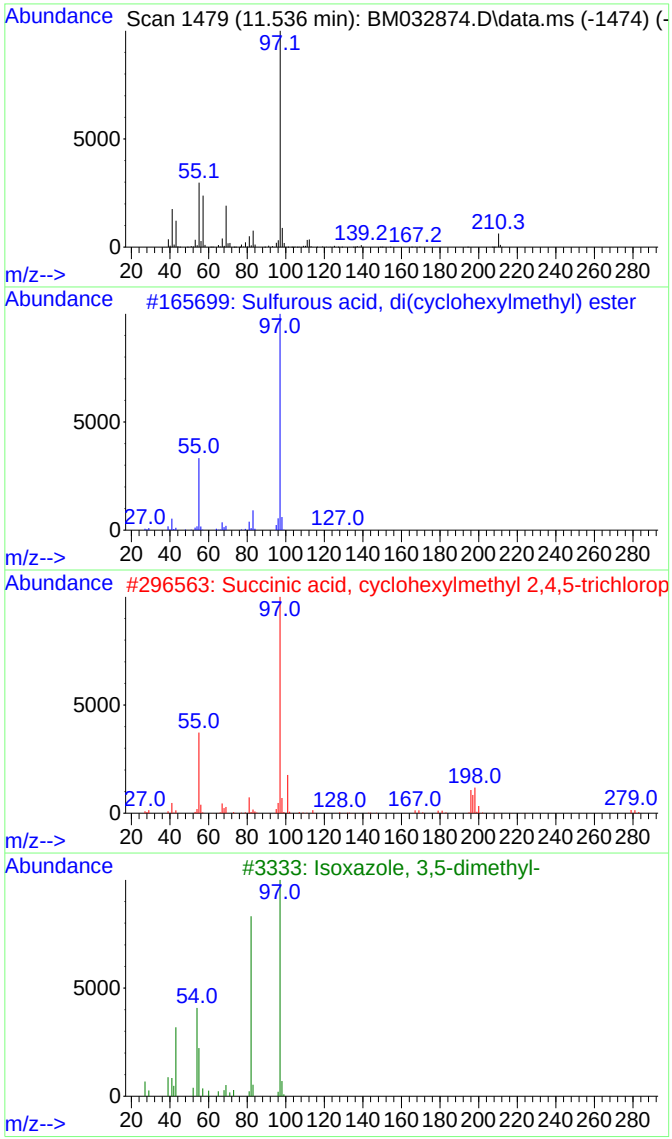
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

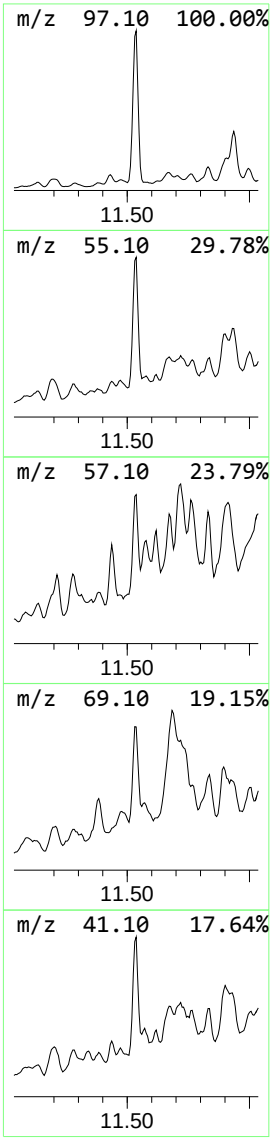
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Sulfurous acid, di(cyclohex... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.536	54.84 ng	2510400	Naphthalene-d8	10.272

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfurous acid, di(cyclohexylmet...	274	C14H26O3S	1010309-22-7	64
2	Succinic acid, cyclohexylmethyl ...	392	C17H19Cl3O4	1000389-96-9	64
3	Isoxazole, 3,5-dimethyl-	97	C5H7NO	000300-87-8	64
4	Sulfurous acid, cyclohexylmethyl...	388	C22H44O3S	1000309-22-3	56
5	Bicyclo[3.3.1]nonan-1-ol	140	C9H16O	015158-56-2	56





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Data File : BM032874.D
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Misc :
ALS Vial : 9 Sample Multiplier: 1

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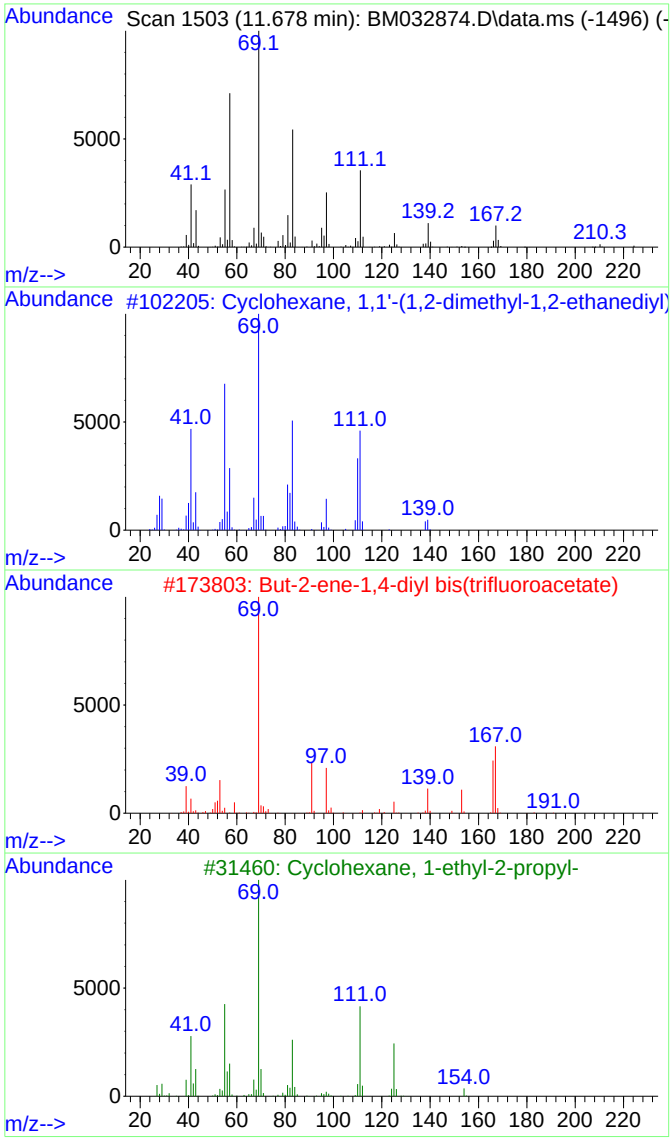
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM110221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

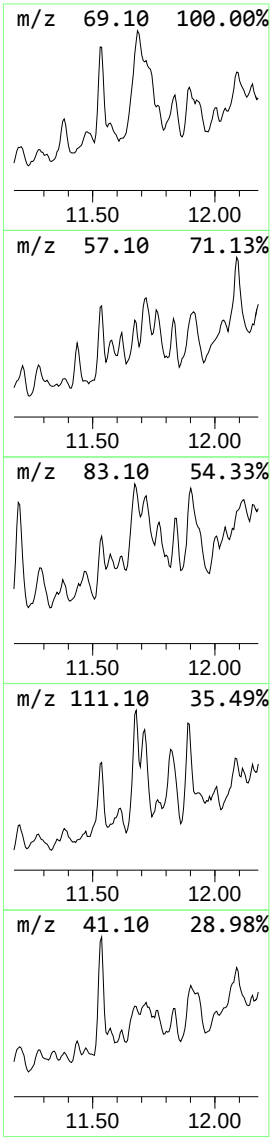
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Cyclohexane, 1,1'-(1,2-dime... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.678	29.19 ng	1336220	Naphthalene-d8	10.272

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1'-(1,2-dimethyl-...	222	C16H30	074663-71-1	64
2	But-2-ene-1,4-diyl bis(trifluoro...	280	C8H6F6O4	1000461-14-7	50
3	Cyclohexane, 1-ethyl-2-propyl-	154	C11H22	062238-33-9	47
4	Cyclooctane, butyl-	168	C12H24	016538-93-5	47
5	1-Pentyn-3-ol, 3-methyl-	98	C6H10O	000077-75-8	47





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Acq On : 04 Nov 2021 14:36
Operator : CG/JU
Sample : M4438-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
FDR-20211101-WC-L

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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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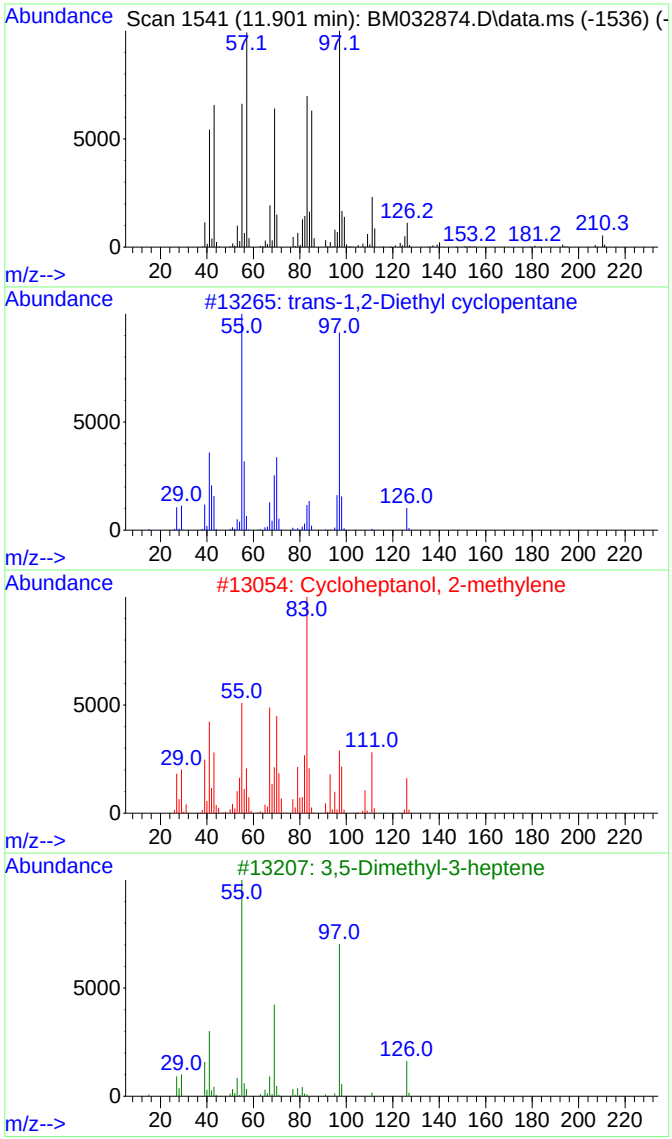
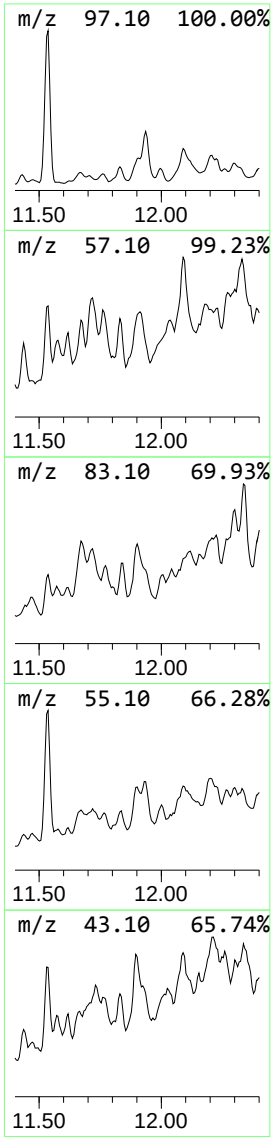
Peak Number 6 unknown11.901 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.901	29.31 ng	1341570	Naphthalene-d8	10.272

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	trans-1,2-Diethyl cyclopentane	126	C9H18	000932-40-1	46
2	Cycloheptanol, 2-methylene	126	C8H14O	016240-38-3	41
3	3,5-Dimethyl-3-heptene	126	C9H18	059643-68-4	27
4	Cyclopentane, 1,1'-ethylidenebis-	166	C12H22	004413-21-2	27
5	2-Pentene, 3-ethyl-4,4-dimethyl-	126	C9H18	053907-59-8	25





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ClientSampleId :
FDR-20211101-WC-L

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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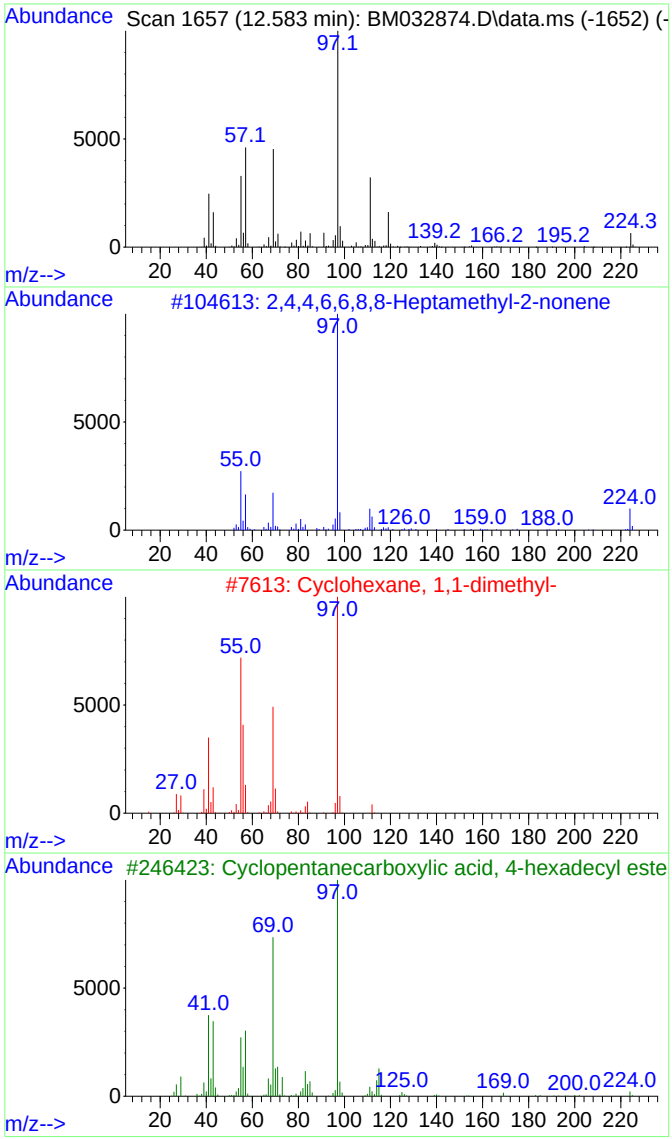
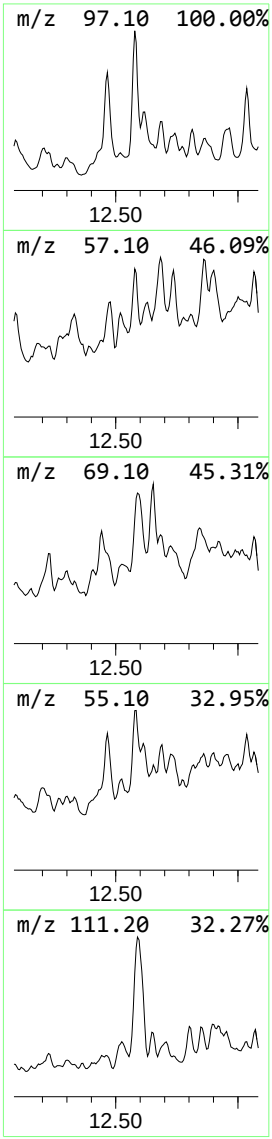
Peak Number 7 2,4,4,6,6,8,8-Heptamethyl-2... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.583	41.15 ng	2814860	Acenaphthene-d10	14.154

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,4,6,6,8,8-Heptamethyl-2-nonene	224	C16H32	039761-73-4	81
2	Cyclohexane, 1,1-dimethyl-	112	C8H16	000590-66-9	59
3	Cyclopentanecarboxylic acid, 4-h...	338	C22H42O2	1000282-77-5	59
4	Sulfurous acid, cyclohexylmethyl...	360	C20H40O3S	1000309-22-1	53
5	4-Propyl-2-hydroxycyclopent-2-en...	140	C8H12O2	082147-26-0	47





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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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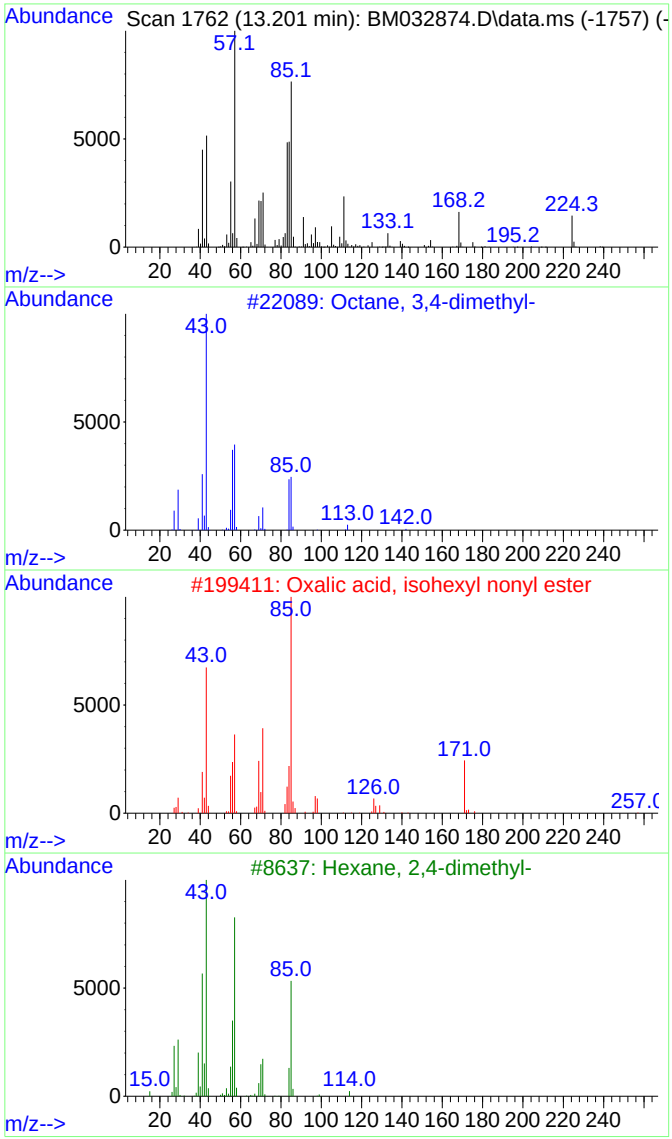
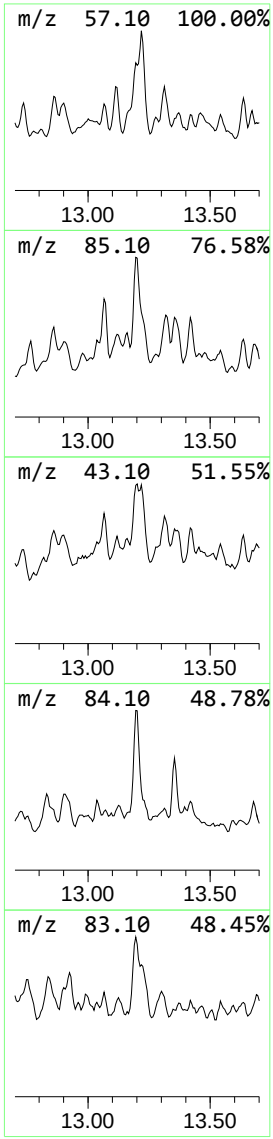
Peak Number 8 unknown13.201 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.201	31.05 ng	2124360	Acenaphthene-d10	14.154

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 3,4-dimethyl-	142	C10H22	015869-92-8	43
2	Oxalic acid, isohexyl nonyl ester	300	C17H32O4	1000309-33-2	38
3	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	37
4	Heptane, 2,4,6-trimethyl-	142	C10H22	002613-61-8	37
5	Pentane, 1-bromo-3-methyl-	164	C6H13Br	051116-73-5	35





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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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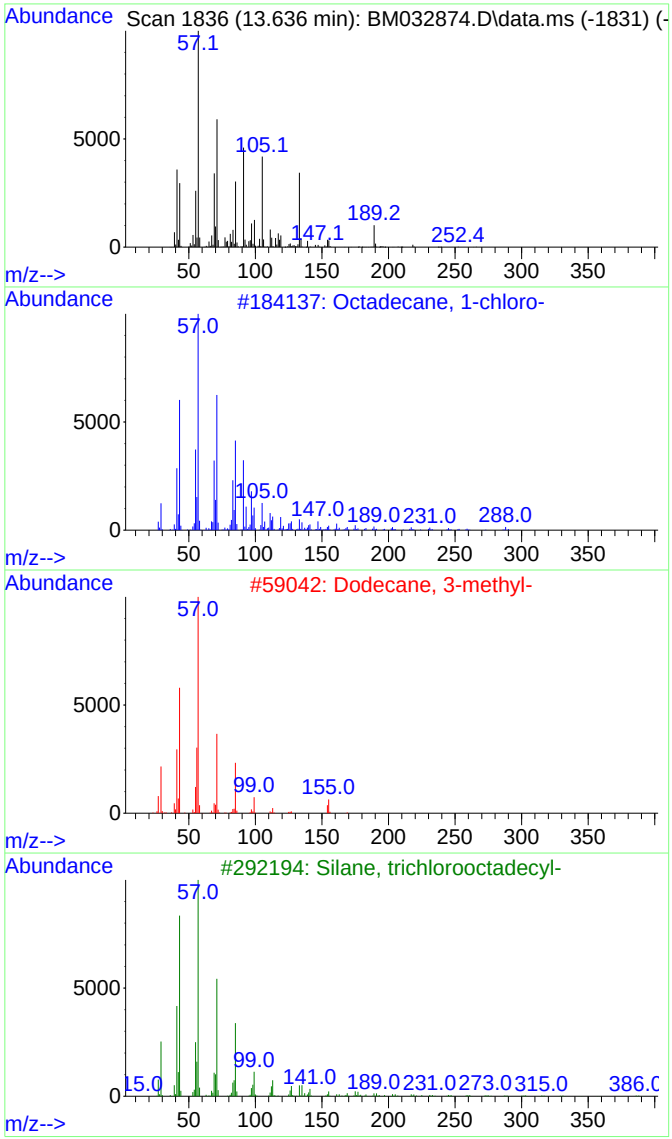
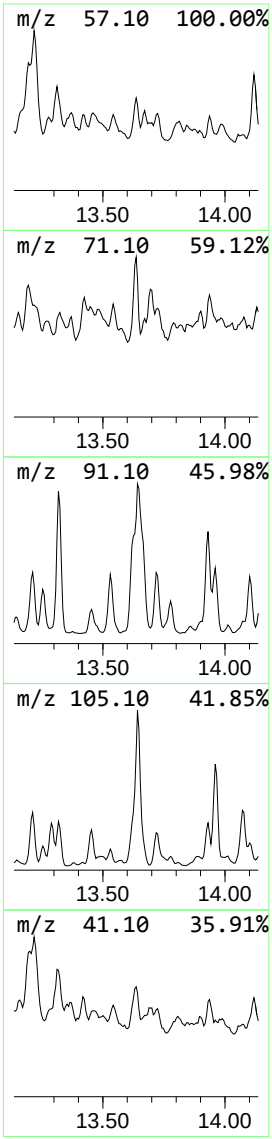
Peak Number 9 Octadecane, 1-chloro- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.636	34.92 ng	2388910	Acenaphthene-d10	14.154

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane, 1-chloro-	288	C18H37Cl	003386-33-2	59
2	Dodecane, 3-methyl-	184	C13H28	017312-57-1	50
3	Silane, trichlorooctadecyl-	386	C18H37Cl3Si	000112-04-9	47
4	Heptacosane	380	C27H56	000593-49-7	47
5	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	47





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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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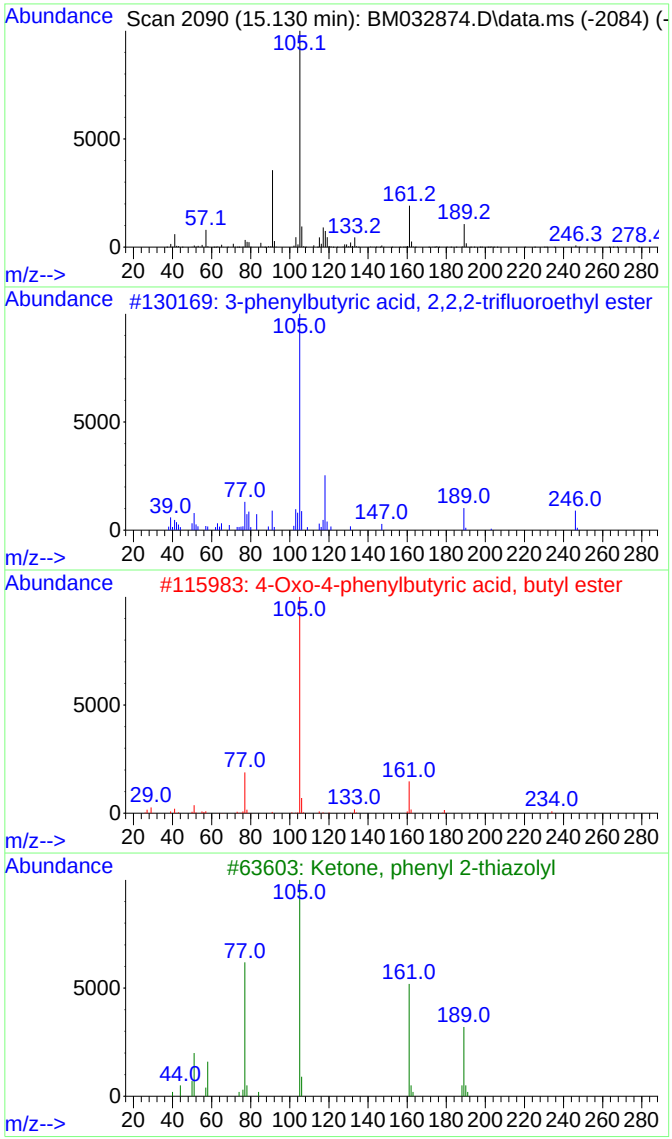
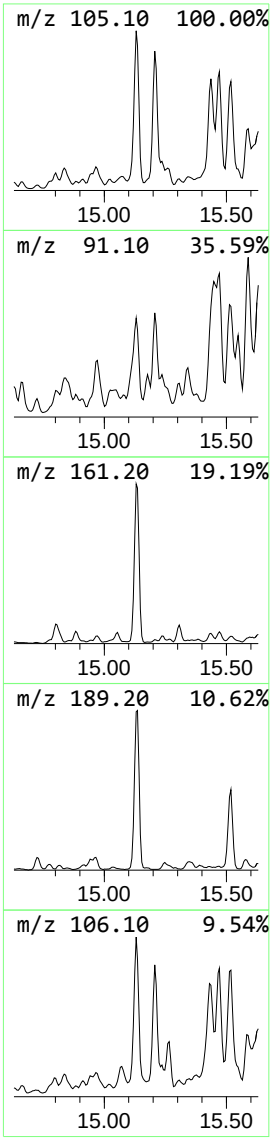
Peak Number 10 unknown15.130 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.130	65.41 ng	4474880	Acenaphthene-d10	14.154

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-phenylbutyric acid, 2,2,2-trif...	246	C12H13F3O2	1000376-55-4	38
2	4-Oxo-4-phenylbutyric acid, buty...	234	C14H18O3	1000405-97-5	37
3	Ketone, phenyl 2-thiazolyl	189	C10H7NOS	007210-75-5	37
4	Benzenebutanoic acid, .gamma.-ox...	192	C11H12O3	025333-24-8	28
5	4-Oxo-4-phenylbutyric acid, isob...	234	C14H18O3	1000405-97-4	25





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

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

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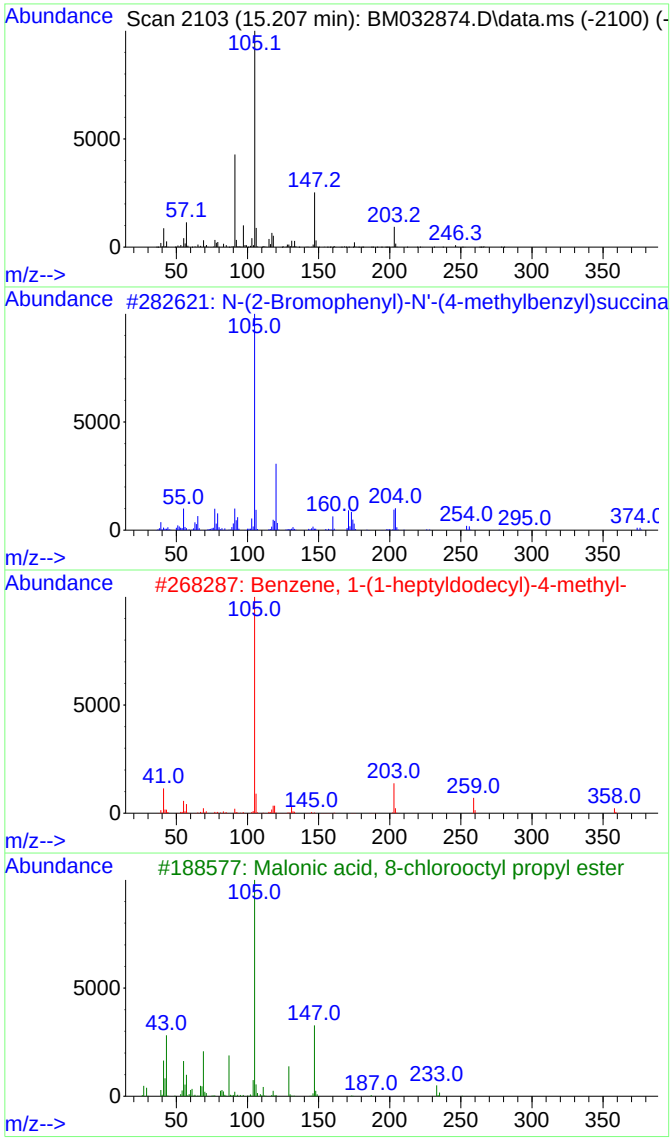
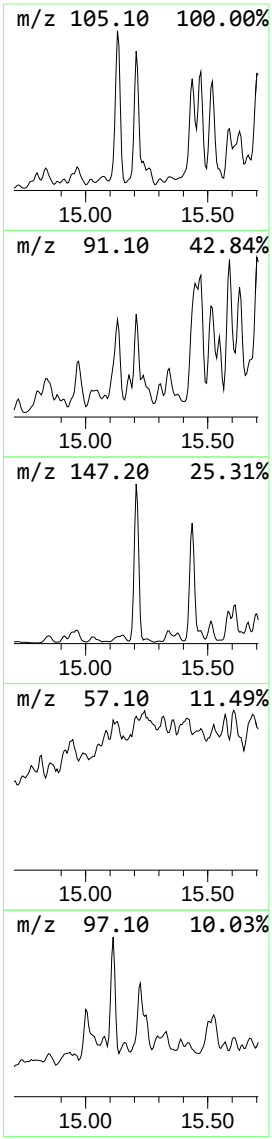
Peak Number 11 unknown15.207 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.207	80.91 ng	5534990	Acenaphthene-d10	14.154

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	N-(2-Bromophenyl)-N'-(4-methylbe...	374	C18H19BrN2O2	328019-20-1	32
2	Benzene, 1-(1-heptyldodecyl)-4-m...	358	C26H46	055191-36-1	25
3	Malonic acid, 8-chlorooctyl prop...	292	C14H25ClO4	1000349-00-3	25
4	4,5-Dihydro-4,4-dimethyl-2-pheny...	203	C12H13NO2	029637-55-6	16
5	3-Benzoyl-2-t-butyl-4-isopropyl-...	303	C18H25NO3	104057-75-2	12





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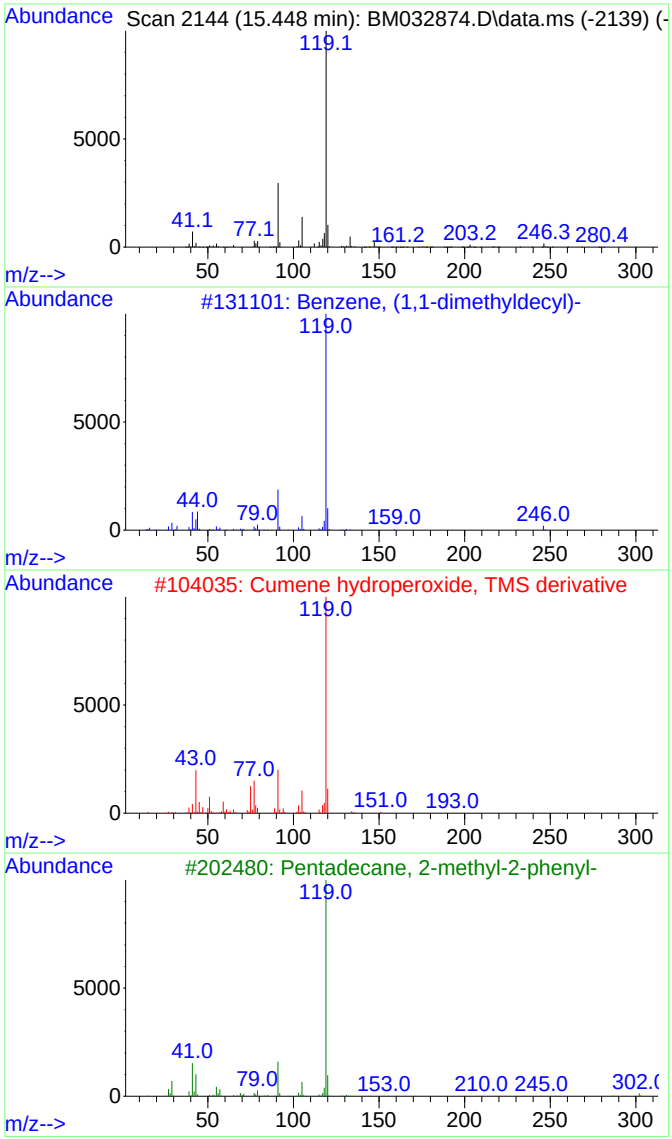
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

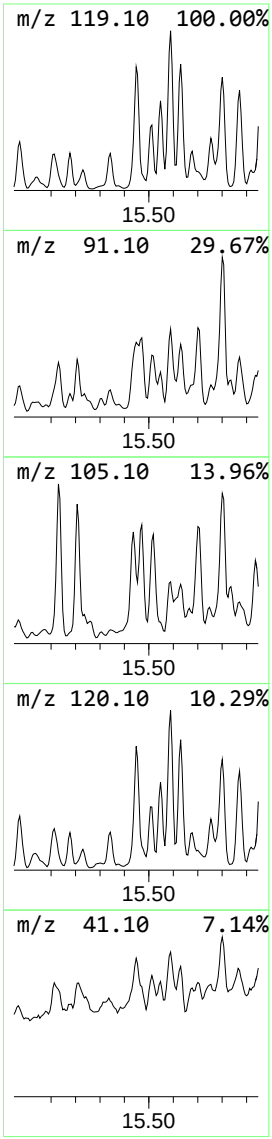
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Cumene hydroperoxide, TMS d... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.448	79.17 ng	5415980	Acenaphthene-d10	14.154

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1,1-dimethyldecyl)-	246	C18H30	027854-40-6	80
2	Cumene hydroperoxide, TMS deriva...	224	C12H20O2Si	018057-16-4	72
3	Pentadecane, 2-methyl-2-phenyl-	302	C22H38	029138-94-1	72
4	Benzene, (1,1,4,6,6-pentamethylh...	246	C18H30	055134-07-1	72
5	Benzene, (1,1-dimethylbutyl)-	162	C12H18	001985-57-5	64





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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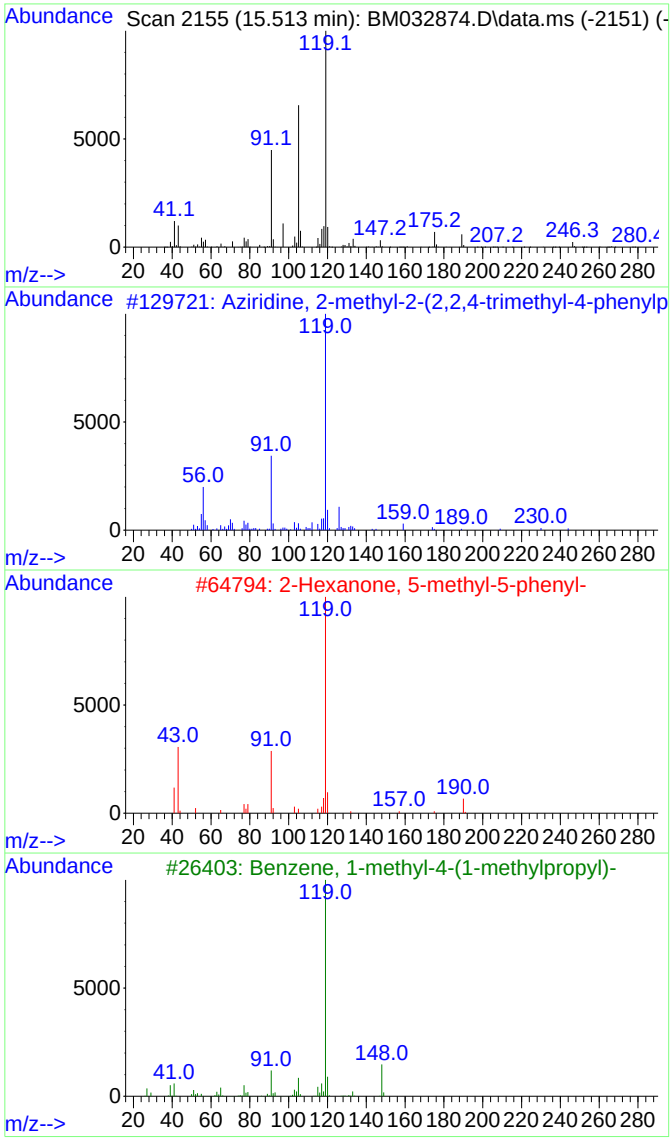
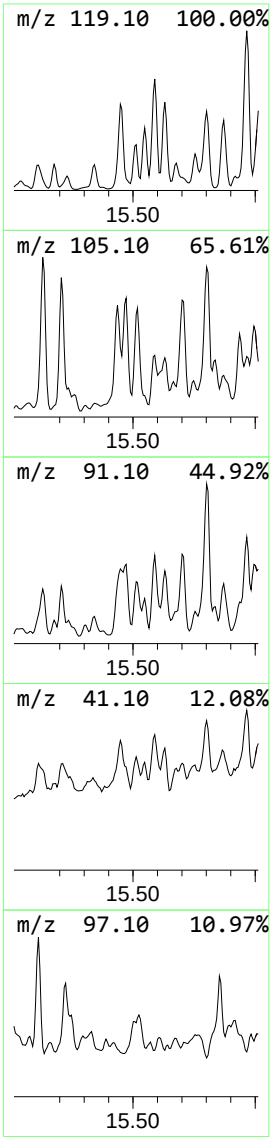
Peak Number 13 Aziridine, 2-methyl-2-(2,2,... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.513	56.06 ng	3834920	Acenaphthene-d10	14.154

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Aziridine, 2-methyl-2-(2,2,4-tri...	245	C17H27N	1000293-28-5	64
2	2-Hexanone, 5-methyl-5-phenyl-	190	C13H18O	014128-61-1	59
3	Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	59
4	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	59
5	Butyric acid, 2-phenyl-, tridec-...	342	C23H34O2	1000406-92-1	59





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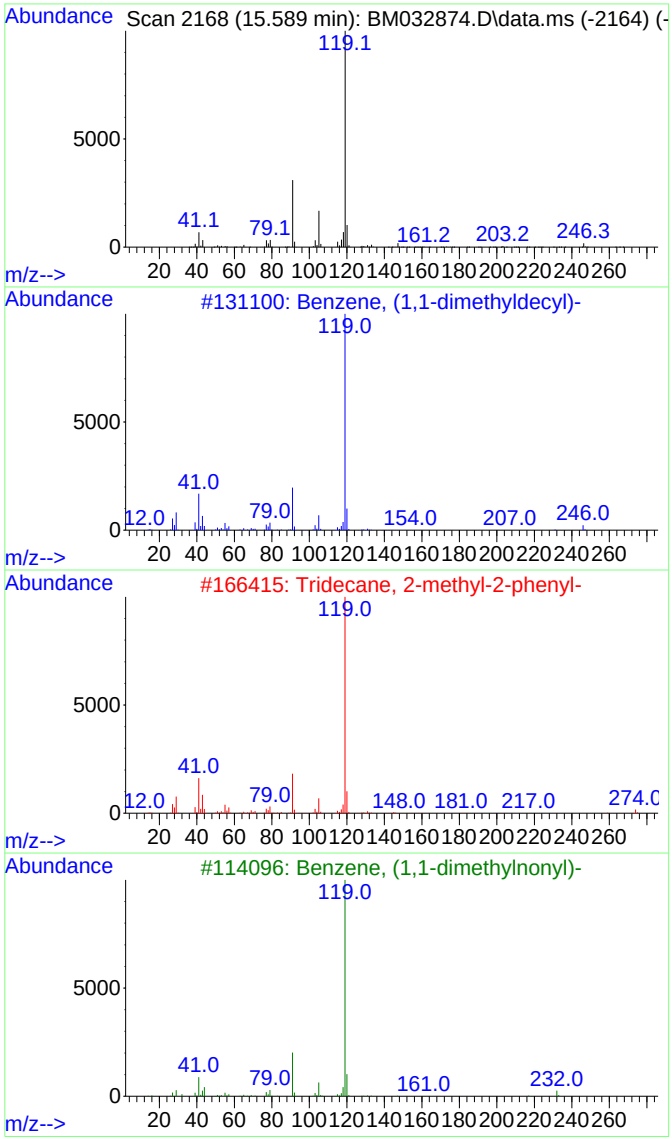
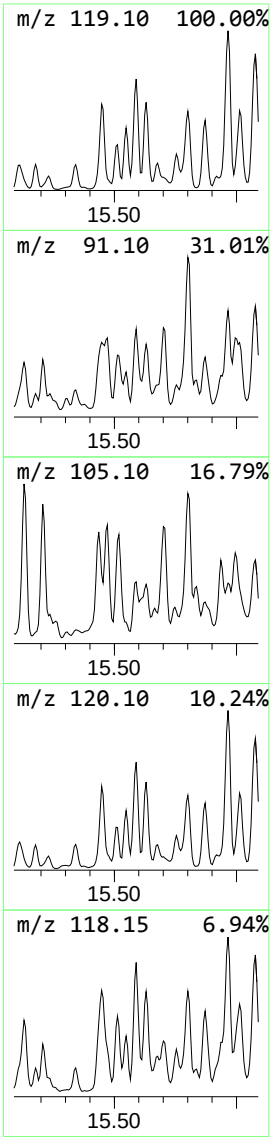
****
Peak Number 14 Benzene, (1,1-dimethylnonyl)- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.589	31.16 ng	5231320	Phenanthrene-d10	16.895

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1,1-dimethyldecyl)-	246	C18H30	027854-40-6	80
2	Tridecane, 2-methyl-2-phenyl-	274	C20H34	027854-41-7	72
3	Benzene, (1,1-dimethylnonyl)-	232	C17H28	055191-25-8	64
4	Dicumyl peroxide	270	C18H22O2	000080-43-3	64
5	2,4,4,6-Tetramethyl-6-phenyl-1-h...	230	C17H26	1000293-27-9	64





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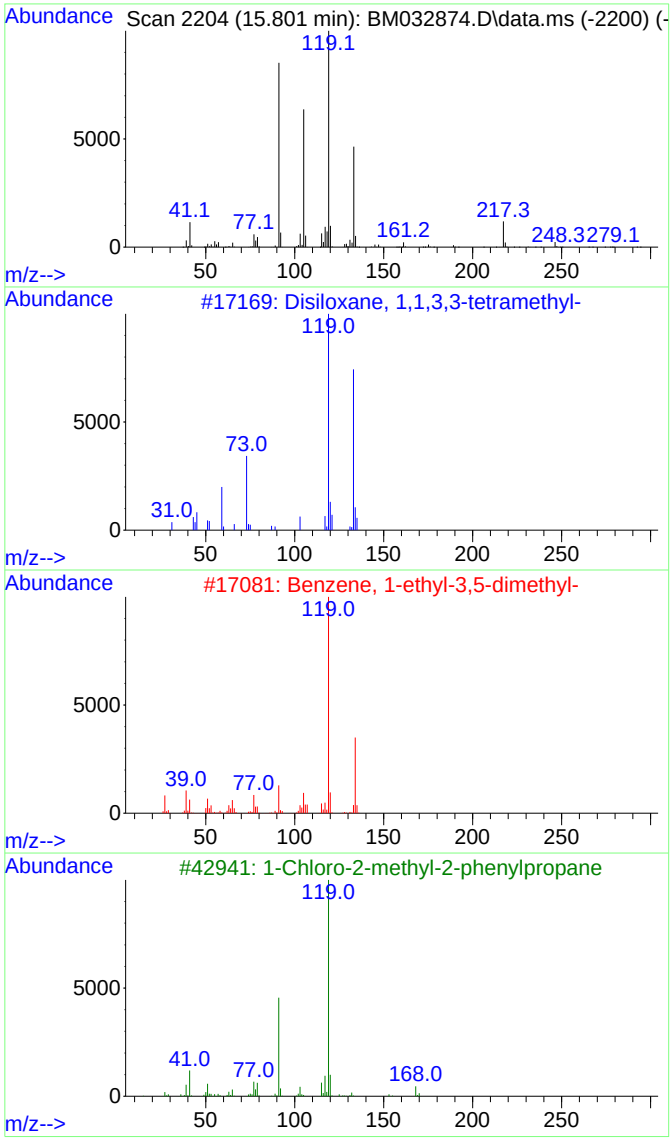
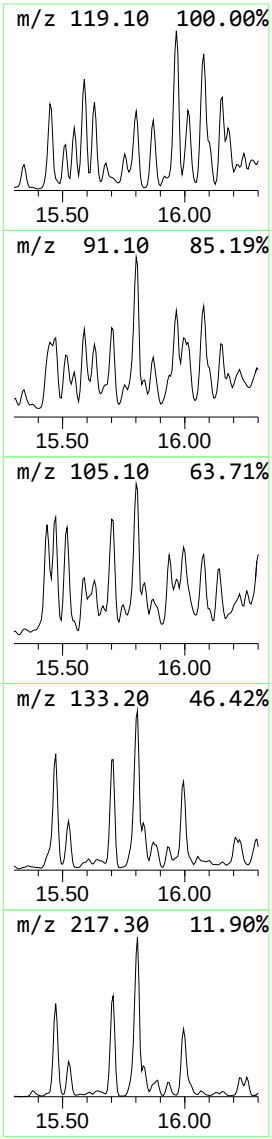
****
Peak Number 15 Disiloxane, 1,1,3,3-tetrame... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.801	32.23 ng	5410340	Phenanthrene-d10	16.895

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Disiloxane, 1,1,3,3-tetramethyl-	134	C4H14OSi2	003277-26-7	59
2	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	50
3	1-Chloro-2-methyl-2-phenylpropane	168	C10H13Cl	000515-40-2	50
4	2-phenylbutyric acid, 2,2,2-trif...	246	C12H13F3O2	1000376-55-3	50
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	49





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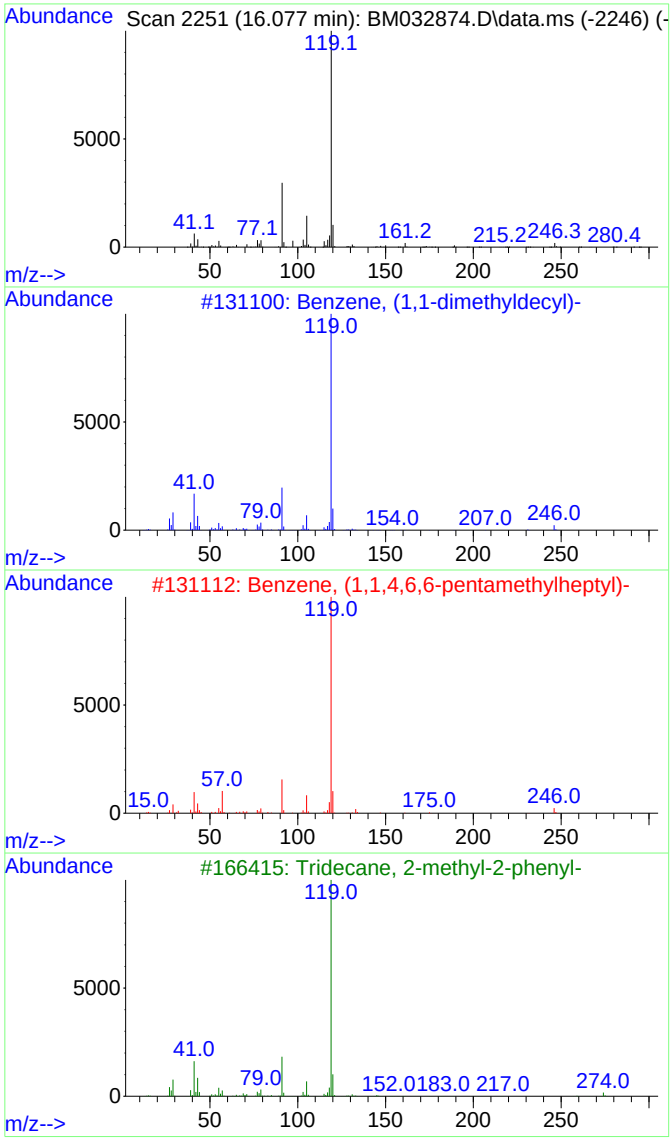
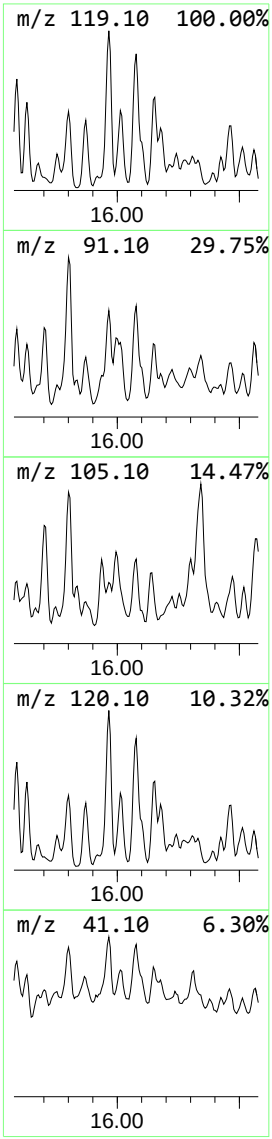
****
Peak Number 16 Benzene, (1,1-dimethyldecyl)- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.077	52.57 ng	8825880	Phenanthrene-d10	16.895

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1,1-dimethyldecyl)-	246	C18H30	027854-40-6	90
2	Benzene, (1,1,4,6,6-pentamethylh...	246	C18H30	055134-07-1	80
3	Tridecane, 2-methyl-2-phenyl-	274	C20H34	027854-41-7	78
4	Pentadecane, 2-methyl-2-phenyl-	302	C22H38	029138-94-1	78
5	Cumene hydroperoxide, TMS deriva...	224	C12H20O2Si	018057-16-4	78





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Data File : BM032874.D
Acq On : 04 Nov 2021 14:36
Operator : CG/JU
Sample : M4438-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
FDR-20211101-WC-L

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM110221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

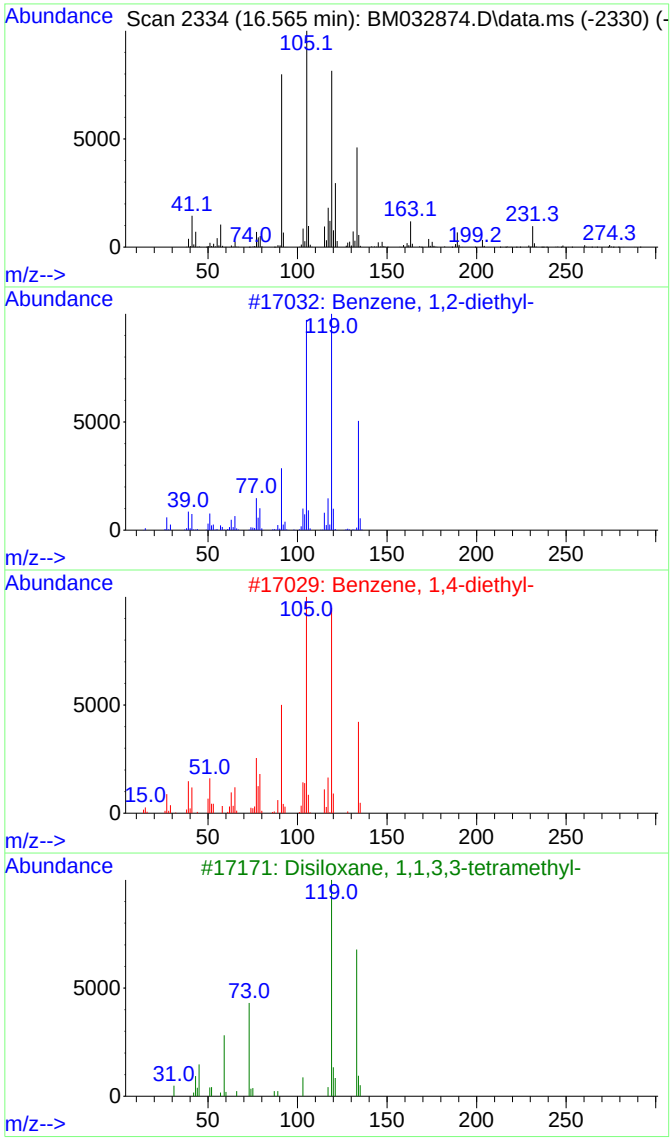
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

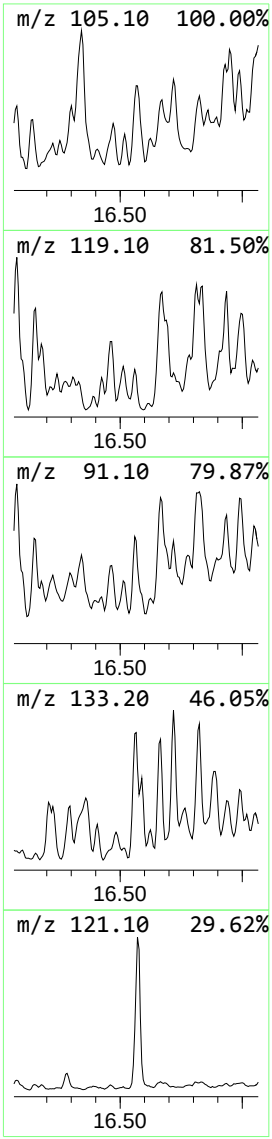
****

Peak Number 17 unknown16.565 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.565	25.24 ng	4237640	Phenanthrene-d10	16.895

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	49
2	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	47
3	Disiloxane, 1,1,3,3-tetramethyl-	134	C4H14OSi2	003277-26-7	43
4	p-Toluylamide, N-(2-phenylethyl)...	365	C25H35NO	1010451-69-3	43
5	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	43





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Data File : BM032874.D
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Sample : M4438-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
FDR-20211101-WC-L

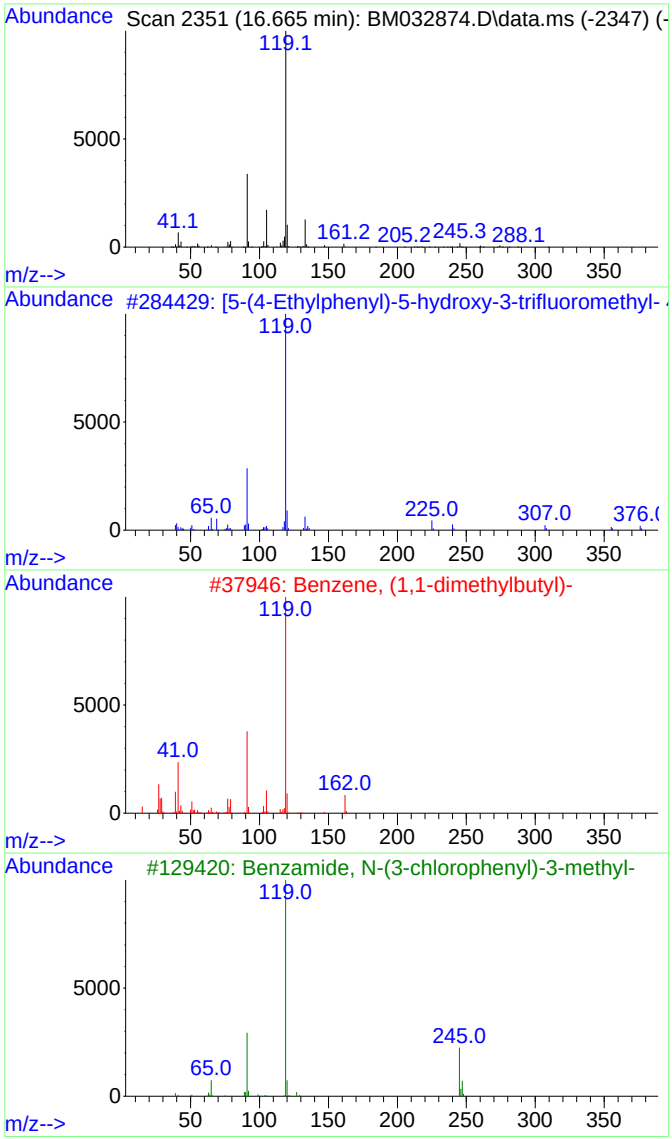
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM110221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

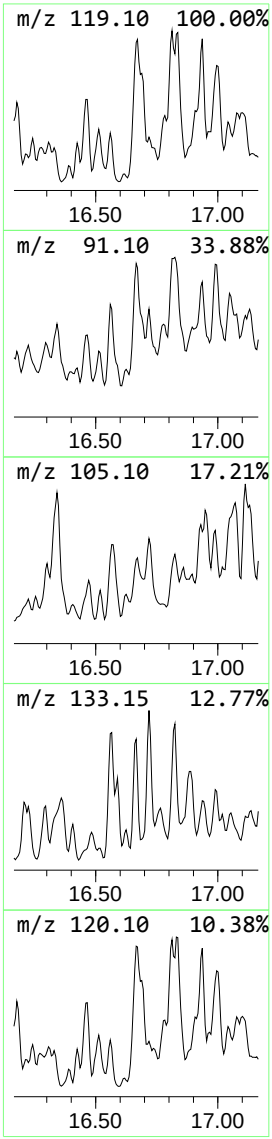
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 [5-(4-Ethylphenyl)-5-hydrox... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.665	38.21 ng	6415220	Phenanthrene-d10	16.895

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	[5-(4-Ethylphenyl)-5-hydroxy-3-t...	376	C20H19F3N2O2	1000311-59-5	72
2	Benzene, (1,1-dimethylbutyl)-	162	C12H18	001985-57-5	64
3	Benzamide, N-(3-chlorophenyl)-3-...	245	C14H12ClNO	1000307-11-4	59
4	Benzamide, N-(3-chlorophenyl)-4-...	245	C14H12ClNO	1000306-95-8	59
5	Benzene, (1,1-dimethyldecyl)-	246	C18H30	027854-40-6	59





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Data File : BM032874.D
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Operator : CG/JU
Sample : M4438-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
FDR-20211101-WC-L

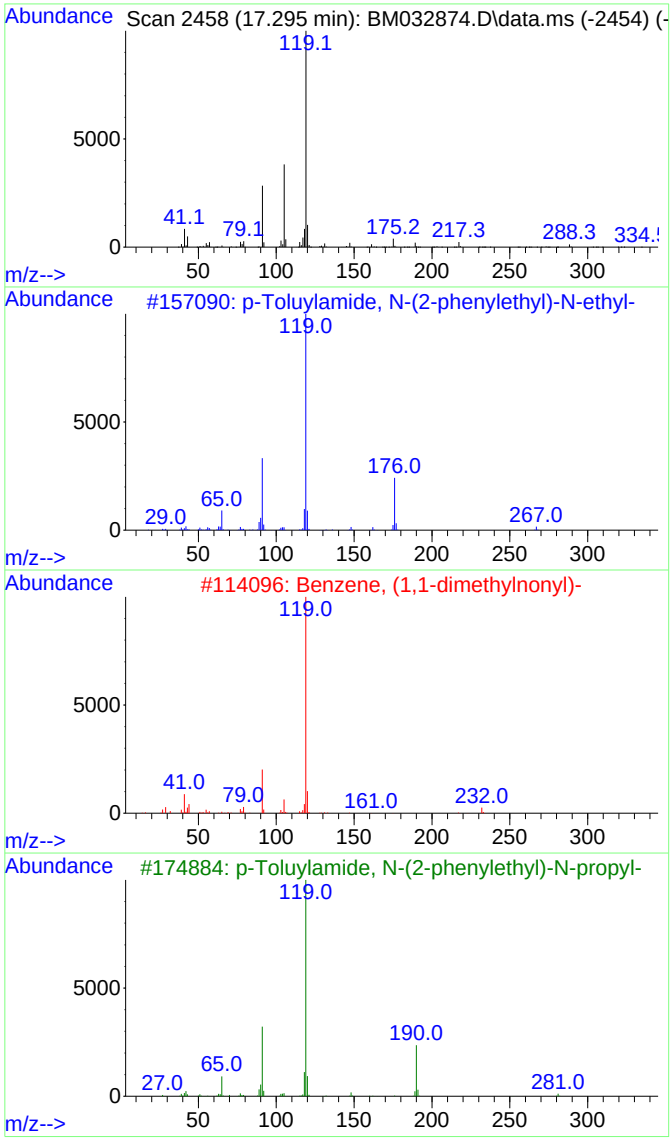
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM110221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

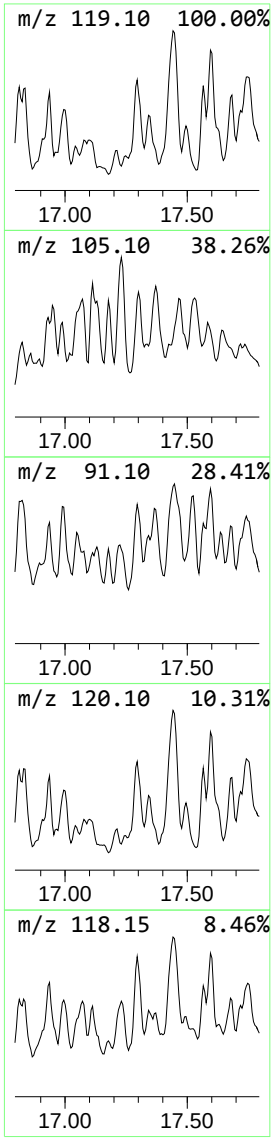
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 p-Toluylamide, N-(2-phenyle... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.295	34.58 ng	5805540	Phenanthrene-d10	16.895

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Toluylamide, N-(2-phenylethyl)...	267	C18H21NO	1000451-68-3	64
2	Benzene, (1,1-dimethylnonyl)-	232	C17H28	055191-25-8	64
3	p-Toluylamide, N-(2-phenylethyl)...	281	C19H23NO	1000451-68-4	59
4	p-Toluylamide, N-(2-phenylethyl)...	337	C23H31NO	1000451-68-9	59
5	Benzene, (1,1-dimethyldecyl)-	246	C18H30	027854-40-6	59





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Sample : M4438-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
FDR-20211101-WC-L

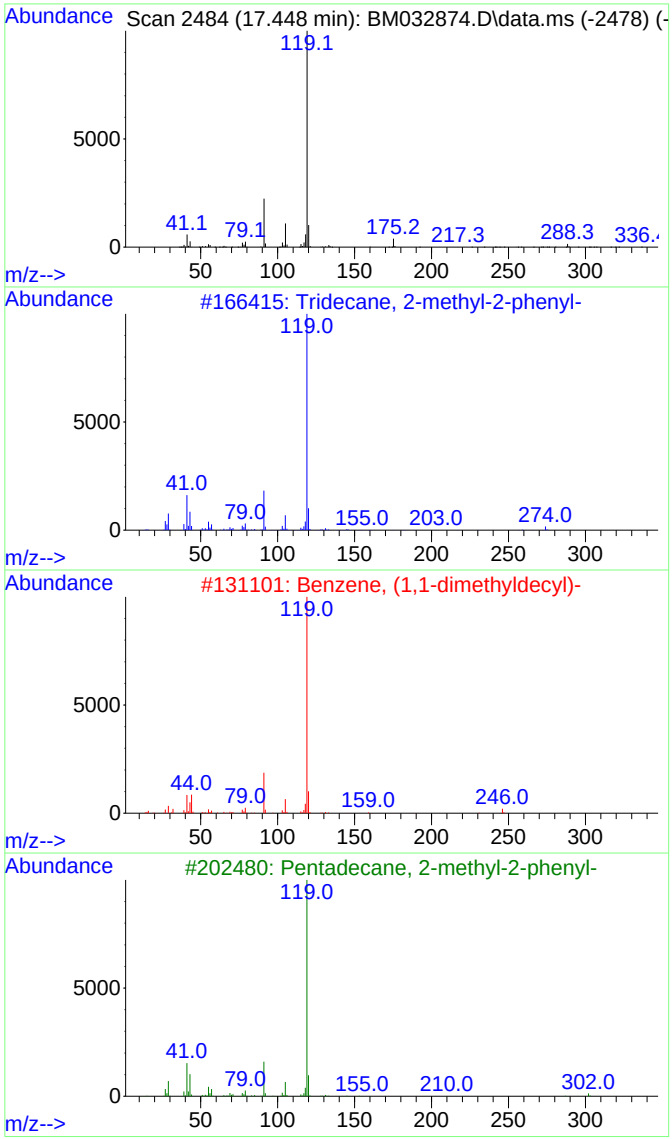
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM110221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

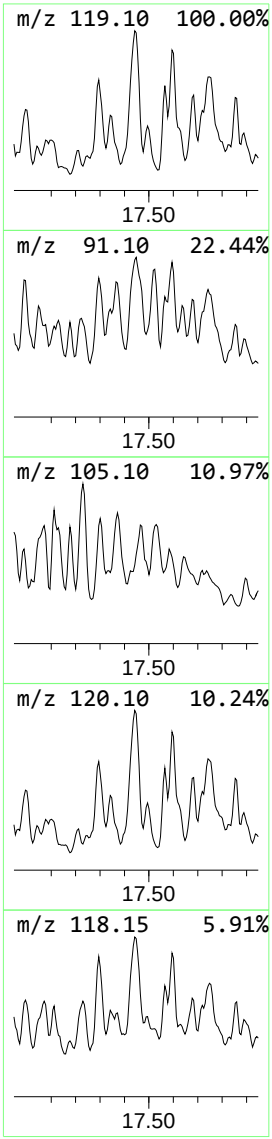
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 Tridecane, 2-methyl-2-phenyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.448	48.22 ng	8094850	Phenanthrene-d10	16.895

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 2-methyl-2-phenyl-	274	C20H34	027854-41-7	78
2	Benzene, (1,1-dimethyldecyl)-	246	C18H30	027854-40-6	78
3	Pentadecane, 2-methyl-2-phenyl-	302	C22H38	029138-94-1	78
4	Benzene, (1,1,4,6,6-pentamethylh...	246	C18H30	055134-07-1	78
5	Dicumyl peroxide	270	C18H22O2	000080-43-3	78





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110421\
Data File : BM032874.D
Acq On : 04 Nov 2021 14:36
Operator : CG/JU
Sample : M4438-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
FDR-20211101-WC-L

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM110221.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
4H-Imidazol-4-o...	6.772	31.2	ng	1022040	1	7.490	655421	20.0
2-Pyrrolidinone...	7.766	188.9	ng	6189390	1	7.490	655421	20.0
Benzene, (1,1-d...	8.748	35.5	ng	1162340	1	7.490	655421	20.0
Sulfurous acid,...	11.536	54.8	ng	2510400	2	10.272	915460	20.0
Cyclohexane, 1,...	11.678	29.2	ng	1336220	2	10.272	915460	20.0
unknown11.901	11.901	29.3	ng	1341570	2	10.272	915460	20.0
2,4,4,6,6,8,8-H...	12.583	41.1	ng	2814860	3	14.154	1368250	20.0
unknown13.201	13.201	31.1	ng	2124360	3	14.154	1368250	20.0
Octadecane, 1-c...	13.636	34.9	ng	2388910	3	14.154	1368250	20.0
unknown15.130	15.130	65.4	ng	4474880	3	14.154	1368250	20.0
unknown15.207	15.207	80.9	ng	5534990	3	14.154	1368250	20.0
Cumene hydroper...	15.448	79.2	ng	5415980	3	14.154	1368250	20.0
Aziridine, 2-me...	15.513	56.1	ng	3834920	3	14.154	1368250	20.0
Benzene, (1,1-d...	15.589	31.2	ng	5231320	4	16.895	3357540	20.0
Disiloxane, 1,1...	15.801	32.2	ng	5410340	4	16.895	3357540	20.0
Benzene, (1,1-d...	16.077	52.6	ng	8825880	4	16.895	3357540	20.0
unknown16.565	16.565	25.2	ng	4237640	4	16.895	3357540	20.0
[5-(4-Ethylphen...	16.665	38.2	ng	6415220	4	16.895	3357540	20.0
p-Toluylamide, ...	17.295	34.6	ng	5805540	4	16.895	3357540	20.0
Tridecane, 2-me...	17.448	48.2	ng	8094850	4	16.895	3357540	20.0