LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121621\
Data File : BF126225.D
Acq On : 16 Dec 2021 22:28
Operator : JU/CG
Sample : M4919-02
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FDR-MW-3-20211202

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_F\Methods\8270-BF121521.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF126225.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.010	491	497	505	rVB	69871	85501	1.68%	0.218%
2	5.416	562	566	570	rBV	2435815	2229944	43.69%	5.694%
3	6.428	734	738	741	rBV	1646361	1334782	26.15%	3.408%
4	6.622	767	771	775	rBV	491822	410378	8.04%	1.048%
5	6.816	800	804	807	rVB	1466185	1153316	22.59%	2.945%
6	6.875	810	814	821	rBV2	76715	83860	1.64%	0.214%
7	6.998	832	835	840	rVB2	95929	80170	1.57%	0.205%
8	7.375	889	899	902	rBV	3513392	3686442	72.22%	9.412%
9	7.422	902	907	910	rBV	301911	247670	4.85%	0.632%
10	7.587	928	935	938	rBV4	56566	89686	1.76%	0.229%
11	7.657	942	947	951	rVB2	134069	151139	2.96%	0.386%
12	7.828	973	976	981	rVB	157110	131456	2.58%	0.336%
13	7.998	1003	1005	1009	rVB	116009	95902	1.88%	0.245%
14	8.098	1018	1022	1025	rVB	1986513	1617298	31.69%	4.129%
15	8.251	1041	1048	1051	rBV7	29230	53702	1.05%	0.137%
16	8.322	1058	1060	1063	rVB	214450	155968	3.06%	0.398%
17	8.986	1167	1173	1178	rBV	239564	255688	5.01%	0.653%
18	9.175	1200	1205	1208	rBV	5177829	5104301	100.00%	13.032%
19	9.422	1244	1247	1250	rBV2	46013	58113	1.14%	0.148%
20	9.504	1257	1261	1263	rBV3	106128	159495	3.12%	0.407%
21	9.528	1263	1265	1271	rVV3	149167	189220	3.71%	0.483%
22	9.592	1271	1276	1277	rVV	508820	535984	10.50%	1.368%
23	9.645	1281	1285	1287	rVV3	94503	142855	2.80%	0.365%
24	9.669	1287	1289	1293	rVV3	144747	159220	3.12%	0.407%
25	9.728	1295	1299	1300	rVV3	68882	86516	1.69%	0.221%
26	9.751	1300	1303	1307	rVB2	124827	187919	3.68%	0.480%
27	9.822	1310	1315	1317	rVV2	76363	108507	2.13%	0.277%
28	9.851	1317	1320	1322	rVV	1897504	1580449	30.96%	4.035%
29	9.869	1322	1323	1326	rVV2	246850	211911	4.15%	0.541%
30	9.904	1326	1329	1332	rVB	267505	254309	4.98%	0.649%
31	10.016	1341	1348	1350	rBV3	812601	1083388	21.23%	2.766%
32	10.039	1350	1352	1354	rVV	185213	181194	3.55%	0.463%
33	10.063	1354	1356	1361	rVB3	135537	206420	4.04%	0.527%
34	10.139	1366	1369	1373	rVB	267471	245190	4.80%	0.626%
35	10.175	1373	1375	1384	rVB	272216	308903	6.05%	0.789%
36	10.281	1388	1393	1395	rBV3	110459	189756	3.72%	0.484%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121621\
Data File : BF126225.D
Acq On : 16 Dec 2021 22:28
Operator : JU/CG
Sample : M4919-02
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FDR-MW-3-20211202

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_F\Methods\8270-BF121521.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	10.357	1401	1406	1409	rVB2	341737	306543	6.01%	0.783%
38	10.451	1418	1422	1426	rVB2	215496	236103	4.63%	0.603%
39	10.522	1431	1434	1436	rBV2	85476	83488	1.64%	0.213%
40	10.592	1444	1446	1449	rBV3	80332	104325	2.04%	0.266%
41	10.639	1449	1454	1459	rVB	2734506	2708653	53.07%	6.916%
42	10.763	1474	1475	1478	rVB	92912	69439	1.36%	0.177%
43	10.869	1489	1493	1497	rBV2	1083692	1172586	22.97%	2.994%
44	10.986	1510	1513	1515	rBV	429153	346232	6.78%	0.884%
45	11.086	1527	1530	1532	rBV3	196832	213242	4.18%	0.544%
46	11.110	1532	1534	1537	rVB	195617	151430	2.97%	0.387%
47	11.145	1537	1540	1545	rBV	958303	938740	18.39%	2.397%
48	11.263	1556	1560	1563	rBV	1277690	1336884	26.19%	3.413%
49	11.333	1569	1572	1575	rVB	1473966	1148070	22.49%	2.931%
50	11.363	1575	1577	1578	rBV2	64589	57362	1.12%	0.146%
51	11.404	1581	1584	1586	rVV2	167960	207029	4.06%	0.529%
52	11.433	1586	1589	1594	rVB2	295453	307667	6.03%	0.786%
53	11.563	1609	1611	1615	rVB	186106	174627	3.42%	0.446%
54	11.663	1625	1628	1629	rBV2	301713	334242	6.55%	0.853%
55	11.716	1634	1637	1640	rBV	272238	281183	5.51%	0.718%
56	11.810	1651	1653	1658	rBV4	120108	142827	2.80%	0.365%
57	11.875	1662	1664	1666	rVV	157802	128645	2.52%	0.328%
58	11.904	1667	1669	1673	rVB3	132274	130170	2.55%	0.332%
59	12.039	1690	1692	1694	rBV2	105632	105664	2.07%	0.270%
60	12.122	1703	1706	1711	rBV2	82782	84090	1.65%	0.215%
61	12.204	1718	1720	1725	rVB3	96587	114240	2.24%	0.292%
62	12.251	1726	1728	1731	rVB	139495	106165	2.08%	0.271%
63	12.922	1838	1842	1846	rVB	3219816	2985439	58.49%	7.623%
64	13.827	1993	1996	2001	rVB	203705	223154	4.37%	0.570%
65	13.969	2016	2020	2024	rVB	1247344	1078574	21.13%	2.754%
66	15.410	2261	2265	2271	rVV	717347	889699	17.43%	2.272%
67	15.468	2272	2275	2282	rVB2	48524	75878	1.49%	0.194%
68	15.898	2344	2348	2352	rBV3	42782	67171	1.32%	0.172%

Sum of corrected areas: 39166113

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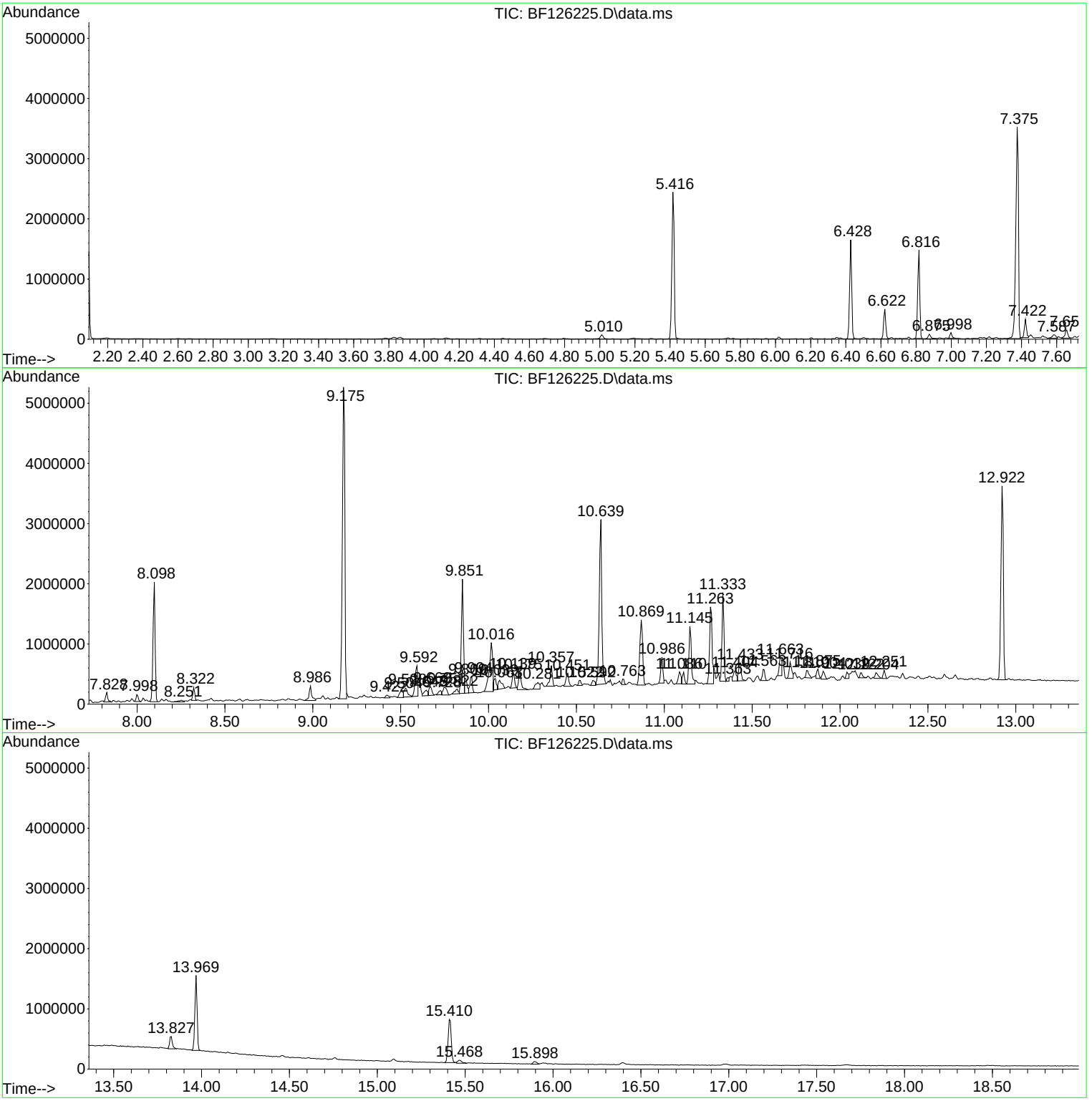
Data File : BF126225.D
Acq On : 16 Dec 2021 22:28
Operator : JU/CG
Sample : M4919-02
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FDR-MW-3-20211202

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.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_F\Data\BF121621\
Data File : BF126225.D
Acq On : 16 Dec 2021 22:28
Operator : JU/CG
Sample : M4919-02
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FDR-MW-3-20211202

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

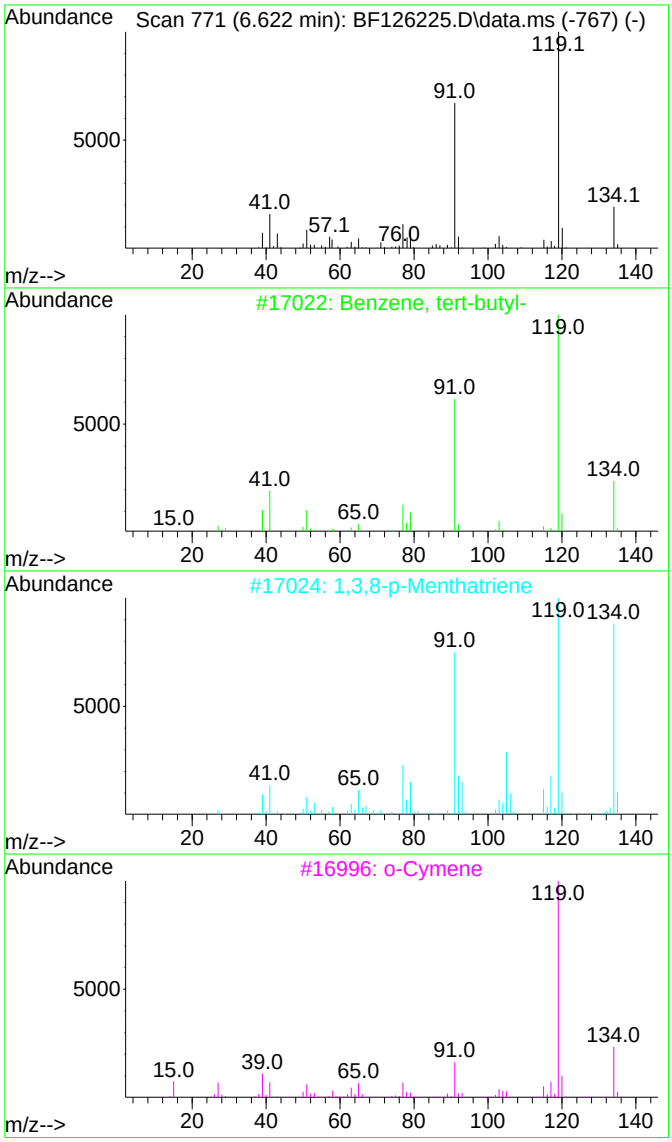
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

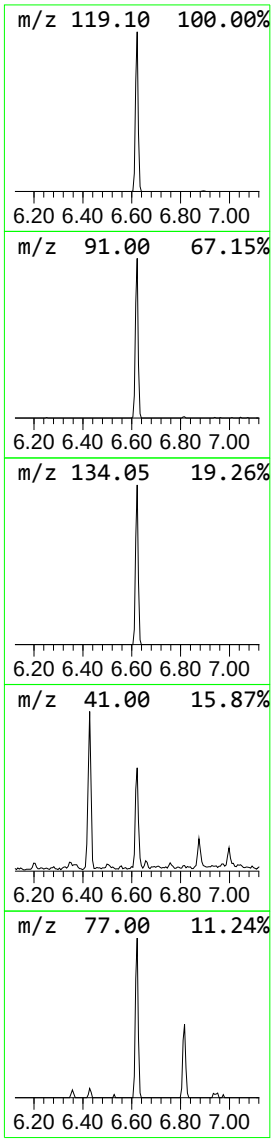
****

Peak Number 1 1,3,8-p-Menthatriene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.622	7.12 ng	410378	1,4-Dichlorobenzene-d4	6.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, tert-butyl-	134	C10H14	000098-06-6	97
2	1,3,8-p-Menthatriene	134	C10H14	018368-95-1	80
3	o-Cymene	134	C10H14	000527-84-4	80
4	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	72
5	Ethanone, 1-(4-methylphenyl)-	134	C9H10O	000122-00-9	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121621\
Data File : BF126225.D
Acq On : 16 Dec 2021 22:28
Operator : JU/CG
Sample : M4919-02
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FDR-MW-3-20211202

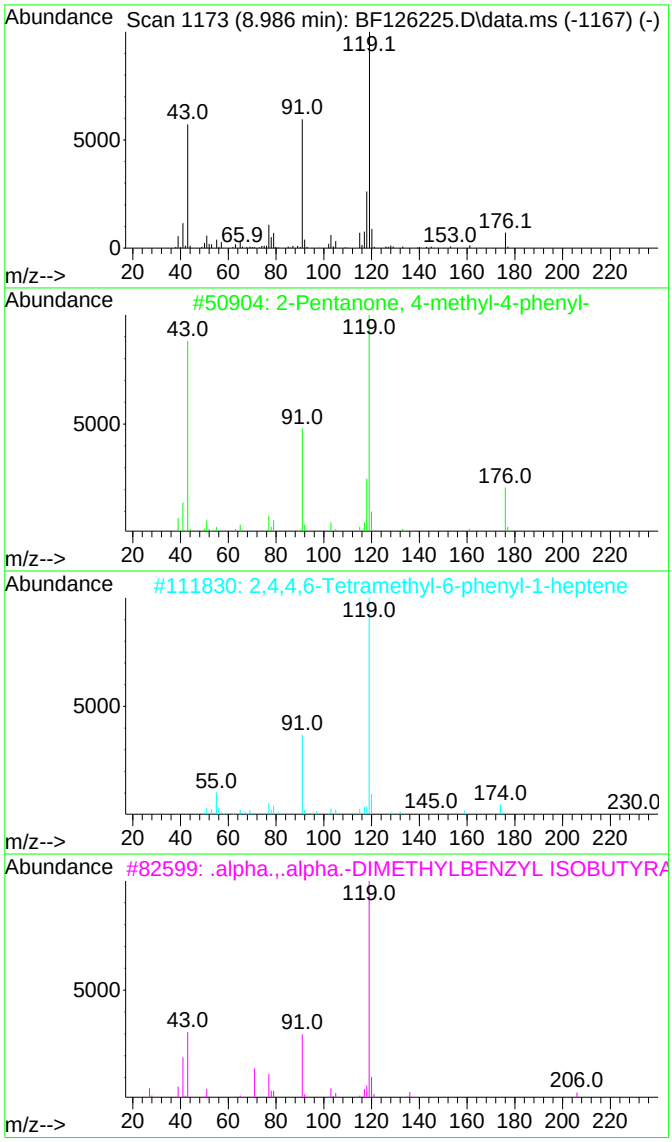
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

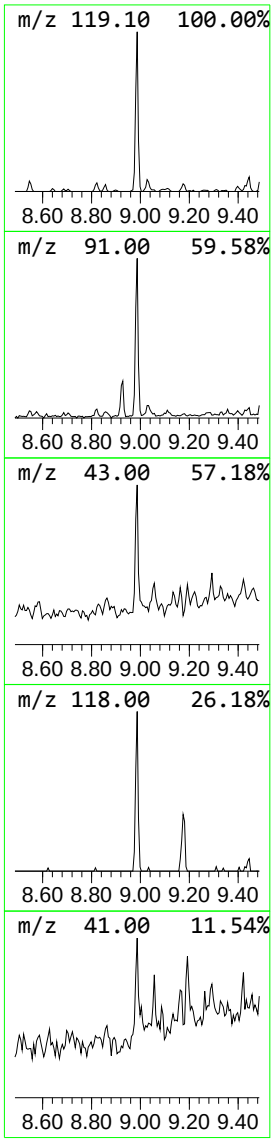
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 2-Pentanone, 4-methyl-4-phe... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.986	3.24 ng	255688	Acenaphthene-d10	9.851

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-methyl-4-phenyl-	176	C12H16O	007403-42-1	91
2	2,4,4,6-Tetramethyl-6-phenyl-1-h...	230	C17H26	1000293-27-9	72
3	.alpha.,.alpha.-DIMETHYLBENZYL I...	206	C13H18O2	1000429-51-9	64
4	Benzene, tert-butyl-	134	C10H14	000098-06-6	64
5	o-Cymene	134	C10H14	000527-84-4	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121621\
Data File : BF126225.D
Acq On : 16 Dec 2021 22:28
Operator : JU/CG
Sample : M4919-02
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FDR-MW-3-20211202

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

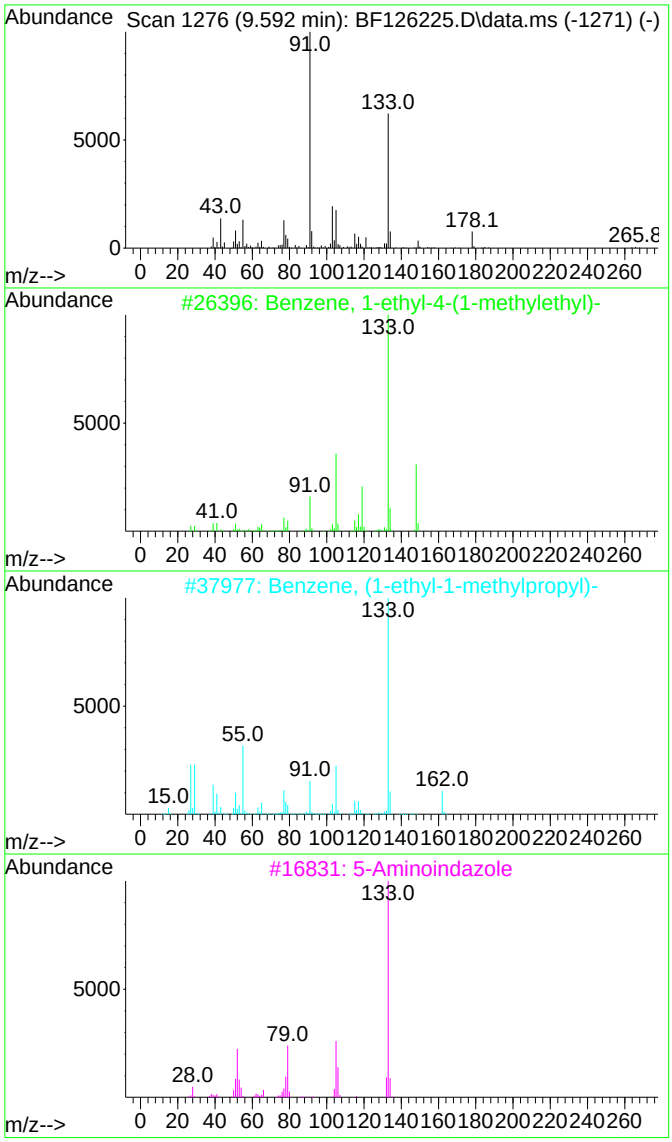
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

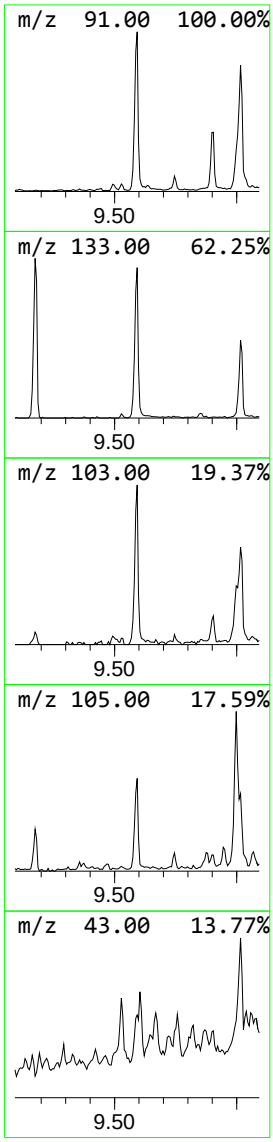
****

Peak Number 3 unknown9.592 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.592	6.78 ng	535984	Acenaphthene-d10	9.851

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	47
2	Benzene, (1-ethyl-1-methylpropyl)-	162	C12H18	001985-97-3	47
3	5-Aminoindazole	133	C7H7N3	019335-11-6	43
4	3-Chloro-N-isochroman-1-ylmethyl...	253	C13H16ClNO2	1000297-29-7	43
5	1-(2,4-Dimethyl-phenyl)-2-(4H-[1...	247	C12H13N3OS	1000274-28-7	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121621\
Data File : BF126225.D
Acq On : 16 Dec 2021 22:28
Operator : JU/CG
Sample : M4919-02
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FDR-MW-3-20211202

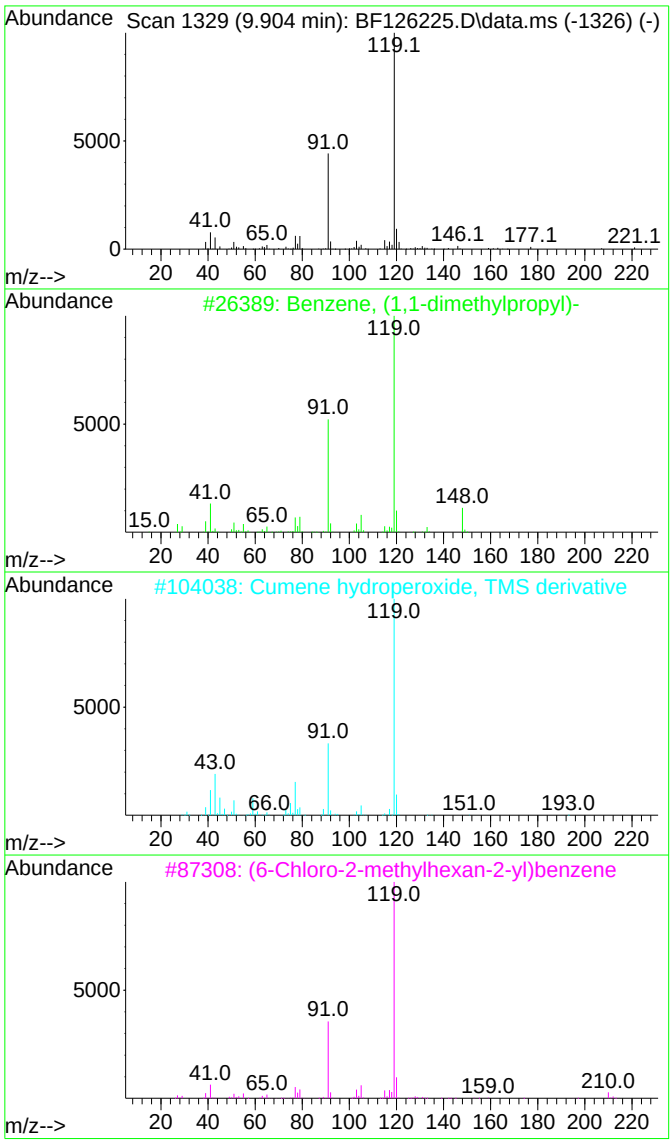
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

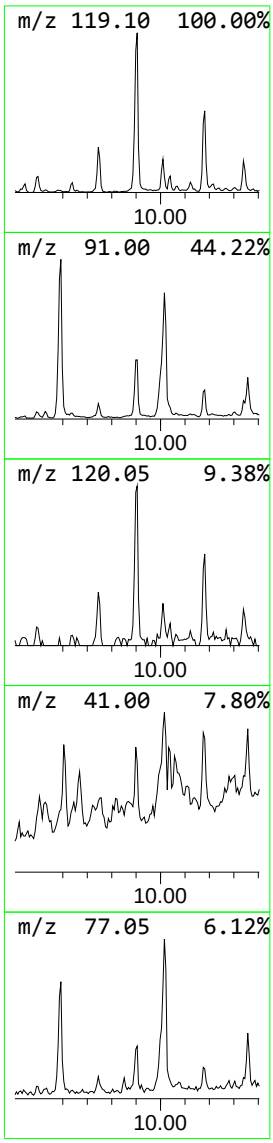
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Benzene, (1,1-dimethylpropyl)- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.904	3.22 ng	254309	Acenaphthene-d10	9.851

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	78
2	Cumene hydroperoxide, TMS deriva...	224	C12H20O2Si	018057-16-4	78
3	(6-Chloro-2-methylhexan-2-yl)ben...	210	C13H19Cl	1417621-45-4	78
4	2,4,4,6-Tetramethyl-6-phenyl-1-h...	230	C17H26	1000293-27-9	78
5	Benzene, 1,1'-(1,1,2,2-tetrameth...	238	C18H22	001889-67-4	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121621\
Data File : BF126225.D
Acq On : 16 Dec 2021 22:28
Operator : JU/CG
Sample : M4919-02
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FDR-MW-3-20211202

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

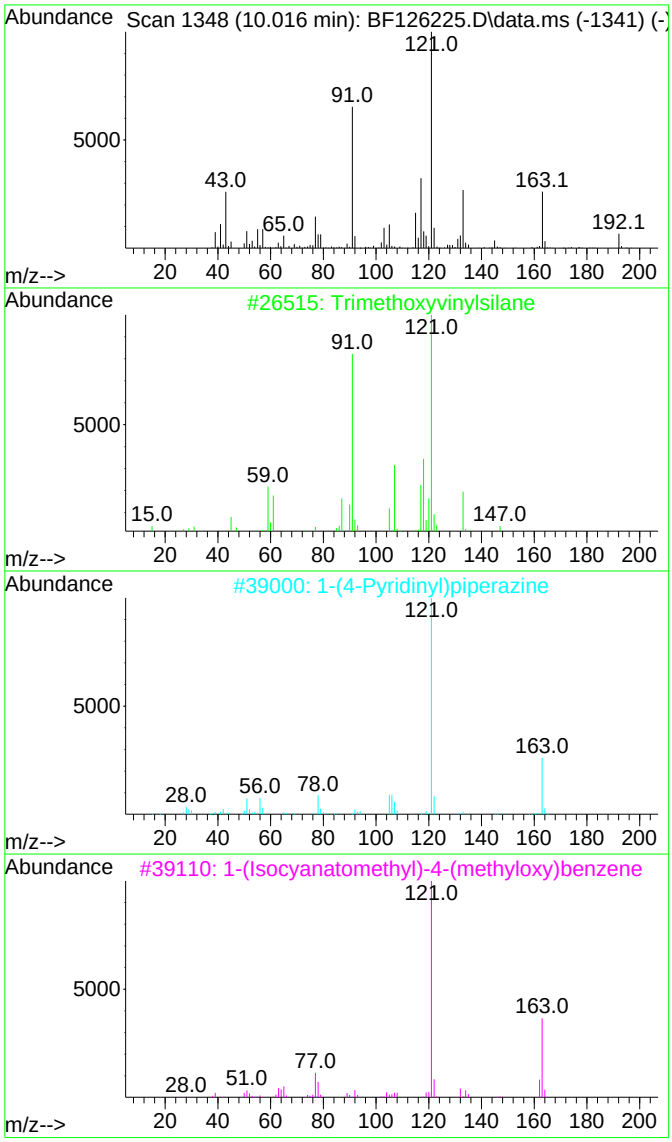
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

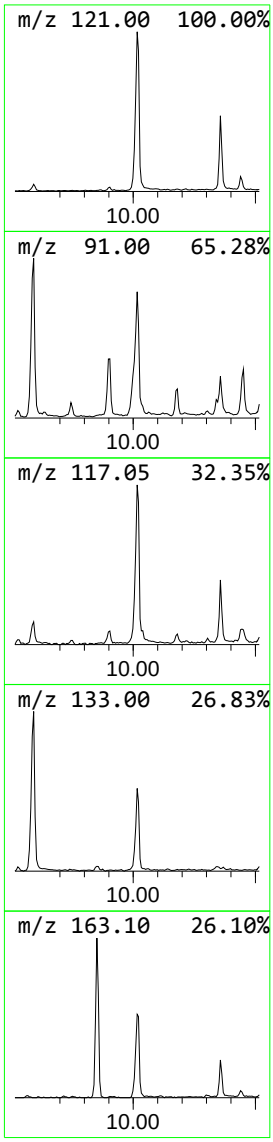
****

Peak Number 5 Trimethoxyvinylsilane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.016	13.71 ng	1083390	Acenaphthene-d10	9.851

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trimethoxyvinylsilane	148	C5H12O3Si	002768-02-7	53
2	1-(4-Pyridinyl)piperazine	163	C9H13N3	001008-91-9	49
3	1-(Isocyanatomethyl)-4-(methylox...	163	C9H9NO2	056651-60-6	49
4	Acetic acid, [4-(2-methyl-3-nitr...	314	C16H14N2O5	349085-63-8	47
5	2-sec-Butylphenol, acetate	192	C12H16O2	003056-61-9	46





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121621\
Data File : BF126225.D
Acq On : 16 Dec 2021 22:28
Operator : JU/CG
Sample : M4919-02
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FDR-MW-3-20211202

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

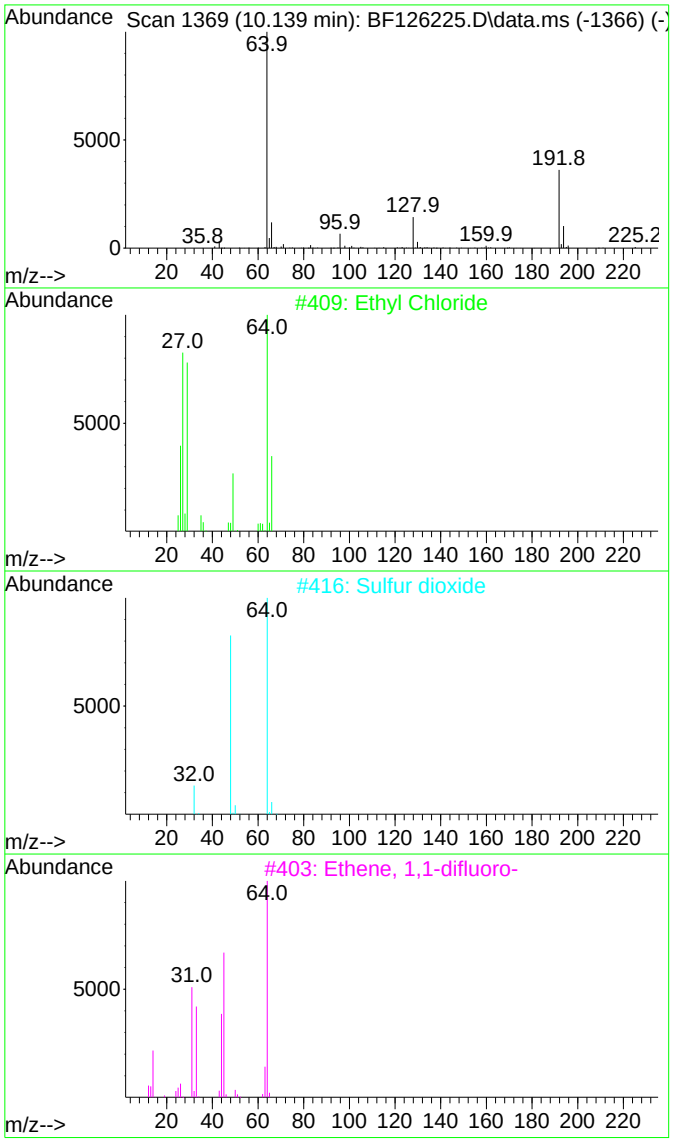
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

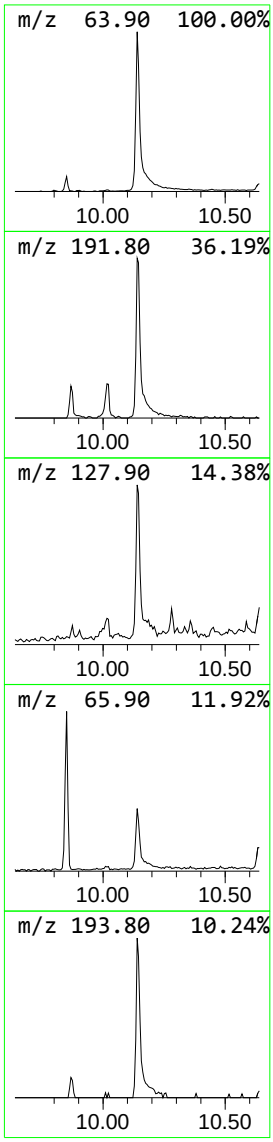
****

Peak Number 6 unknown10.139 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.139	3.10 ng	245190	Acenaphthene-d10	9.851

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethyl Chloride	64	C2H5Cl	000075-00-3	5
2	Sulfur dioxide	64	O2S	007446-09-5	4
3	Ethene, 1,1-difluoro-	64	C2H2F2	000075-38-7	4
4	Ethene, 1,2-difluoro-	64	C2H2F2	001691-13-0	4
5	Tetrazolo[1,5-b]pyridazine, 6-ch...	155	C4H2ClN5	021413-15-0	4





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121621\
Data File : BF126225.D
Acq On : 16 Dec 2021 22:28
Operator : JU/CG
Sample : M4919-02
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FDR-MW-3-20211202

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

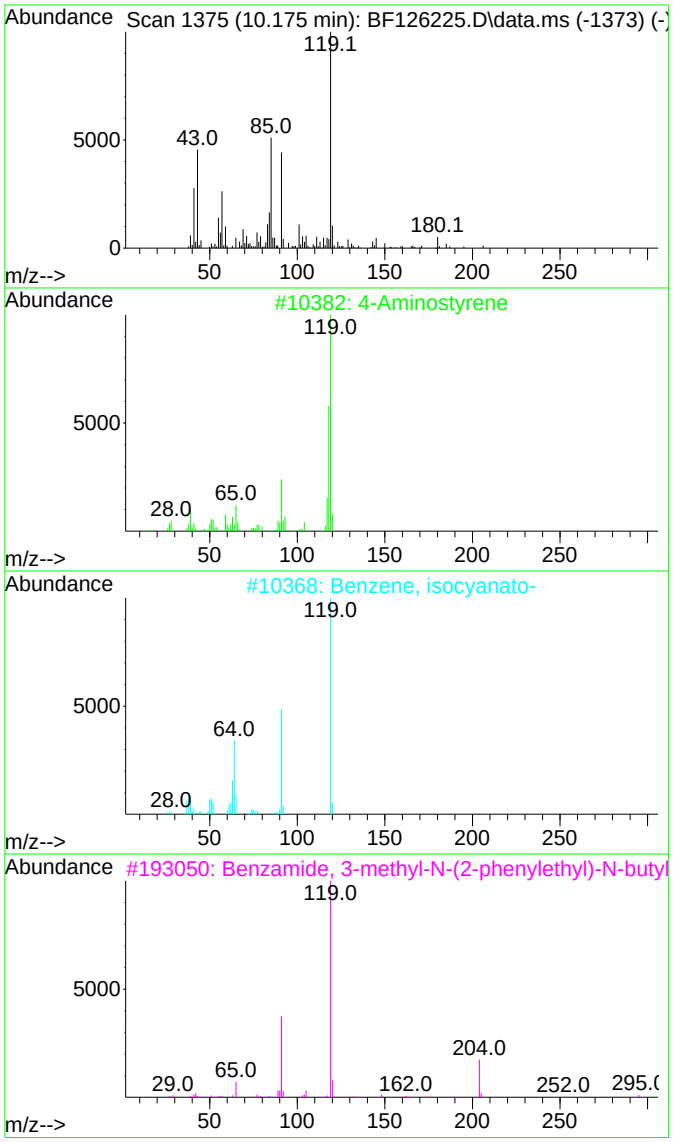
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

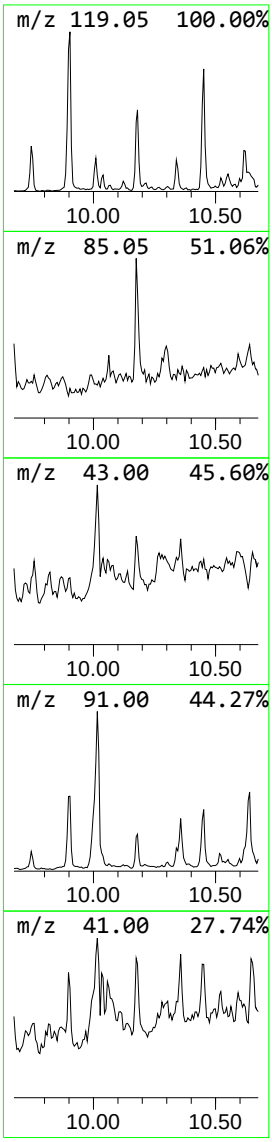
****

Peak Number 7 unknown10.175 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.175	3.91 ng	308903	Acenaphthene-d10	9.851

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Aminostyrene	119	C8H9N	001520-21-4	43
2	Benzene, isocyanato-	119	C7H5NO	000103-71-9	43
3	Benzamide, 3-methyl-N-(2-phenyle...	295	C20H25NO	1000451-38-8	38
4	Benzene, 1,1'-(1,1,2,2-tetrameth...	238	C18H22	001889-67-4	38
5	Benzamide, 4-methyl-N-methoxy-	165	C9H11NO2	025563-06-8	38





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Sample : M4919-02
Misc :
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FDR-MW-3-20211202

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

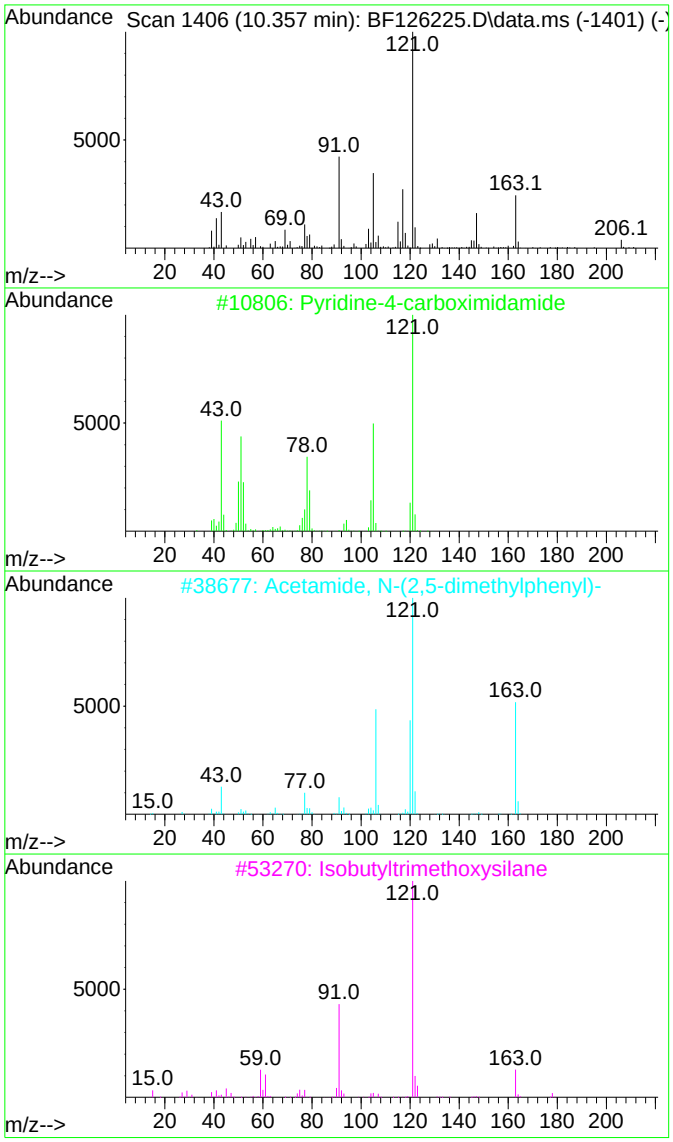
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

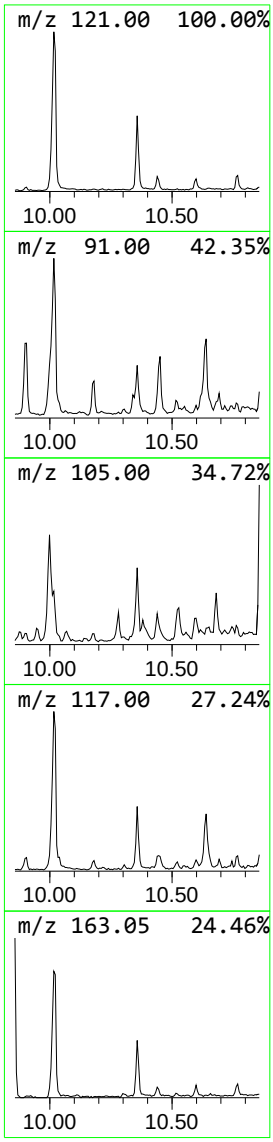
****

Peak Number 8 unknown10.357 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.357	3.88 ng	306543	Acenaphthene-d10	9.851

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyridine-4-carboximidamide	121	C6H7N3	033278-46-5	47
2	Acetamide, N-(2,5-dimethylphenyl)-	163	C10H13NO	002050-44-4	47
3	Isobutyltrimethoxysilane	178	C7H18O3Si	018395-30-7	47
4	Acetamide, N-(2,6-dimethylphenyl)-	163	C10H13NO	002198-53-0	47
5	1-(4-Pyridinyl)piperazine	163	C9H13N3	001008-91-9	47





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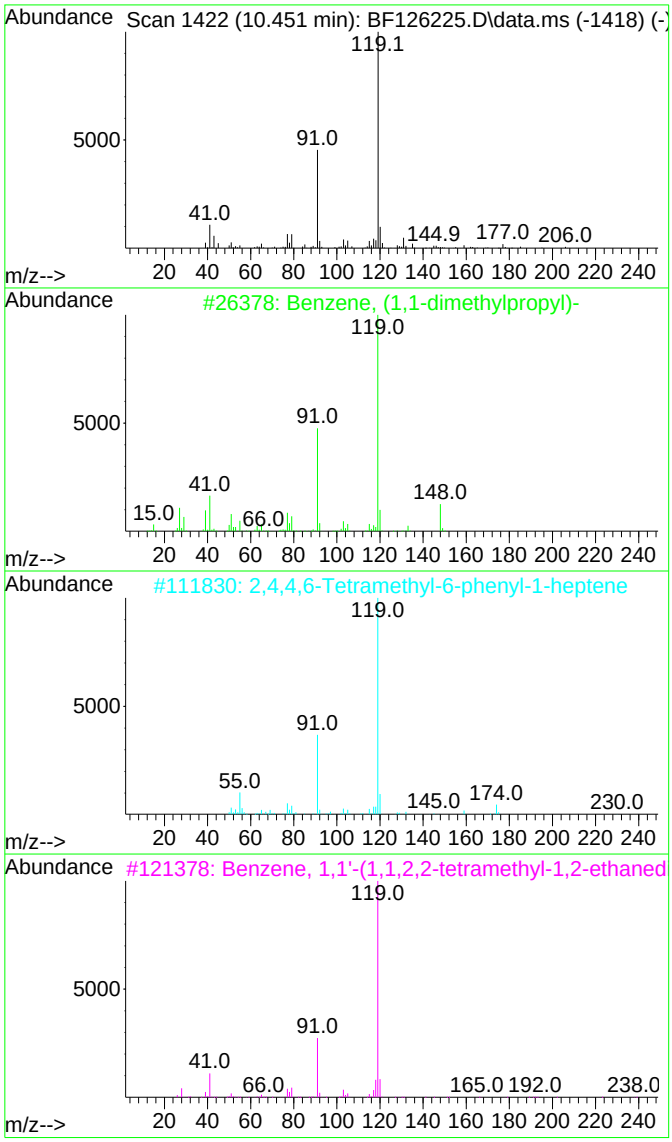
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

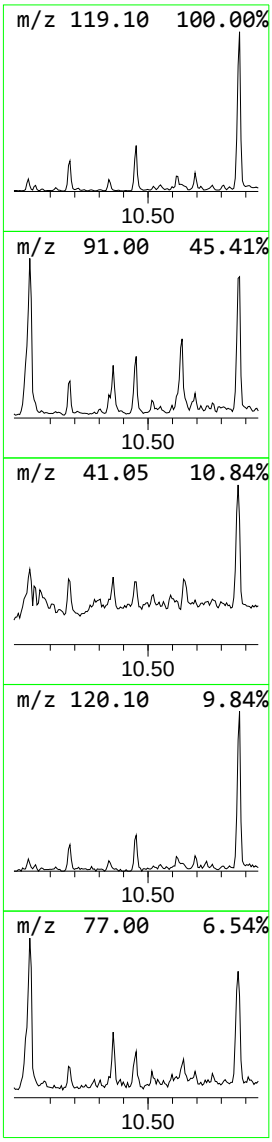
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 2,4,4,6-Tetramethyl-6-pheny... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.451	2.99 ng	236103	Acenaphthene-d10	9.851

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	78
2	2,4,4,6-Tetramethyl-6-phenyl-1-h...	230	C17H26	1000293-27-9	78
3	Benzene, 1,1'-(1,1,2,2-tetrameth...	238	C18H22	001889-67-4	64
4	p-Menthane, 2,3-dibromo-8-phenyl-	372	C16H22Br2	1000152-61-6	64
5	Benzoic acid, 4-methyl-, 4-(etho...	326	C18H18N2O4	1000264-76-0	64





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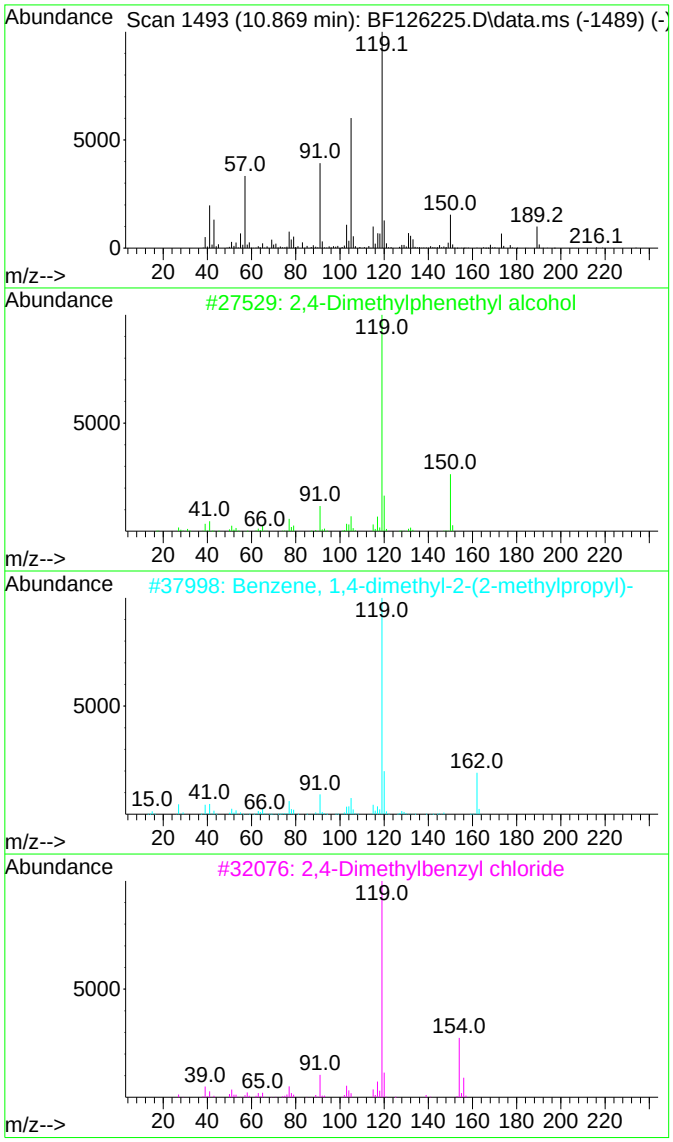
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

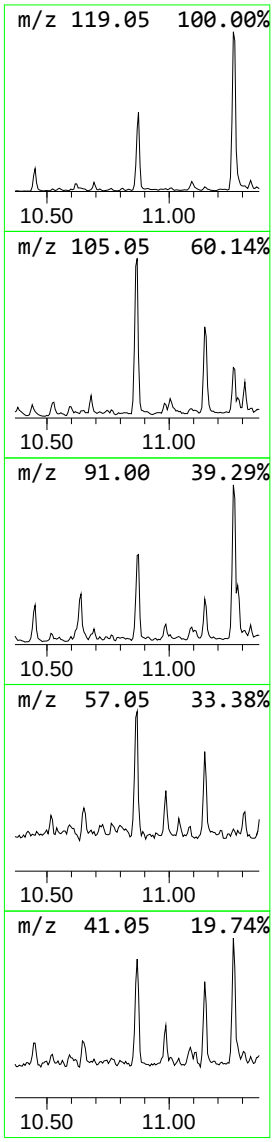
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 2,4-Dimethylphenethyl alcohol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.869	20.43 ng	1172590	Phenanthrene-d10	11.333

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4-Dimethylphenethyl alcohol	150	C10H14O	006597-59-7	64
2	Benzene, 1,4-dimethyl-2-(2-methy...	162	C12H18	055669-88-0	53
3	2,4-Dimethylbenzyl chloride	154	C9H11Cl	000824-55-5	53
4	Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	53
5	Benzamide, 2,N-dimethyl-N-allyl-	189	C12H15NO	1000446-30-5	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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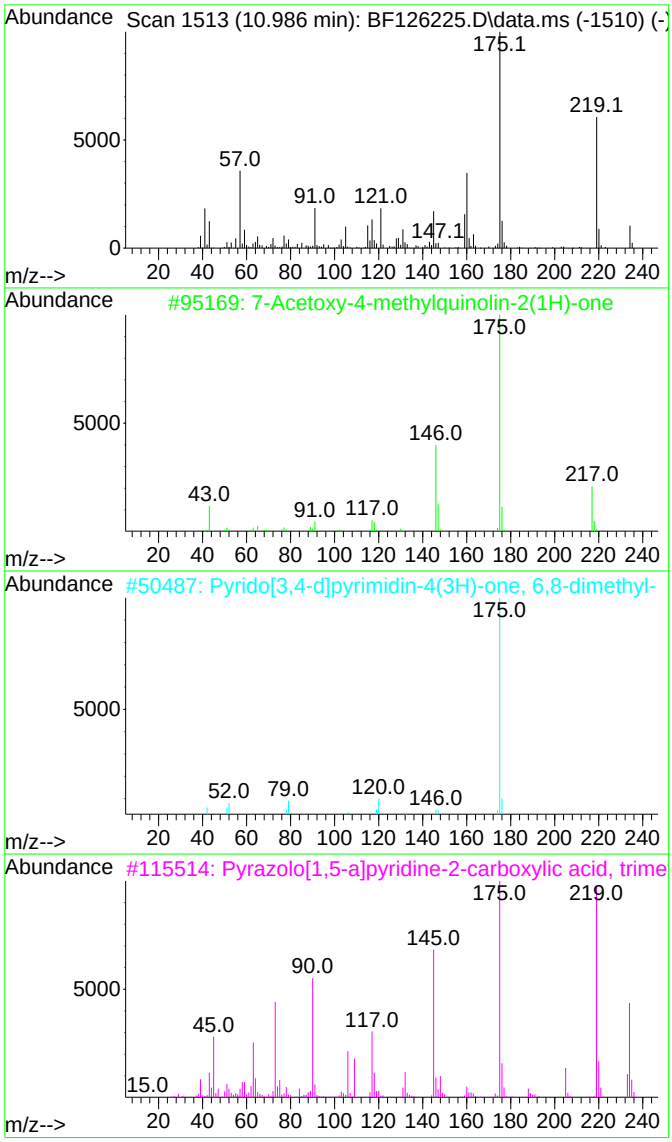
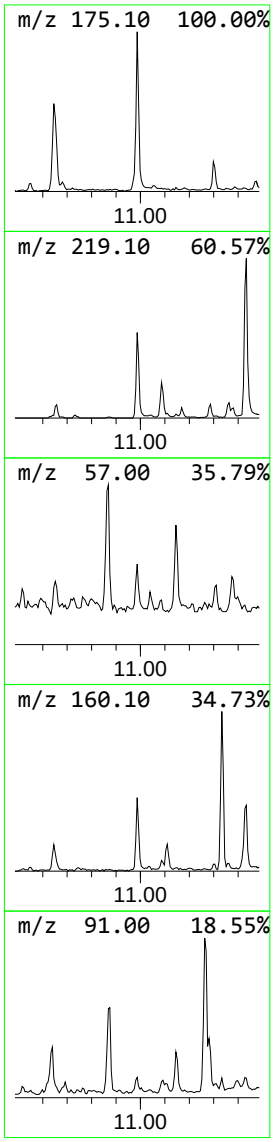
Peak Number 11 unknown10.986 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.986	6.03 ng	346232	Phenanthrene-d10	11.333

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7-Acetoxy-4-methylquinolin-2(1H)...	217	C12H11NO3	1000257-38-8	35
2	Pyrido[3,4-d]pyrimidin-4(3H)-one...	175	C9H9N3O	022378-51-4	27
3	Pyrazolo[1,5-a]pyridine-2-carbox...	234	C11H14N2O2Si	1000472-63-7	27
4	7-Amino-4-methyl-1,8-naphthyridi...	175	C9H9N3O	001569-15-9	27
5	3-Amino-1-phenyl-2-pyrazolin-5-one	175	C9H9N3O	004149-06-8	27





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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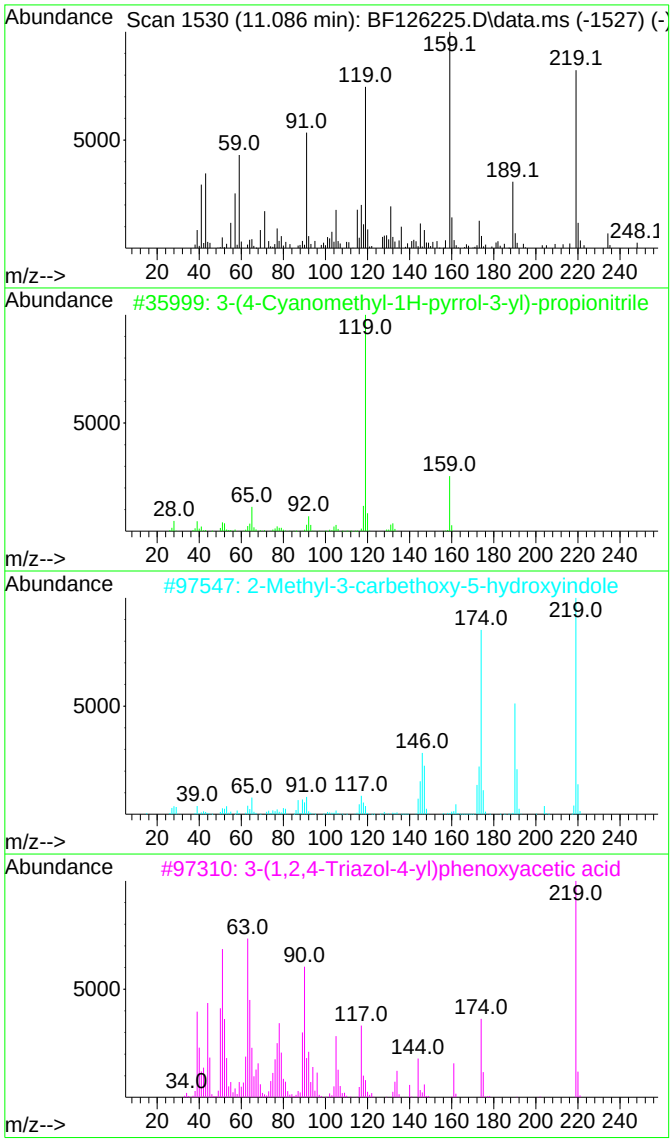
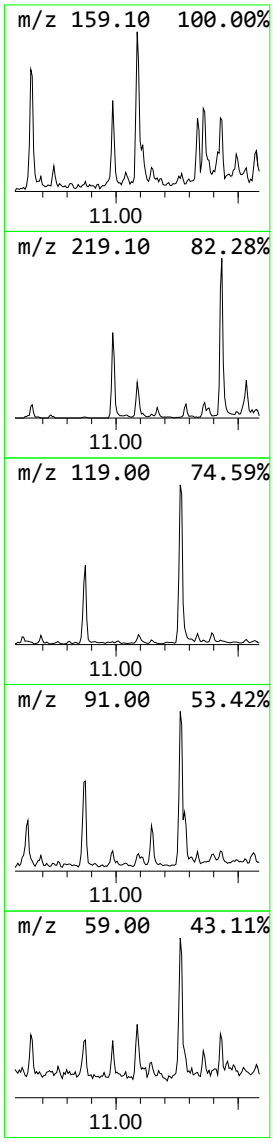
Peak Number 12 unknown11.086 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.086	3.71 ng	213242	Phenanthrene-d10	11.333

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-(4-Cyanomethyl-1H-pyrrol-3-yl)...	159	C9H9N3	106491-24-1	38
2	2-Methyl-3-carbethoxy-5-hydroxyi...	219	C12H13NO3	007598-91-6	35
3	3-(1,2,4-Triazol-4-yl)phenoxyace...	219	C10H9N3O3	847606-79-5	35
4	1-Naphthalenol, 6-amino-	159	C10H9NO	023894-12-4	25
5	2(1H)-Quinolinone, 4-methyl-	159	C10H9NO	000607-66-9	25





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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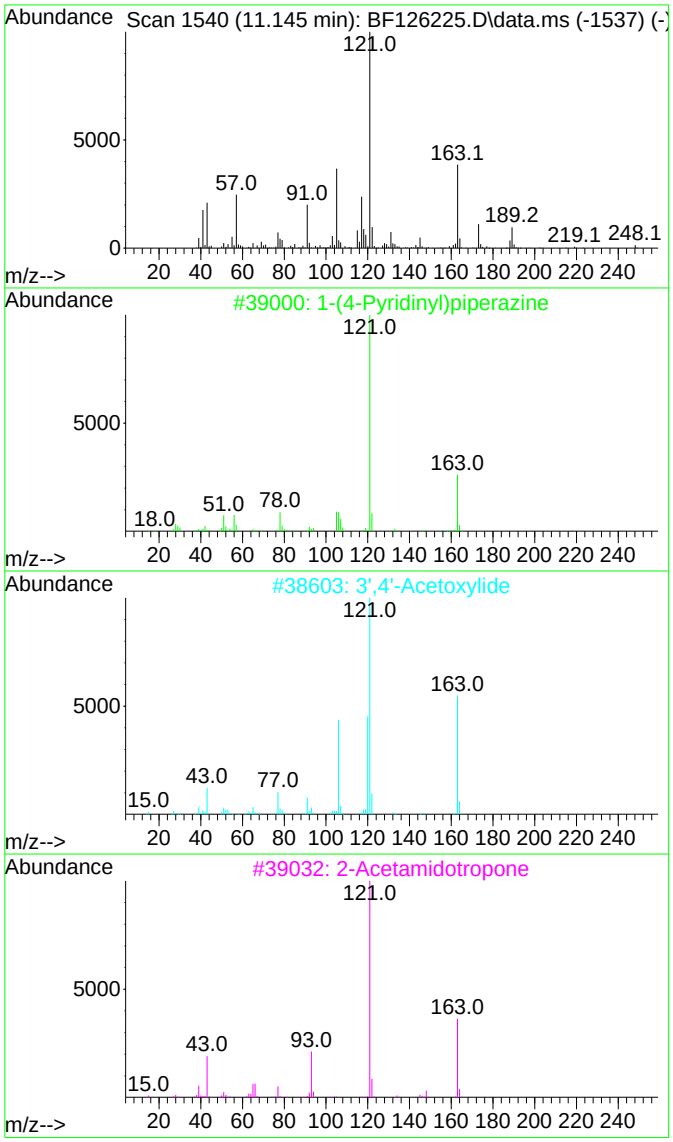
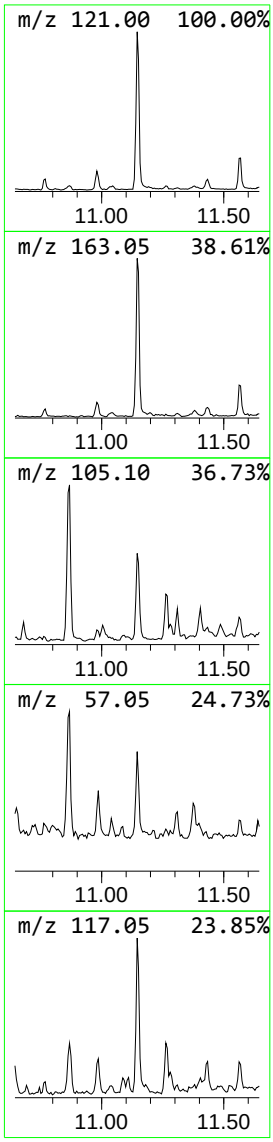
Peak Number 13 1-(4-Pyridinyl)piperazine Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.145	16.35 ng	938740	Phenanthrene-d10	11.333

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-(4-Pyridinyl)piperazine	163	C9H13N3	001008-91-9	53
2	3',4'-Acetoxylide	163	C10H13NO	002198-54-1	52
3	2-Acetamidotropone	163	C9H9NO2	006422-12-4	50
4	1,3-Cyclohexadiene, 1,5,5,6-tetr...	136	C10H16	000514-94-3	43
5	Pyridine-4-carboximidamide	121	C6H7N3	033278-46-5	43





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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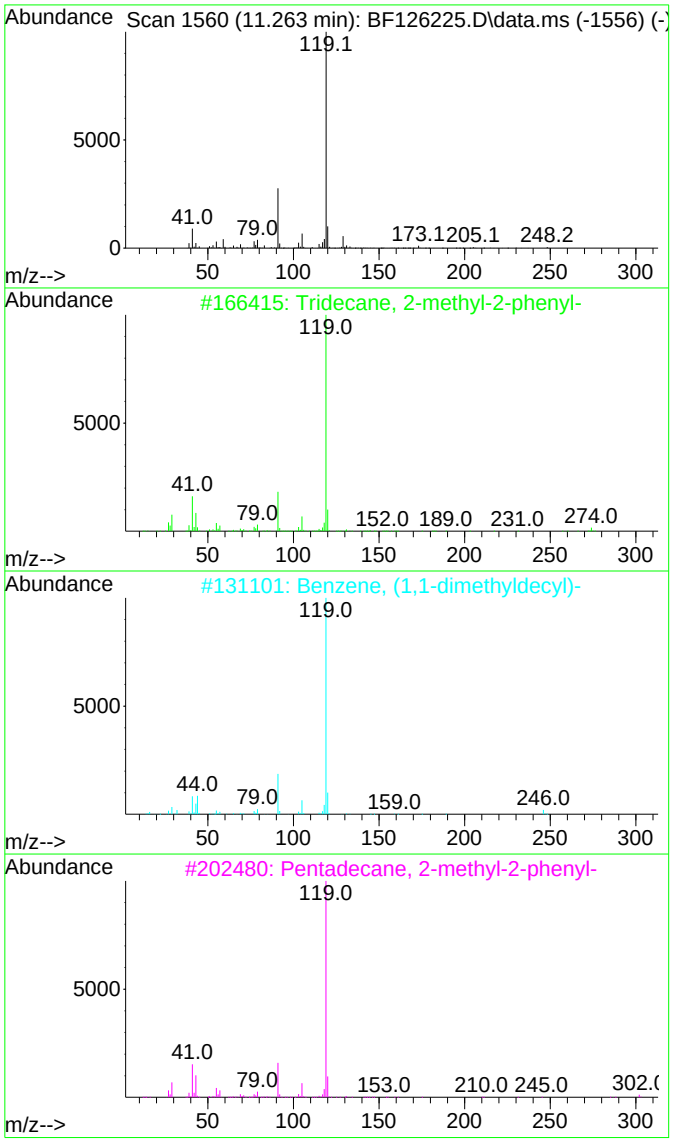
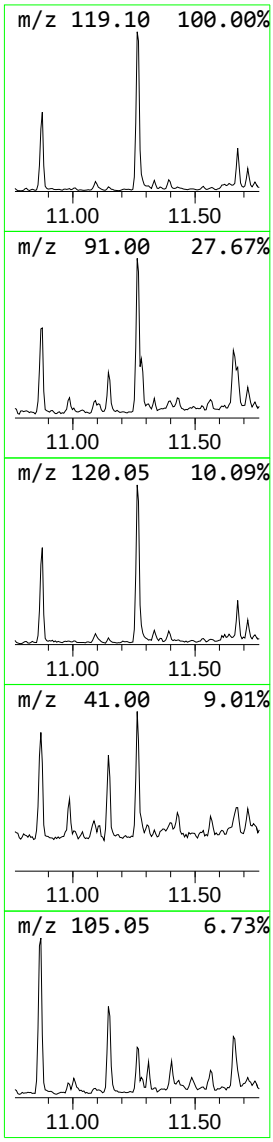
Peak Number 14 Tridecane, 2-methyl-2-phenyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.263	23.29 ng	1336880	Phenanthrene-d10	11.333

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 2-methyl-2-phenyl-	274	C20H34	027854-41-7	72
2	Benzene, (1,1-dimethyldecyl)-	246	C18H30	027854-40-6	72
3	Pentadecane, 2-methyl-2-phenyl-	302	C22H38	029138-94-1	72
4	p-Menthane, 2,3-dibromo-8-phenyl-	372	C16H22Br2	1000152-61-6	64
5	Cumene hydroperoxide, TMS deriva...	224	C12H20O2Si	018057-16-4	64





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Sample : M4919-02
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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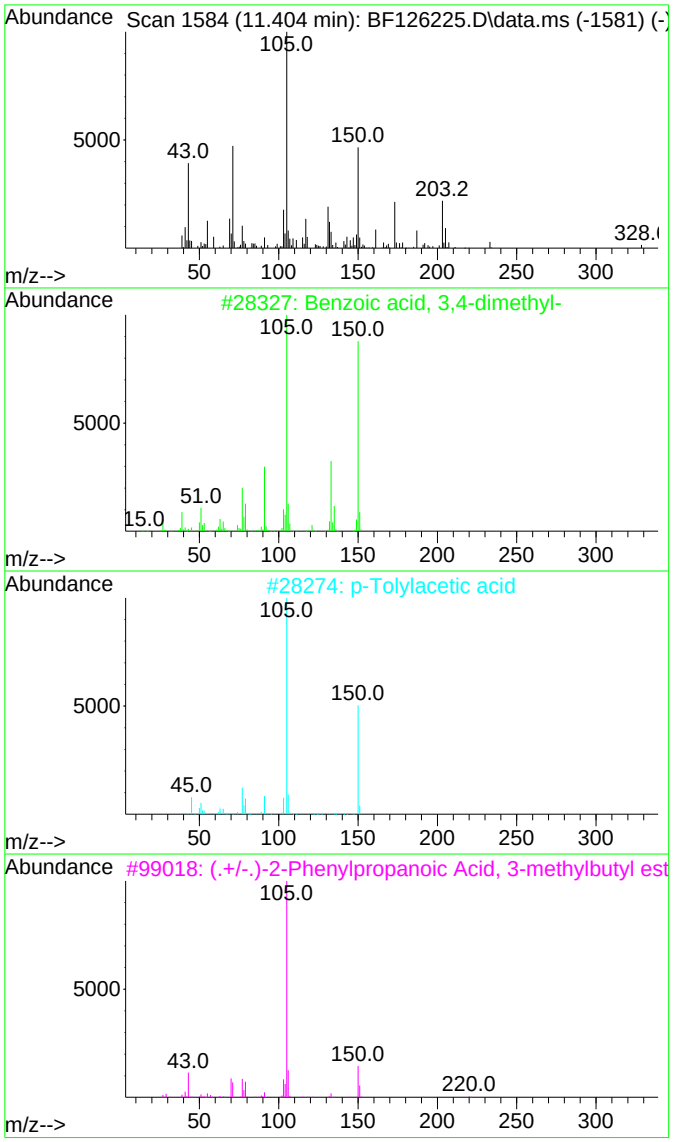
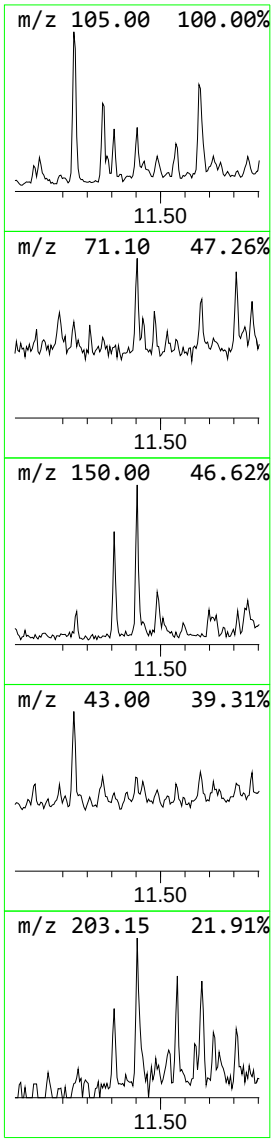
Peak Number 15 unknown11.404 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.404	3.61 ng	207029	Phenanthrene-d10	11.333

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzoic acid, 3,4-dimethyl-	150	C9H10O2	000619-04-5	22
2	p-Tolylacetic acid	150	C9H10O2	000622-47-9	18
3	(.+/-.)-2-Phenylpropanoic Acid, ...	220	C14H20O2	1000453-22-6	16
4	m-Tolylacetic acid	150	C9H10O2	000621-36-3	12
5	o-Tolylacetic acid	150	C9H10O2	000644-36-0	12





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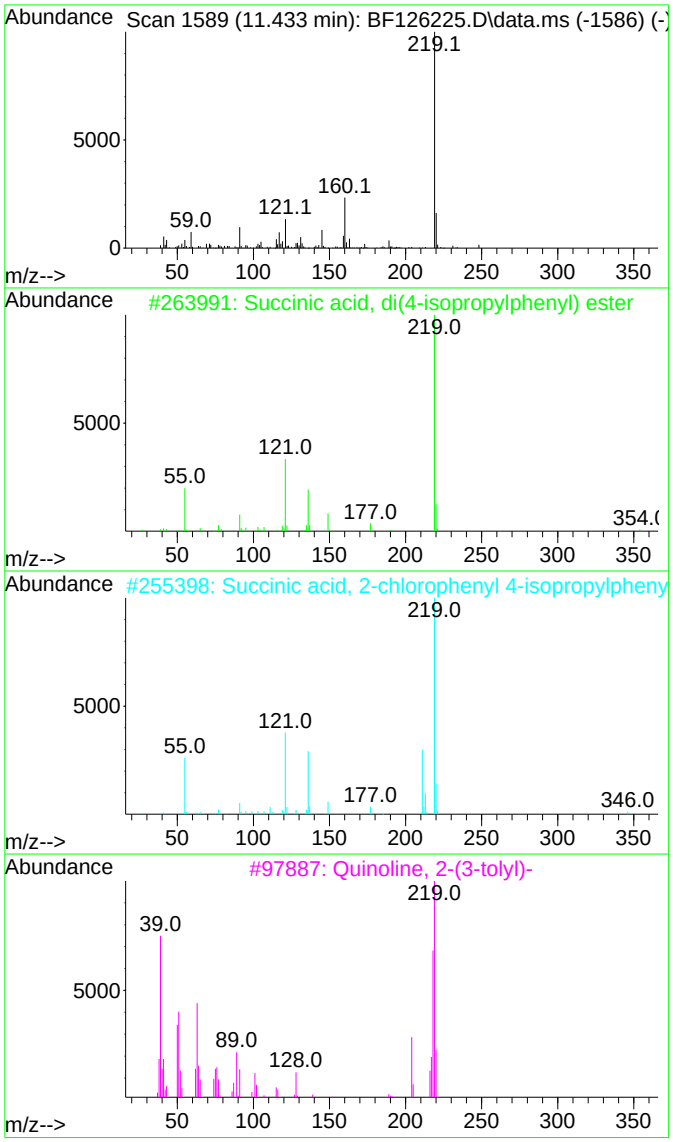
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

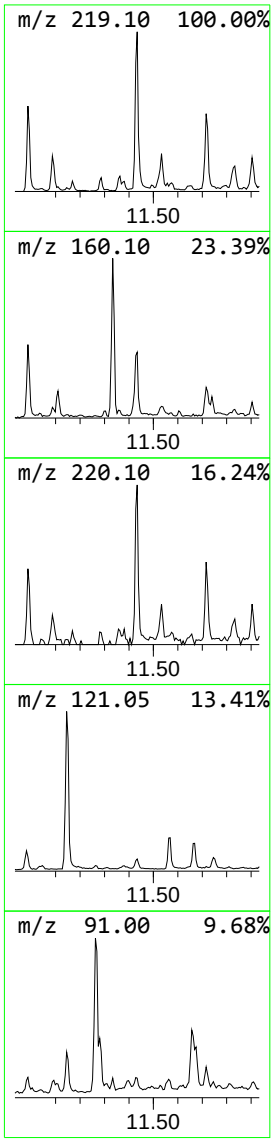
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Succinic acid, di(4-isoprop... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.433	5.36 ng	307667	Phenanthrene-d10	11.333

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Succinic acid, di(4-isopropylphe...	354	C22H26O4	1000326-00-3	50
2	Succinic acid, 2-chlorophenyl 4-...	346	C19H19ClO4	1000357-55-4	50
3	Quinoline, 2-(3-tolyl)-	219	C16H13N	024641-30-3	47
4	6-(2-Hydroxy-1-methoxy-3-methylb...	290	C16H18O5	1234985-51-3	42
5	3,5-di-tert-Butyl-4-hydroxybenza...	234	C15H22O2	001620-98-0	42





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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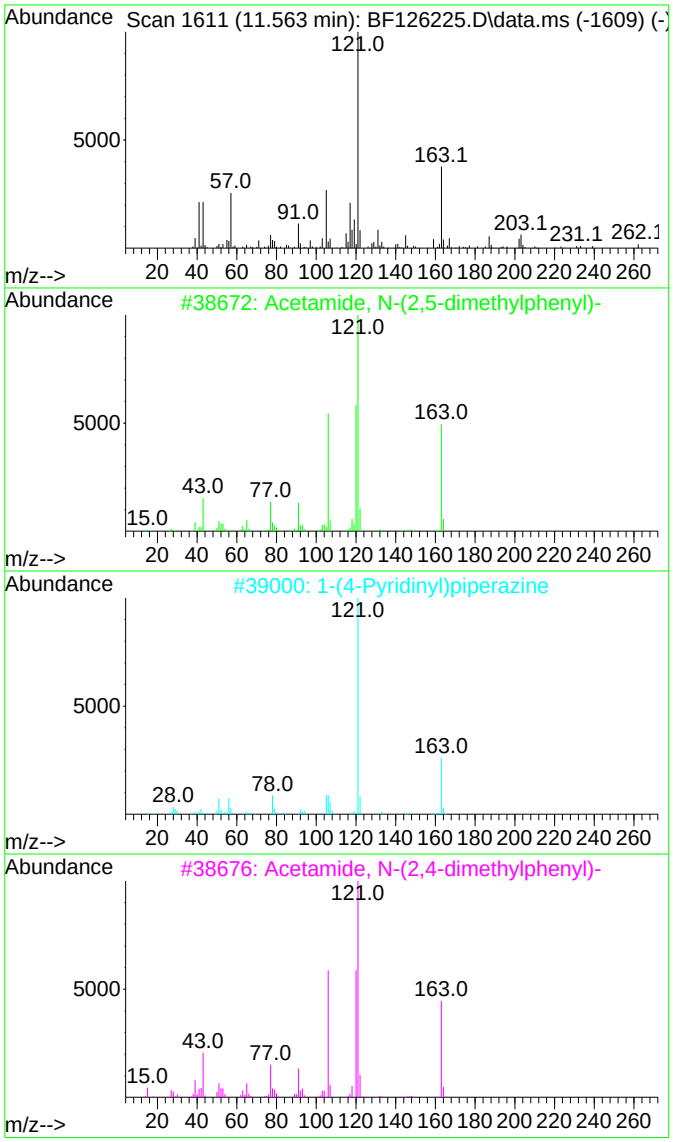
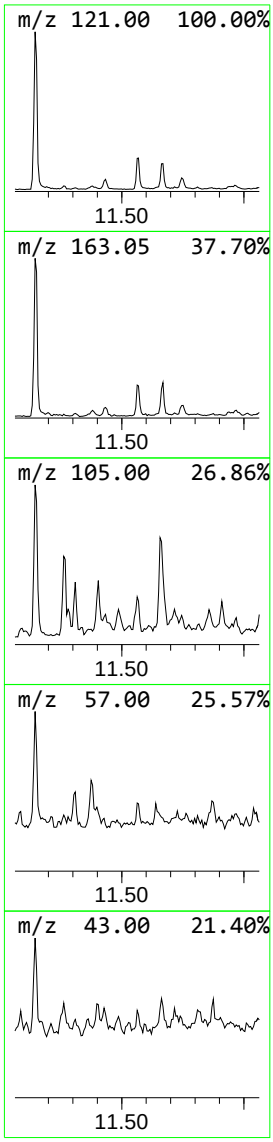
Peak Number 17 Acetamide, N-(2,5-dimethylp... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.563	3.04 ng	174627	Phenanthrene-d10	11.333

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetamide, N-(2,5-dimethylphenyl)-	163	C10H13NO	002050-44-4	53
2	1-(4-Pyridinyl)piperazine	163	C9H13N3	001008-91-9	50
3	Acetamide, N-(2,4-dimethylphenyl)-	163	C10H13NO	002050-43-3	49
4	1-(Isocyanatomethyl)-4-(methylox...	163	C9H9NO2	056651-60-6	49
5	dl-2-Phenyl-1,2-propanediol	152	C9H12O2	004217-66-7	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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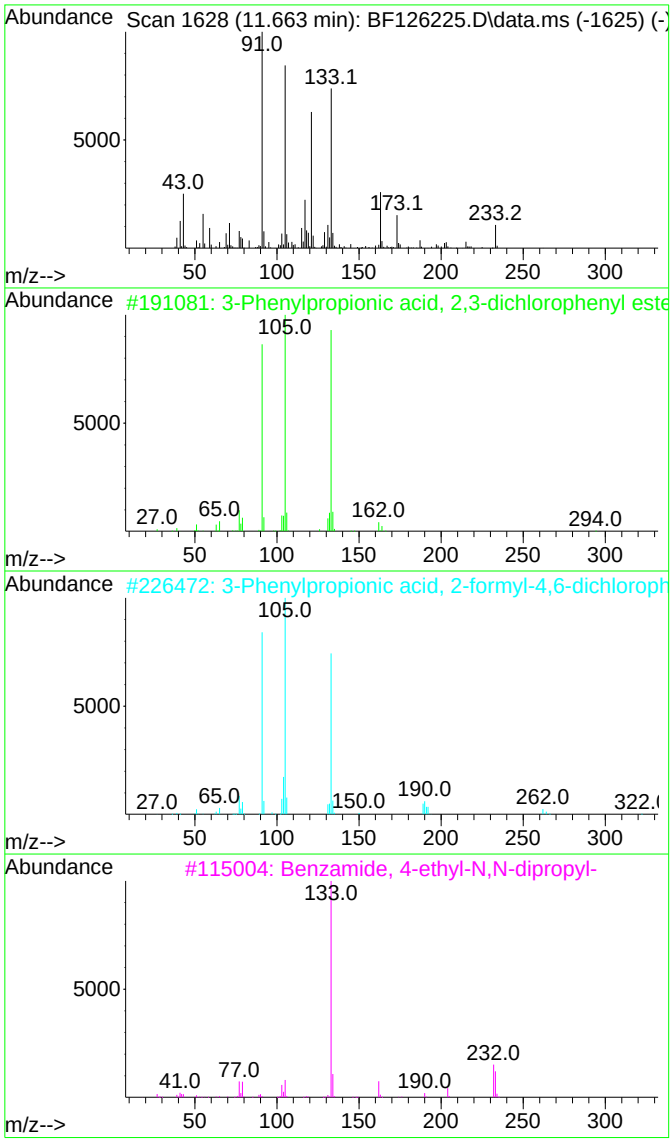
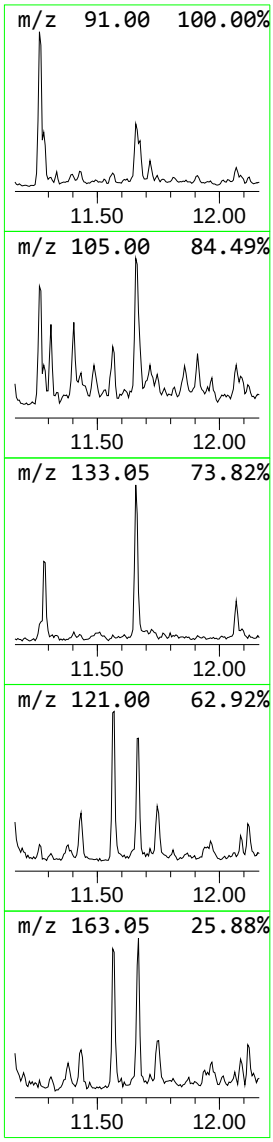
Peak Number 18 unknown11.663 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.663	5.82 ng	334242	Phenanthrene-d10	11.333

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Phenylpropionic acid, 2,3-dich...	294	C15H12Cl2O2	1000331-06-3	43
2	3-Phenylpropionic acid, 2-formyl...	322	C16H12Cl2O3	1000331-06-4	43
3	Benzamide, 4-ethyl-N,N-dipropyl-	233	C15H23NO	1000438-15-7	41
4	Propionitrile, 3-[(isochroman-1-...	216	C13H16N2O	1000302-78-5	38
5	3-Phenylpropionic acid, 2-fluoro...	244	C15H13FO2	1000325-75-9	37





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121621\
Data File : BF126225.D
Acq On : 16 Dec 2021 22:28
Operator : JU/CG
Sample : M4919-02
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FDR-MW-3-20211202

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

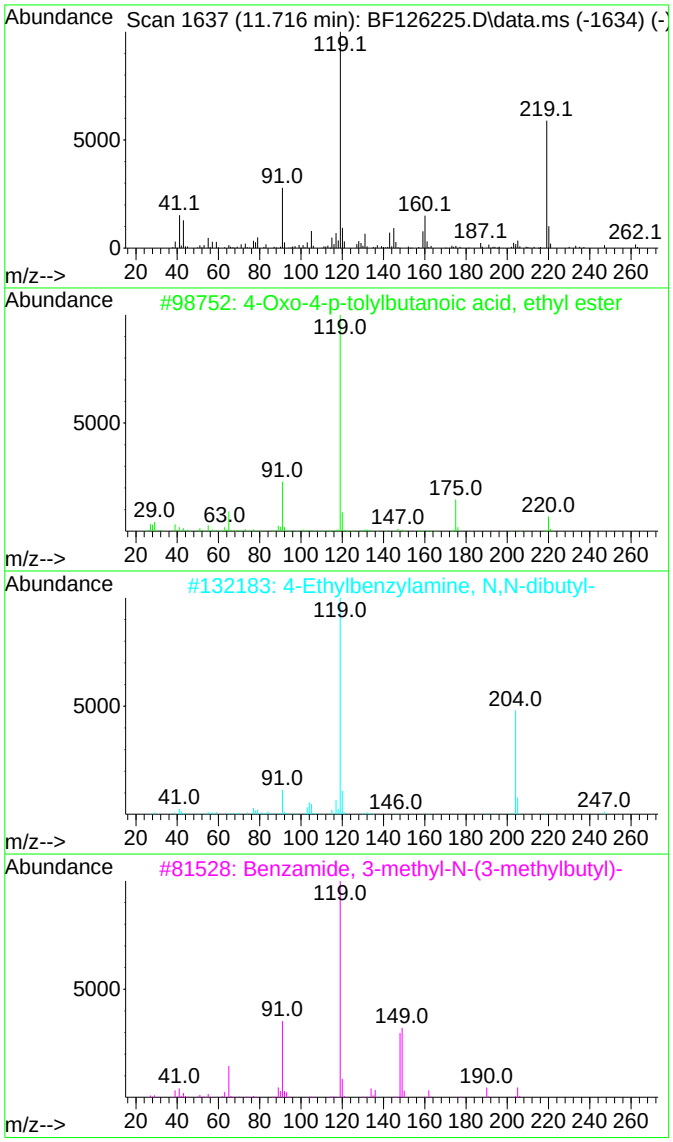
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

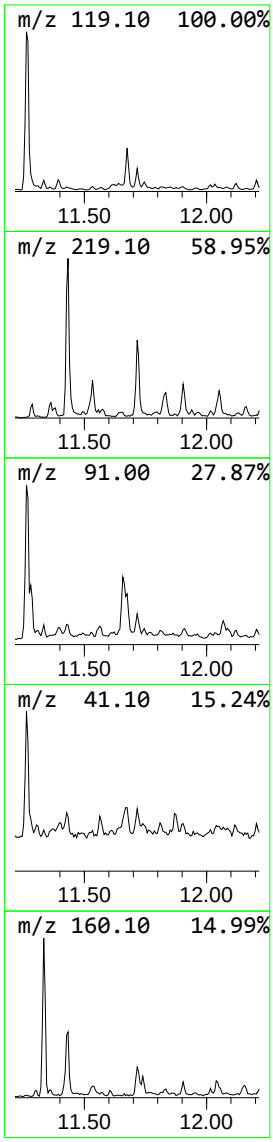
****

Peak Number 19 unknown11.716 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.716	4.90 ng	281183	Phenanthrene-d10	11.333

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Oxo-4-p-tolylbutanoic acid, et...	220	C13H16O3	006942-61-6	43
2	4-Ethylbenzylamine, N,N-dibutyl-	247	C17H29N	1000310-42-4	43
3	Benzamide, 3-methyl-N-(3-methylb...	205	C13H19NO	1000407-41-2	43
4	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	38
5	Benzene, 1-(1,5-dimethylhexyl)-4...	204	C15H24	001461-02-5	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121621\
Data File : BF126225.D
Acq On : 16 Dec 2021 22:28
Operator : JU/CG
Sample : M4919-02
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FDR-MW-3-20211202

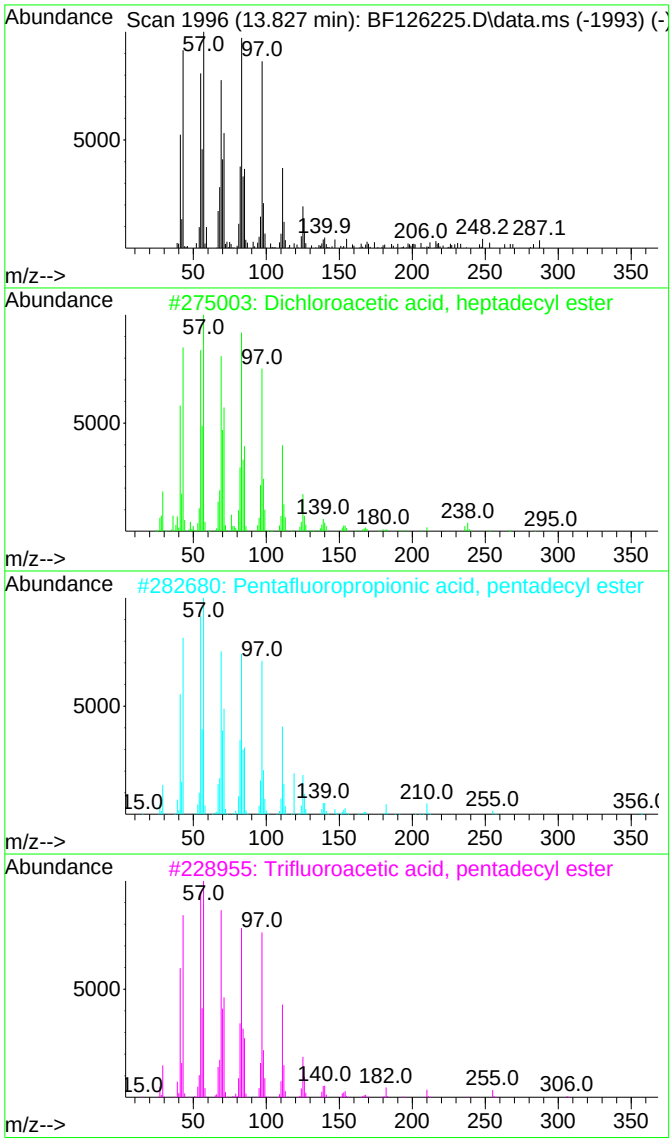
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

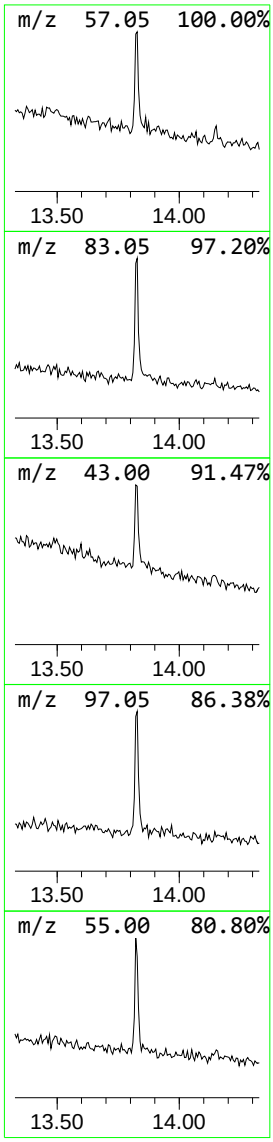
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 Dichloroacetic acid, heptad... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.827	4.14 ng	223154	Chrysene-d12	13.969

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	94
2	Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	91
3	Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	91
4	n-Nonadecanol-1	284	C19H40O	001454-84-8	91
5	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121621\
Data File : BF126225.D
Acq On : 16 Dec 2021 22:28
Operator : JU/CG
Sample : M4919-02
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FDR-MW-3-20211202

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.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
1,3,8-p-Menthat...	6.622	7.1	ng	410378	1	6.816	1153320	20.0
2-Pentanone, 4-...	8.986	3.2	ng	255688	3	9.851	1580450	20.0
unknown9.592	9.592	6.8	ng	535984	3	9.851	1580450	20.0
Benzene, (1,1-d...	9.904	3.2	ng	254309	3	9.851	1580450	20.0
Trimethoxyvinyl...	10.016	13.7	ng	1083390	3	9.851	1580450	20.0
unknown10.139	10.139	3.1	ng	245190	3	9.851	1580450	20.0
unknown10.175	10.175	3.9	ng	308903	3	9.851	1580450	20.0
unknown10.357	10.357	3.9	ng	306543	3	9.851	1580450	20.0
2,4,4,6-Tetrame...	10.451	3.0	ng	236103	3	9.851	1580450	20.0
2,4-Dimethylphe...	10.869	20.4	ng	1172590	4	11.333	1148070	20.0
unknown10.986	10.986	6.0	ng	346232	4	11.333	1148070	20.0
unknown11.086	11.086	3.7	ng	213242	4	11.333	1148070	20.0
1-(4-Pyridinyl)...	11.145	16.4	ng	938740	4	11.333	1148070	20.0
Tridecane, 2-me...	11.263	23.3	ng	1336880	4	11.333	1148070	20.0
unknown11.404	11.404	3.6	ng	207029	4	11.333	1148070	20.0
Succinic acid, ...	11.433	5.4	ng	307667	4	11.333	1148070	20.0
Acetamide, N-(2...	11.563	3.0	ng	174627	4	11.333	1148070	20.0
unknown11.663	11.663	5.8	ng	334242	4	11.333	1148070	20.0
unknown11.716	11.716	4.9	ng	281183	4	11.333	1148070	20.0
Dichloroacetic ...	13.827	4.1	ng	223154	5	13.969	1078570	20.0