LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102220\
Data File : BF122084.D
Acq On : 22 Oct 2020 15:28
Operator : JU/CG
Sample : L4463-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VNJ-238

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-BF101220.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF122084.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.945	483	486	498	rBV	28118	49251	1.80%	0.200%
2	5.351	552	555	586	rBV	2317714	2522393	92.05%	10.268%
3	6.381	726	730	751	rBV	2458940	2551648	93.12%	10.387%
4	6.575	760	763	786	rVB	93299	160611	5.86%	0.654%
5	6.728	786	789	796	rBV	690117	565792	20.65%	2.303%
6	7.298	882	886	907	rBV	1909084	1774588	64.76%	7.224%
7	8.010	1003	1007	1025	rVB	830697	773713	28.24%	3.150%
8	9.081	1185	1189	1200	rBV	2719717	2729773	99.62%	11.112%
9	9.204	1205	1210	1219	rVB	768052	750744	27.40%	3.056%
10	9.480	1254	1257	1265	rBV	442291	391930	14.30%	1.595%
11	9.622	1279	1281	1286	rVB	36174	32869	1.20%	0.134%
12	9.757	1301	1304	1317	rVB	1029246	908405	33.15%	3.698%
13	10.339	1400	1403	1415	rVB	206753	256146	9.35%	1.043%
14	10.551	1435	1439	1454	rBV	1860898	1961928	71.60%	7.987%
15	11.245	1553	1557	1560	rBV	1102994	953615	34.80%	3.882%
16	11.269	1560	1561	1565	rVV	182205	119855	4.37%	0.488%
17	11.322	1568	1570	1574	rVB	57360	54296	1.98%	0.221%
18	11.427	1584	1588	1594	rVB2	27574	44940	1.64%	0.183%
19	11.492	1594	1599	1602	rBV4	23070	37088	1.35%	0.151%
20	11.745	1639	1642	1645	rBV	65156	63173	2.31%	0.257%
21	11.774	1645	1647	1653	rVB	146424	137091	5.00%	0.558%
22	11.857	1658	1661	1663	rVV	96042	96787	3.53%	0.394%
23	11.880	1663	1665	1672	rVB	50299	53732	1.96%	0.219%
24	12.039	1690	1692	1697	rBV2	29637	36572	1.33%	0.149%
25	12.086	1697	1700	1703	rVB3	33103	34693	1.27%	0.141%
26	12.298	1732	1736	1739	rBV2	188072	262200	9.57%	1.067%
27	12.392	1748	1752	1755	rBV2	35261	48062	1.75%	0.196%
28	12.457	1760	1763	1766	rBV	347259	325627	11.88%	1.326%
29	12.480	1766	1767	1773	rVB2	119231	99878	3.64%	0.407%
30	12.610	1786	1789	1791	rBV2	42880	39579	1.44%	0.161%
31	12.686	1797	1802	1808	rBV	391304	426312	15.56%	1.735%
32	12.739	1809	1811	1815	rVB	42608	43891	1.60%	0.179%
33	12.827	1822	1826	1829	rBV	3010314	2740165	100.00%	11.155%
34	12.904	1835	1839	1846	rBV3	46088	79245	2.89%	0.323%
35	12.998	1851	1855	1856	rBV3	43204	50482	1.84%	0.206%
36	13.016	1856	1858	1861	rVB	44616	35907	1.31%	0.146%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102220\
Data File : BF122084.D
Acq On : 22 Oct 2020 15:28
Operator : JU/CG
Sample : L4463-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VNJ-238

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-BF101220.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	13.051	1861	1864	1868	rBV2	64055	98606	3.60%	0.401%
38	13.121	1873	1876	1880	rVB	66378	72915	2.66%	0.297%
39	13.216	1889	1892	1894	rBV	51753	43276	1.58%	0.176%
40	13.245	1894	1897	1899	rBV	44589	38968	1.42%	0.159%
41	13.392	1919	1922	1924	rBV2	35442	35218	1.29%	0.143%
42	13.533	1944	1946	1949	rVB	41423	37817	1.38%	0.154%
43	13.692	1970	1973	1975	rBV	26059	30297	1.11%	0.123%
44	13.727	1975	1979	1990	rVB2	266790	567573	20.71%	2.310%
45	13.857	1998	2001	2002	rBV	58404	52384	1.91%	0.213%
46	13.886	2002	2006	2009	rVV2	781954	843928	30.80%	3.435%
47	13.910	2009	2010	2015	rVB	141222	104844	3.83%	0.427%
48	14.051	2029	2034	2041	rVB7	27158	61168	2.23%	0.249%
49	14.274	2070	2072	2076	rVB	50081	42820	1.56%	0.174%
50	14.339	2080	2083	2086	rBV4	47342	55837	2.04%	0.227%
51	14.762	2152	2155	2158	rVB5	29262	32448	1.18%	0.132%
52	14.915	2177	2181	2183	rBV	78542	104093	3.80%	0.424%
53	15.015	2196	2198	2206	rVB2	29529	42966	1.57%	0.175%
54	15.204	2226	2230	2235	rBV	70340	82504	3.01%	0.336%
55	15.262	2237	2240	2245	rVV	73523	84347	3.08%	0.343%
56	15.315	2245	2249	2258	rVV	488997	637942	23.28%	2.597%
57	15.715	2314	2317	2322	rVB3	20783	30908	1.13%	0.126%
58	15.798	2327	2331	2332	rBV4	29763	40026	1.46%	0.163%
59	16.733	2485	2490	2497	rVB2	51734	97302	3.55%	0.396%
60	16.892	2512	2517	2522	rBV7	17641	38378	1.40%	0.156%
61	17.162	2559	2563	2572	rVB	36940	75659	2.76%	0.308%

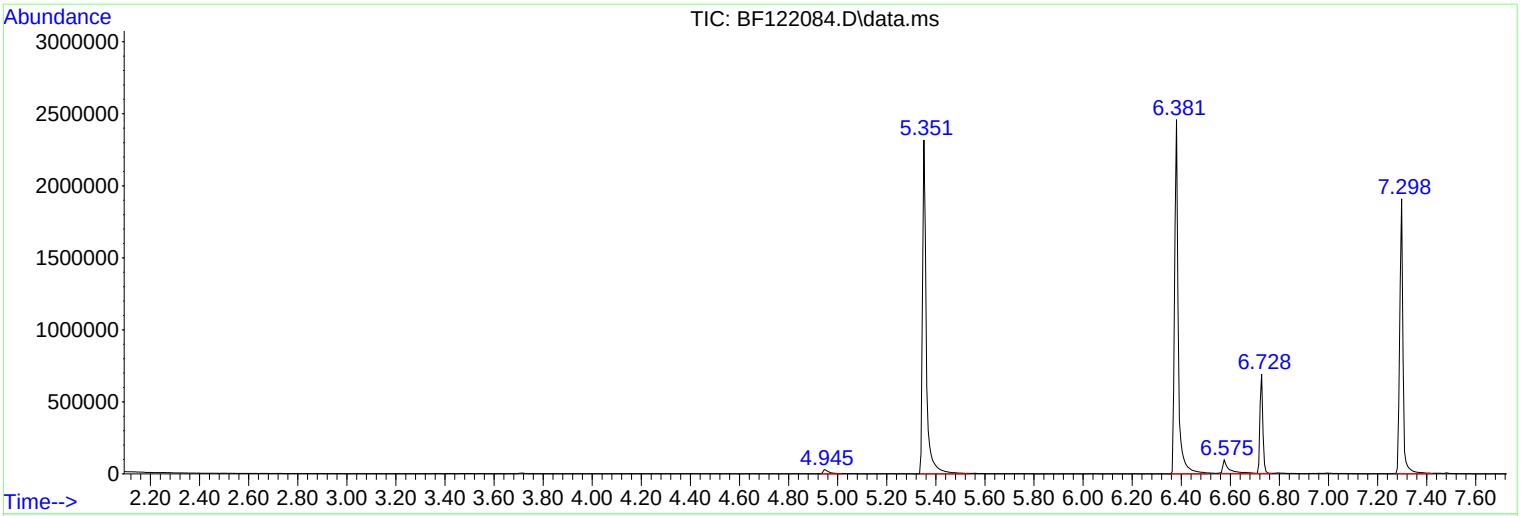
Sum of corrected areas: 24565205

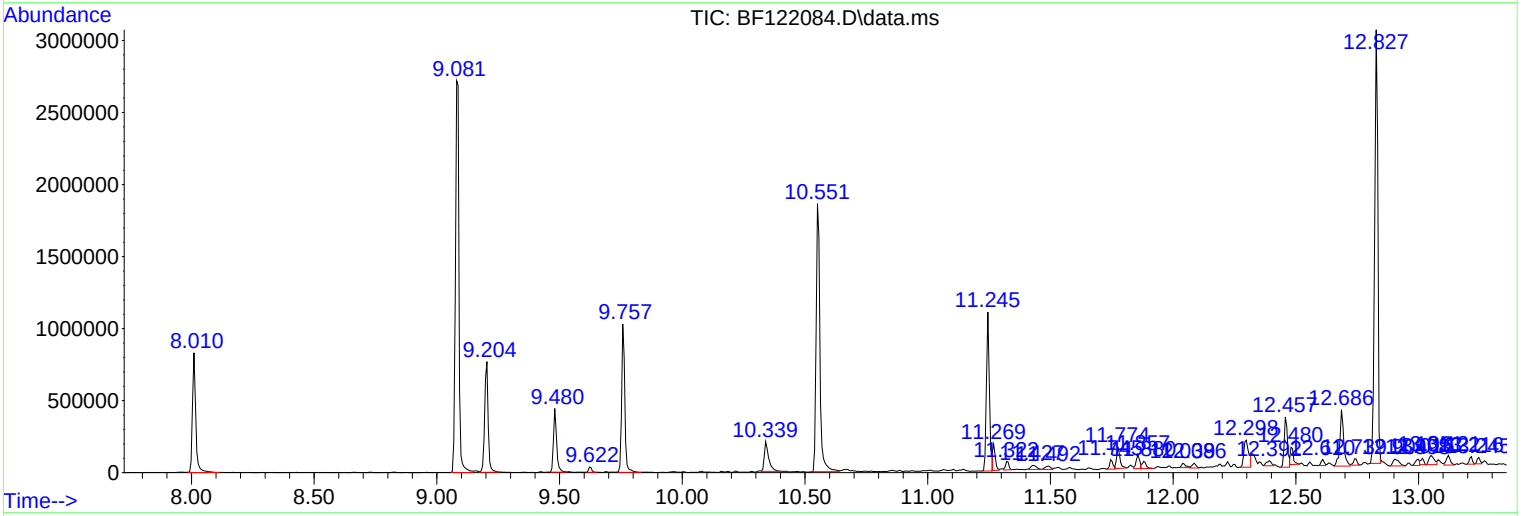
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102220\
Data File : BF122084.D
Acq On : 22 Oct 2020 15:28
Operator : JU/CG
Sample : L4463-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

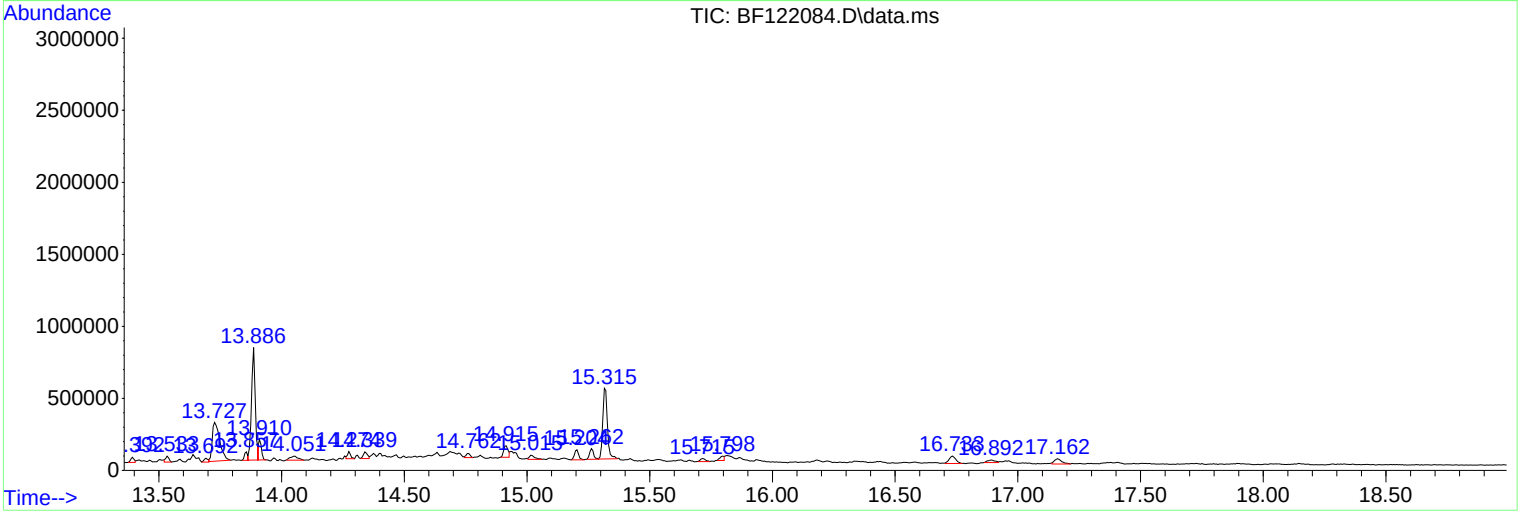
Instrument :
BNA_F
ClientSampleId :
VNJ-238

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P







Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102220\
Data File : BF122084.D
Acq On : 22 Oct 2020 15:28
Operator : JU/CG
Sample : L4463-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VNJ-238

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

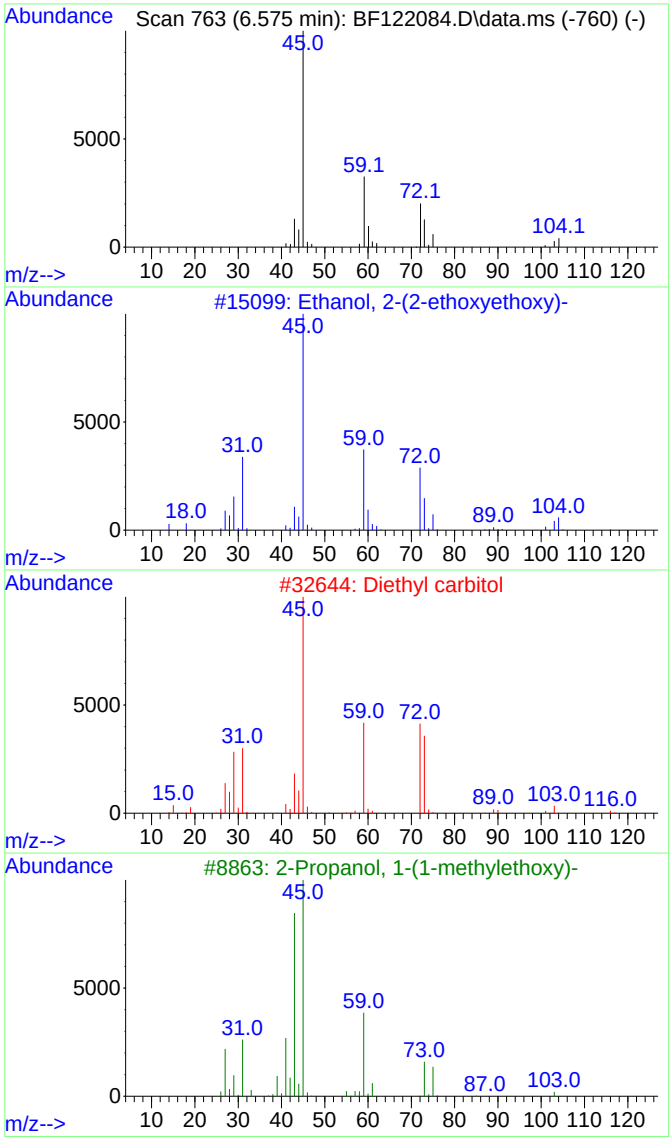
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

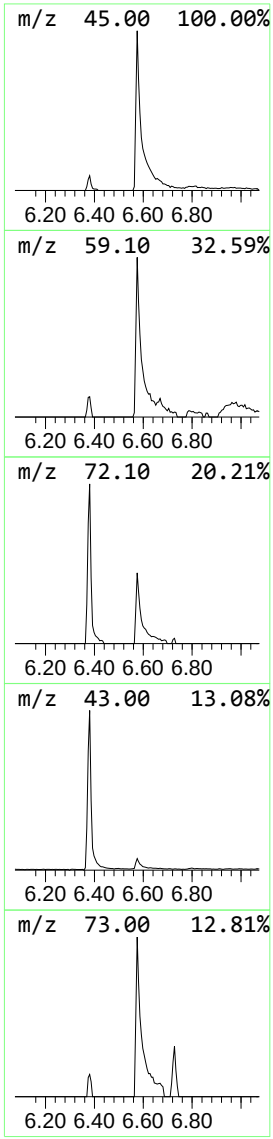
****

Peak Number 1 Ethanol, 2-(2-ethoxyethoxy)- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.575	5.68 ng	160611	1,4-Dichlorobenzene-d4	6.728

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-ethoxyethoxy)-	134	C6H14O3	000111-90-0	83
2	Diethyl carbitol	162	C8H18O3	000112-36-7	72
3	2-Propanol, 1-(1-methylethoxy)-	118	C6H14O2	003944-36-3	42
4	Ethanol, 2-(2-methoxyethoxy)-	120	C5H12O3	000111-77-3	42
5	2-Propanol, 1-propoxy-	118	C6H14O2	001569-01-3	39





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102220\
Data File : BF122084.D
Acq On : 22 Oct 2020 15:28
Operator : JU/CG
Sample : L4463-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VNJ-238

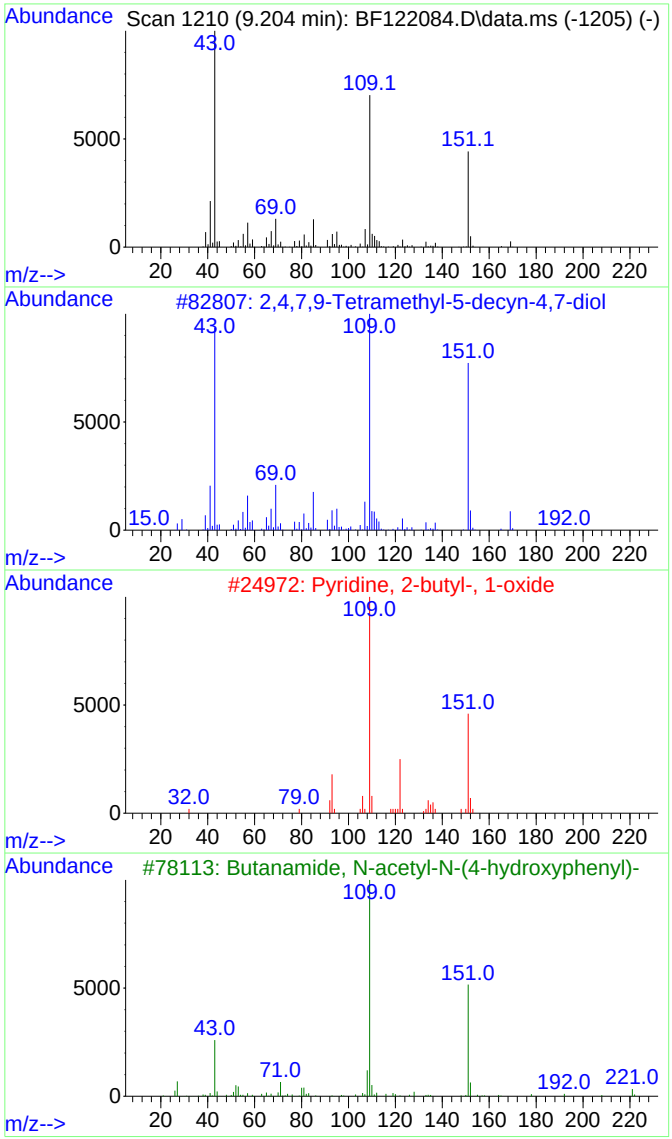
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

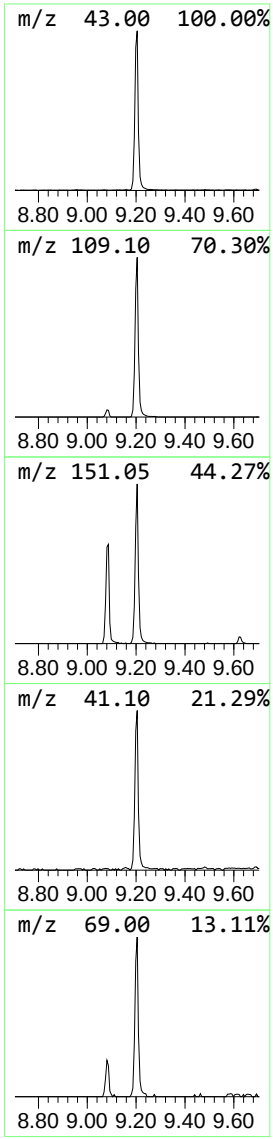
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 2,4,7,9-Tetramethyl-5-decyn... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.204	16.53 ng	750744	Acenaphthene-d10	9.757

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,7,9-Tetramethyl-5-decyn-4,7-...	226	C14H26O2	000126-86-3	90
2	Pyridine, 2-butyl-, 1-oxide	151	C9H13NO	031396-32-4	59
3	Butanamide, N-acetyl-N-(4-hydrox...	221	C12H15NO3	1000107-08-7	53
4	Acetaminophen	151	C8H9NO2	000103-90-2	53
5	3-Pyridinol, 4-methyl-, acetate ...	151	C8H9NO2	001006-96-8	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102220\
Data File : BF122084.D
Acq On : 22 Oct 2020 15:28
Operator : JU/CG
Sample : L4463-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-238

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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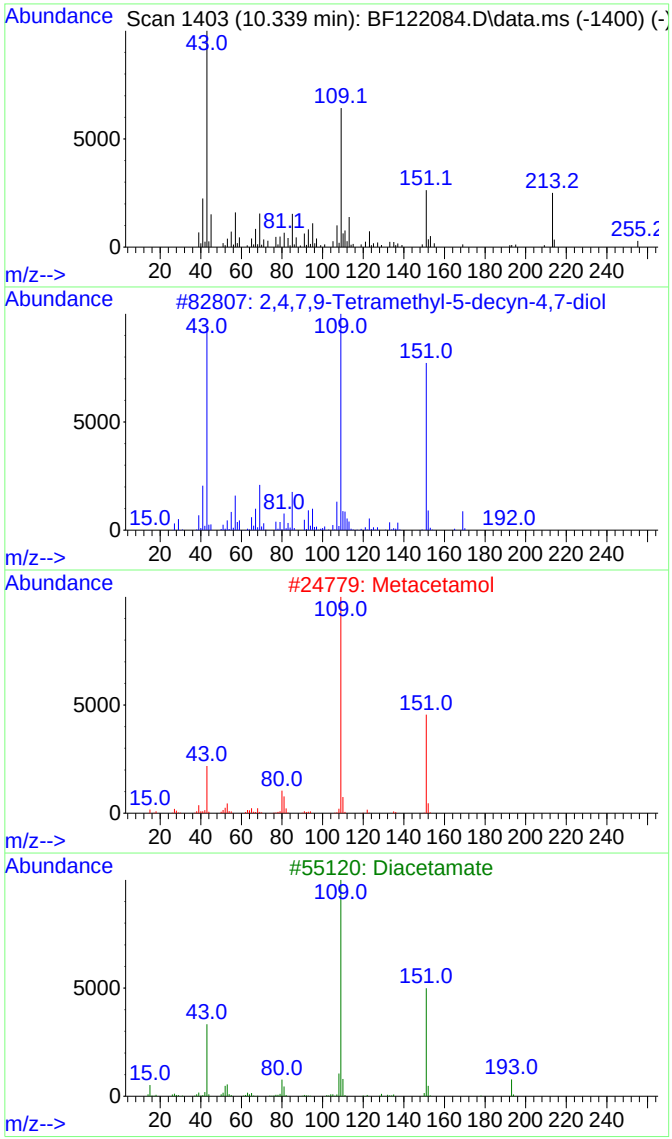
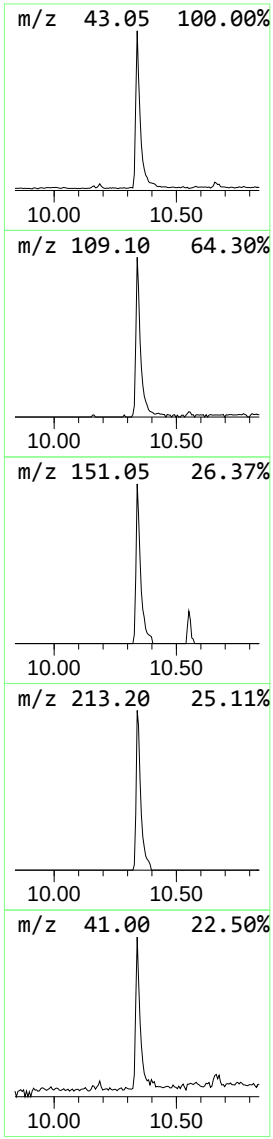
Peak Number 3 unknown10.33 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.339	5.64 ng	256146	Acenaphthene-d10	9.757

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,7,9-Tetramethyl-5-decyn-4,7-...	226	C14H26O2	000126-86-3	58
2	Metacetamol	151	C8H9NO2	000621-42-1	38
3	Diacetamate	193	C10H11NO3	002623-33-8	38
4	m-Isopropoxyaniline	151	C9H13NO	041406-00-2	38
5	Acetaminophen	151	C8H9NO2	000103-90-2	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102220\
Data File : BF122084.D
Acq On : 22 Oct 2020 15:28
Operator : JU/CG
Sample : L4463-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VNJ-238

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

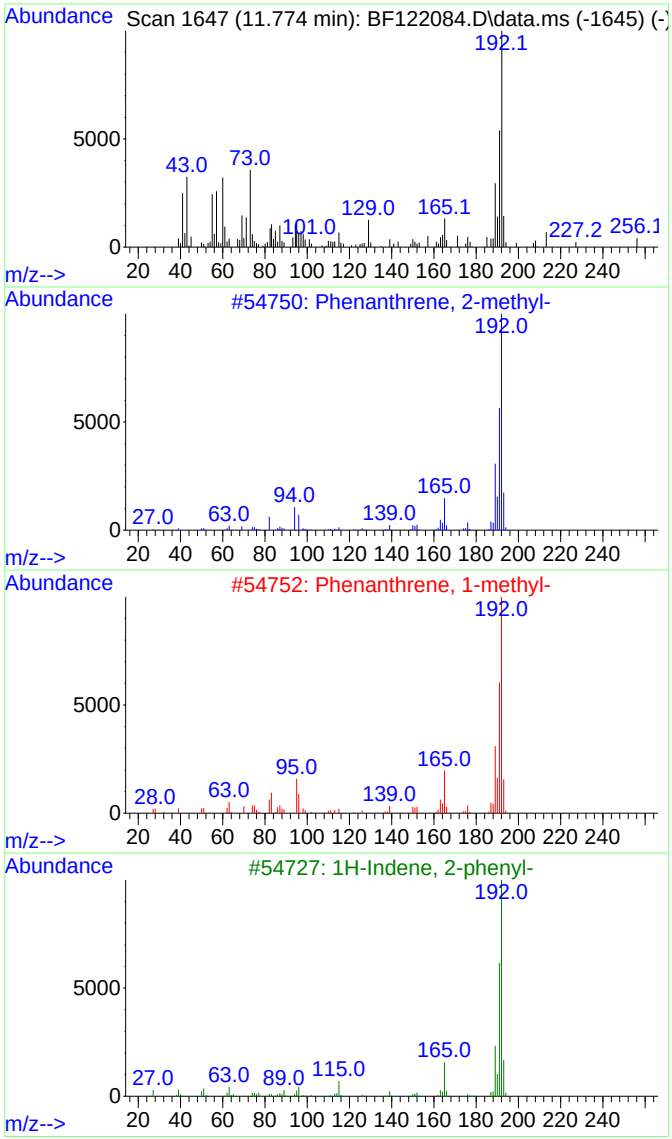
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

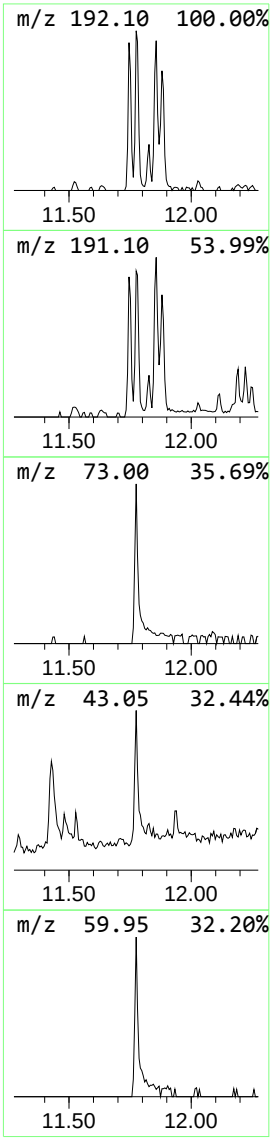
****

Peak Number 4 Phenanthrene, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.774	2.88 ng	137091	Phenanthrene-d10	11.245

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
3	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	92
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	92
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	92





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102220\
Data File : BF122084.D
Acq On : 22 Oct 2020 15:28
Operator : JU/CG
Sample : L4463-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-238

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

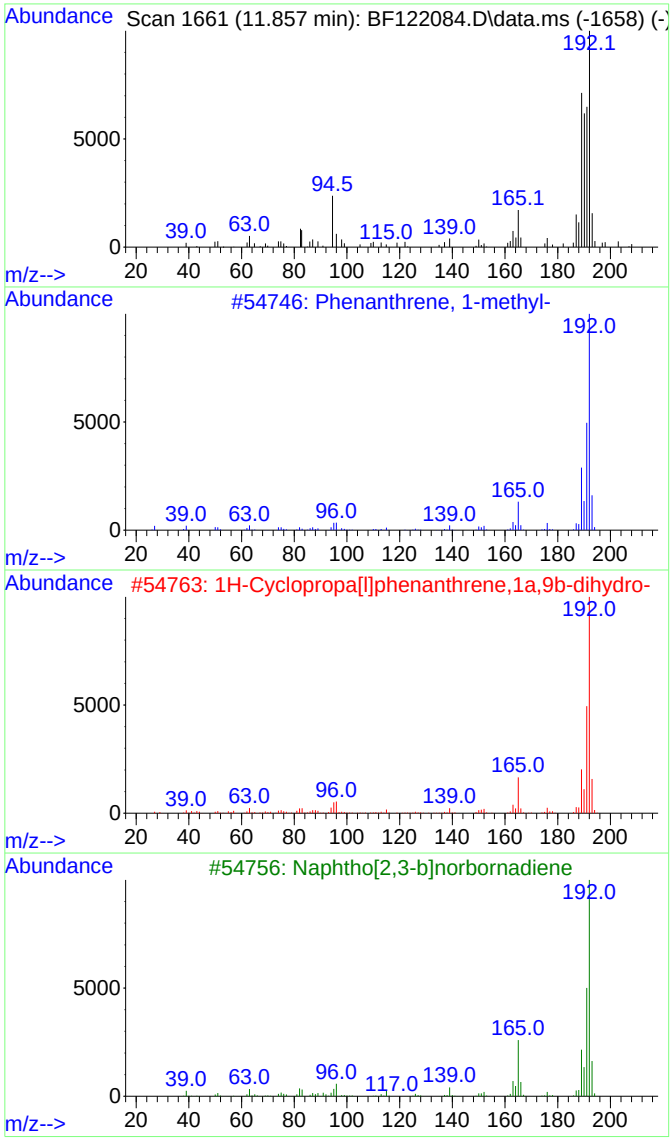
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

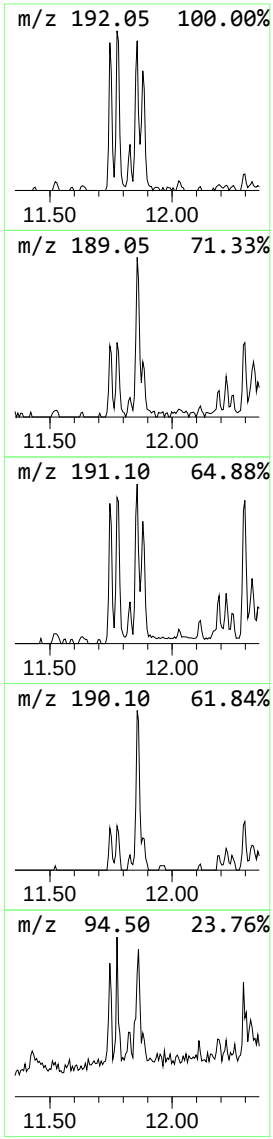
****

Peak Number 5 Phenanthrene, 1-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.857	2.03 ng	96787	Phenanthrene-d10	11.245

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	78
2	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	60
3	Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	60
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	55
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	55





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102220\
Data File : BF122084.D
Acq On : 22 Oct 2020 15:28
Operator : JU/CG
Sample : L4463-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VNJ-238

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

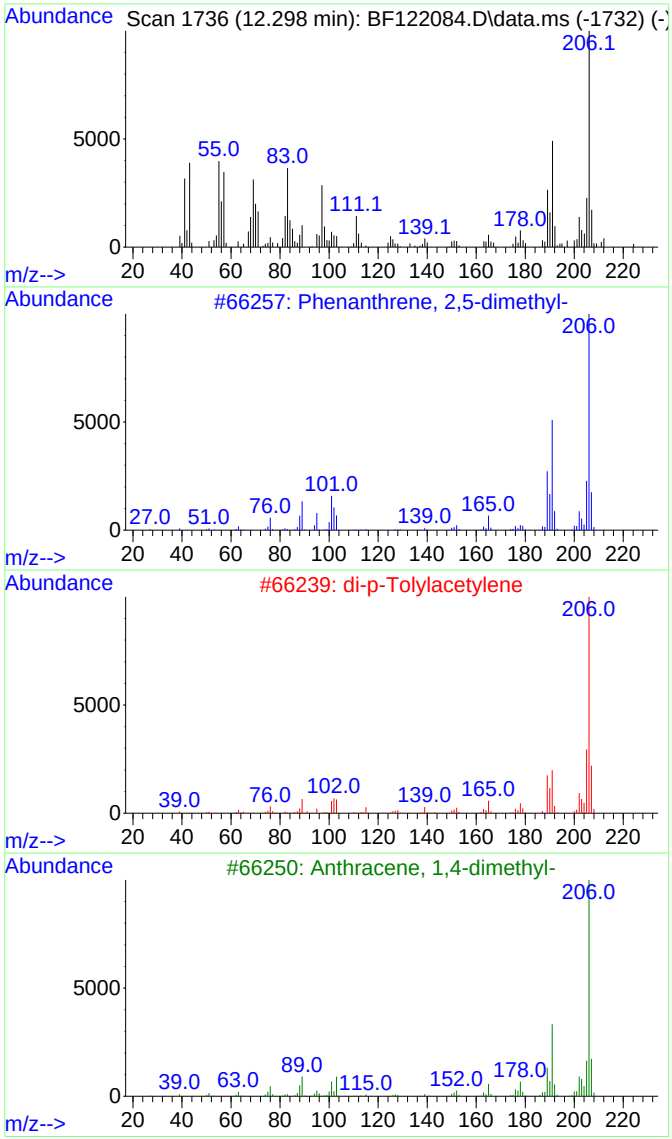
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

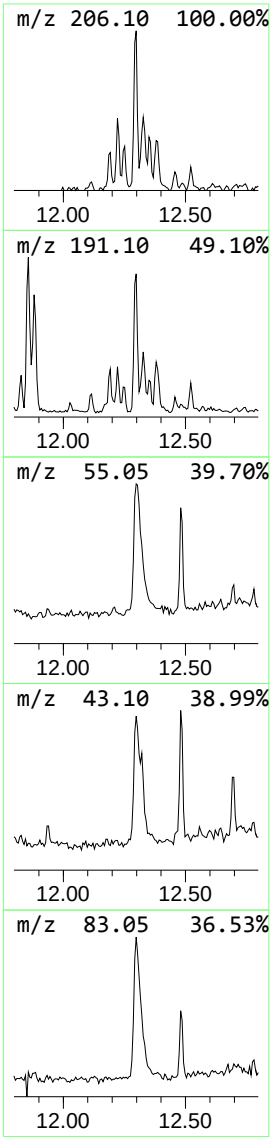
****

Peak Number 6 Phenanthrene, 2,5-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.298	5.50 ng	262200	Phenanthrene-d10	11.245

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	96
2	di-p-Tolylacetylene	206	C16H14	002789-88-0	95
3	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	93
4	9,10-Dimethylanthracene	206	C16H14	000781-43-1	92
5	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102220\
Data File : BF122084.D
Acq On : 22 Oct 2020 15:28
Operator : JU/CG
Sample : L4463-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VNJ-238

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

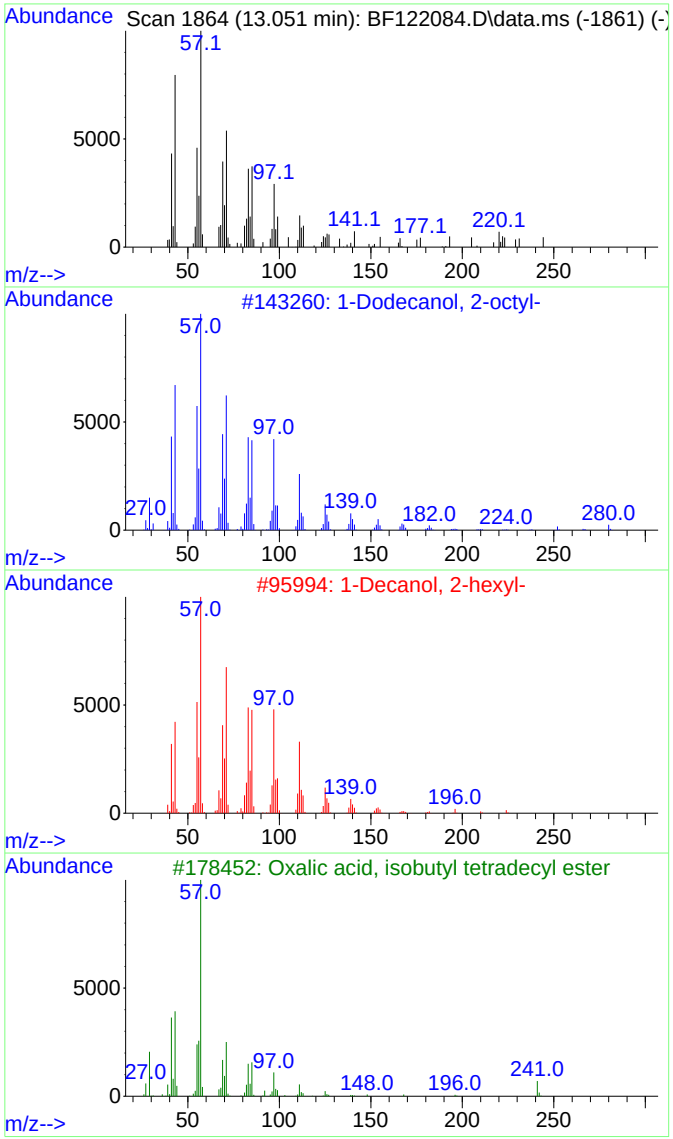
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

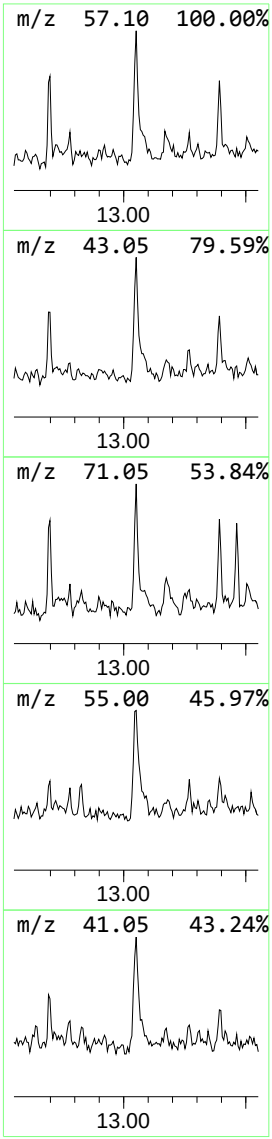
****

Peak Number 7 1-Dodecanol, 2-octyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.051	2.34 ng	98606	Chrysene-d12	13.886

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Dodecanol, 2-octyl-	298	C20H42O	005333-42-6	80
2	1-Decanol, 2-hexyl-	242	C16H34O	002425-77-6	64
3	Oxalic acid, isobutyl tetradecyl...	342	C20H38O4	1000309-37-9	64
4	Oxirane, [(dodecyloxy)methyl]-	242	C15H30O2	002461-18-9	62
5	1-Octanol, 2-butyl-	186	C12H26O	003913-02-8	49





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Operator : JU/CG
Sample : L4463-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VNJ-238

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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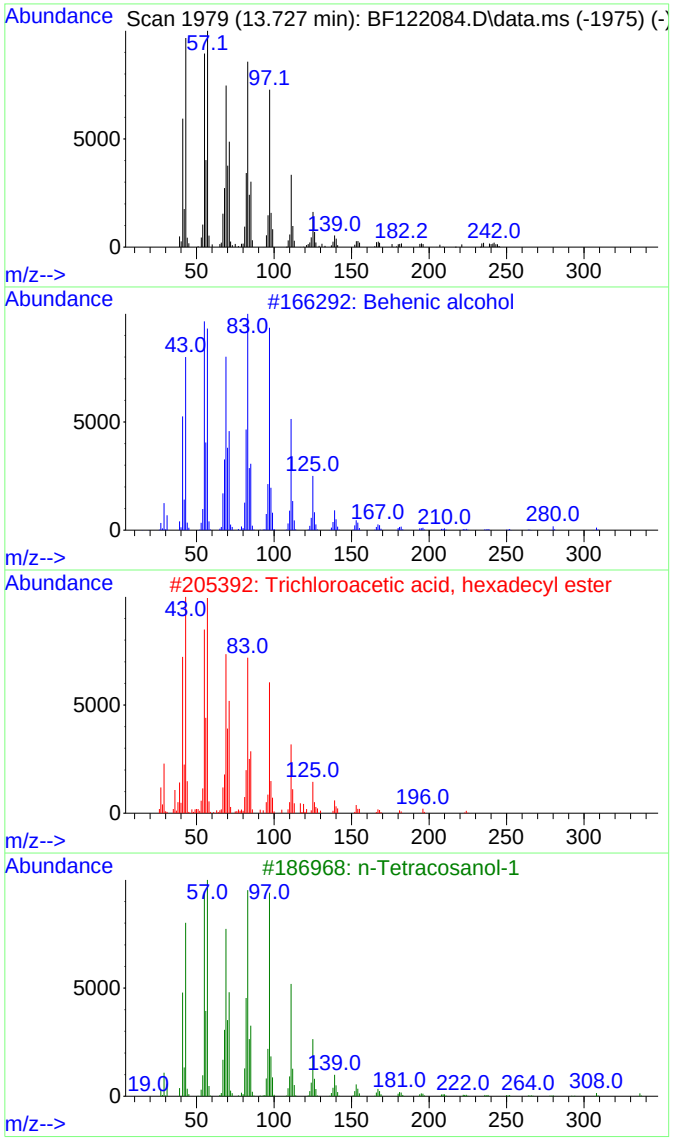
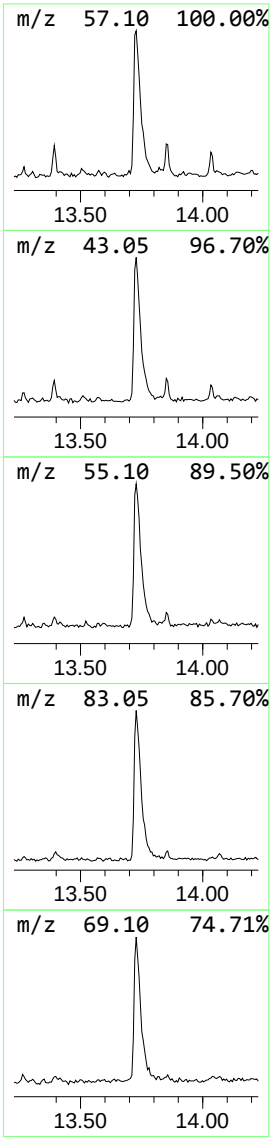
Peak Number 8 Behenic alcohol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.727	13.45 ng	567573	Chrysene-d12	13.886

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Behenic alcohol	326	C22H46O	000661-19-8	94
2	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	94
3	n-Tetracosanol-1	354	C24H50O	000506-51-4	94
4	Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	91
5	3-Eicosene, (E)-	280	C20H40	074685-33-9	91





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Acq On : 22 Oct 2020 15:28
Operator : JU/CG
Sample : L4463-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VNJ-238

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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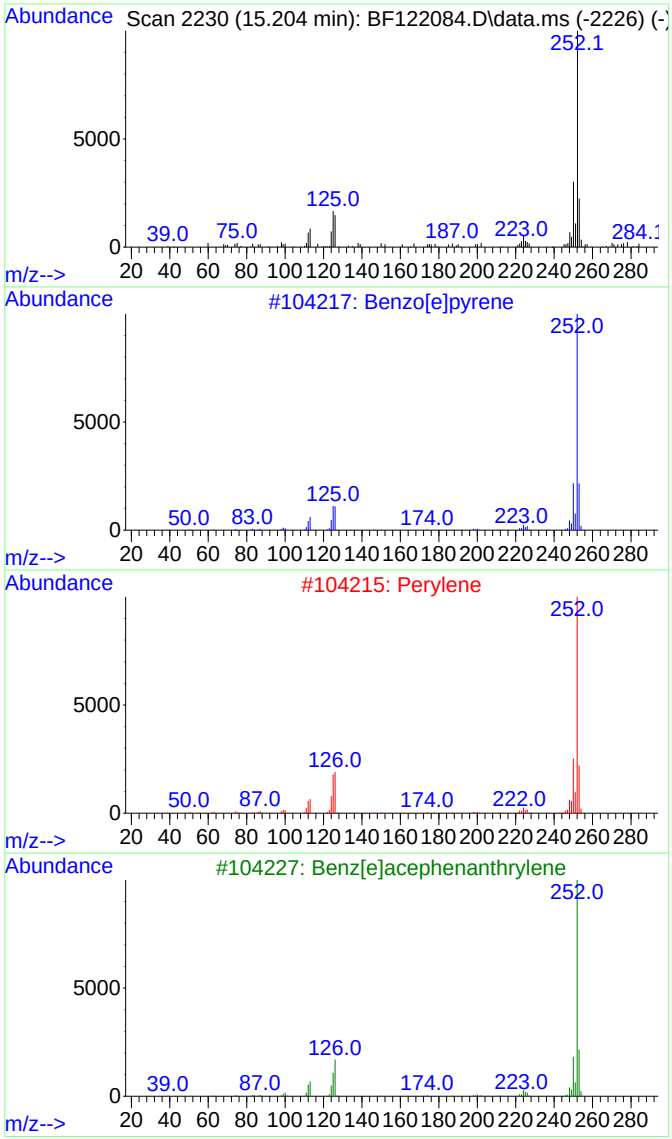
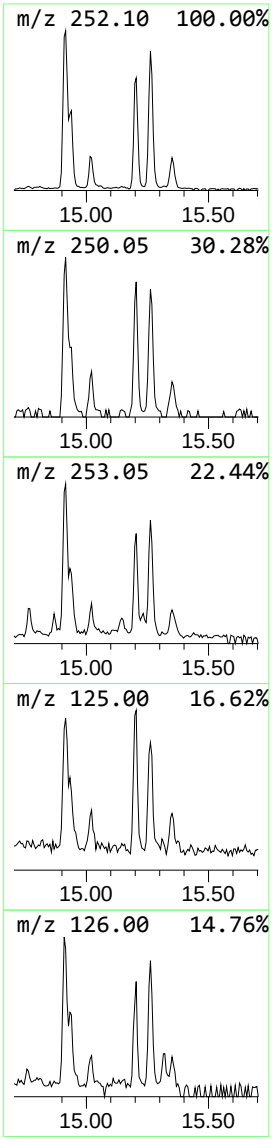
Peak Number 9 Benzo[e]pyrene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.204	2.59 ng	82504	Perylene-d12	15.315

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Perylene	252	C20H12	000198-55-0	98
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	96
4	Benzo[j]fluoranthene	252	C20H12	000205-82-3	95
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	95





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102220\
Data File : BF122084.D
Acq On : 22 Oct 2020 15:28
Operator : JU/CG
Sample : L4463-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VNJ-238

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Ethanol, 2-(2-e...	6.575	5.7	ng	160611	1	6.728	565792	20.0
2,4,7,9-Tetrame...	9.204	16.5	ng	750744	3	9.757	908405	20.0
unknown10.33	10.339	5.6	ng	256146	3	9.757	908405	20.0
Phenanthrene, 2...	11.774	2.9	ng	137091	4	11.245	953615	20.0
Phenanthrene, 1...	11.857	2.0	ng	96787	4	11.245	953615	20.0
Phenanthrene, 2...	12.298	5.5	ng	262200	4	11.245	953615	20.0
1-Dodecanol, 2-...	13.051	2.3	ng	98606	5	13.886	843928	20.0
Behenic alcohol	13.727	13.4	ng	567573	5	13.886	843928	20.0
Benzo[e]pyrene	15.204	2.6	ng	82504	6	15.315	637942	20.0