LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042318\
Data File : BN000827.D
Acq On : 23 Apr 2018 14:19
Operator : JU/SJ
Sample : J2467-06
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A3XX0

Integration Parameters: events.e
Integrator: ChemStation
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 1 % 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:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041918-PAH.M
Title : ??? S

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	6.799	643	648	658	rBV	116357	189432	8.93%	0.782%
2	6.969	671	677	689	rBV	455401	670532	31.60%	2.769%
3	7.158	703	709	718	rVB	435186	667974	31.48%	2.758%
4	7.622	782	788	795	rVB	481665	729357	34.37%	3.011%
5	8.322	900	907	915	rBV	344525	516980	24.36%	2.135%
6	8.763	975	982	992	rBV	483950	741144	34.93%	3.060%
7	9.210	1053	1058	1064	rBV	19465	27306	1.29%	0.113%
8	9.481	1097	1104	1111	rBV	367984	587449	27.68%	2.426%
9	10.010	1187	1194	1201	rBV	575475	900647	42.45%	3.719%
10	10.387	1251	1258	1266	rVB	647515	1047916	49.39%	4.327%
11	13.669	1810	1816	1821	rBV	931947	1238179	58.35%	5.112%
12	13.716	1821	1824	1829	rVB	97262	123483	5.82%	0.510%
13	13.940	1856	1862	1878	rBV	1085903	1609197	75.84%	6.644%
14	14.175	1898	1902	1907	rBV	35564	46527	2.19%	0.192%
15	14.251	1909	1915	1928	rVB2	835847	1253797	59.09%	5.177%
16	14.451	1944	1949	1958	rBV	53521	79624	3.75%	0.329%
17	15.134	2061	2065	2071	rVB	48164	55101	2.60%	0.228%
18	15.251	2078	2085	2092	rBV	1341676	1892115	89.17%	7.812%
19	15.369	2099	2105	2111	rBV	358333	488675	23.03%	2.018%
20	15.998	2207	2212	2215	rBV	40106	54176	2.55%	0.224%
21	16.786	2340	2346	2351	rBV	28991	36551	1.72%	0.151%
22	16.998	2376	2382	2388	rBV	990597	1369601	64.55%	5.655%
23	17.098	2391	2399	2407	rVB	1421785	1962259	92.48%	8.102%
24	17.392	2443	2449	2455	rBV2	15162	22218	1.05%	0.092%
25	17.916	2533	2538	2545	rBV	46444	69382	3.27%	0.286%
26	19.204	2754	2757	2763	rBV3	18426	22532	1.06%	0.093%
27	19.398	2784	2790	2803	rVB2	1560915	2116416	99.74%	8.739%
28	20.945	3050	3053	3058	rBV3	22532	29980	1.41%	0.124%
29	21.204	3091	3097	3107	rBV	1182902	1487401	70.10%	6.141%
30	22.269	3275	3278	3282	rBV	33080	42563	2.01%	0.176%
31	22.768	3359	3363	3368	rVB	58129	77984	3.68%	0.322%
32	23.257	3438	3446	3452	rBV2	1170042	2121912	100.00%	8.761%
33	23.316	3453	3456	3461	rVV	75036	119436	5.63%	0.493%
34	23.392	3462	3469	3484	rVB2	830579	1539472	72.55%	6.356%

LSC Area Percent Report

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Data File : BN000827.D
Acq On : 23 Apr 2018 14:19
Operator : JU/SJ
Sample : J2467-06
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A3XX0

Integration Parameters: events.e
Integrator: ChemStation
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 1 % 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:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041918-PAH.M
Title : ??? S

35	23.945	3559	3563	3573	rVB	75567	133438	6.29%	0.551%
36	24.668	3680	3686	3693	rVB2	73447	148441	7.00%	0.613%

Sum of corrected areas: 24219197

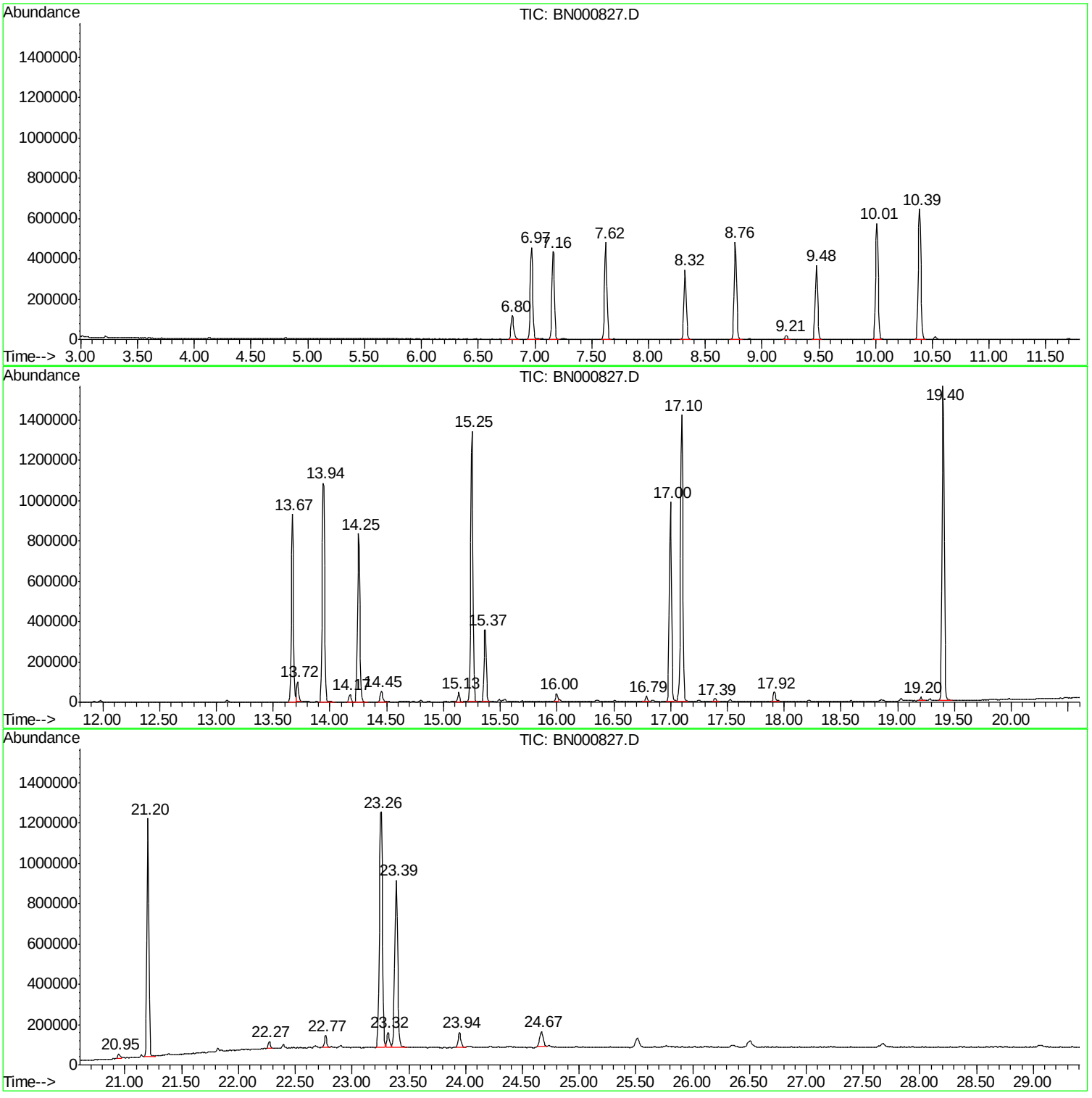
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042318\
Data File : BN000827.D
Acq On : 23 Apr 2018 14:19
Operator : JU/SJ
Sample : J2467-06
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A3XX0

Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041918-PAH.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA N\DATA\BN042318\
Data File : BN000827.D
Acq On : 23 Apr 2018 14:19
Operator : JU/SJ
Sample : J2467-06
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A3XX0

Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041918-PAH.M
Quant Title : SVOA CALIBRATION

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

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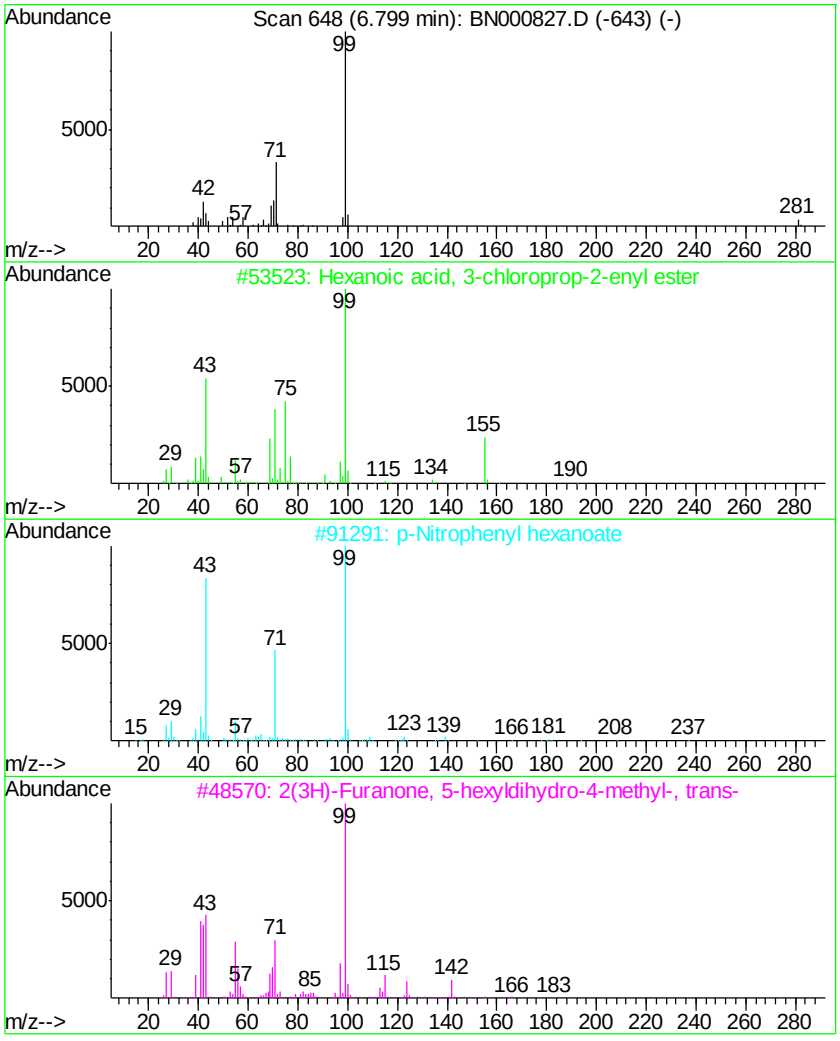
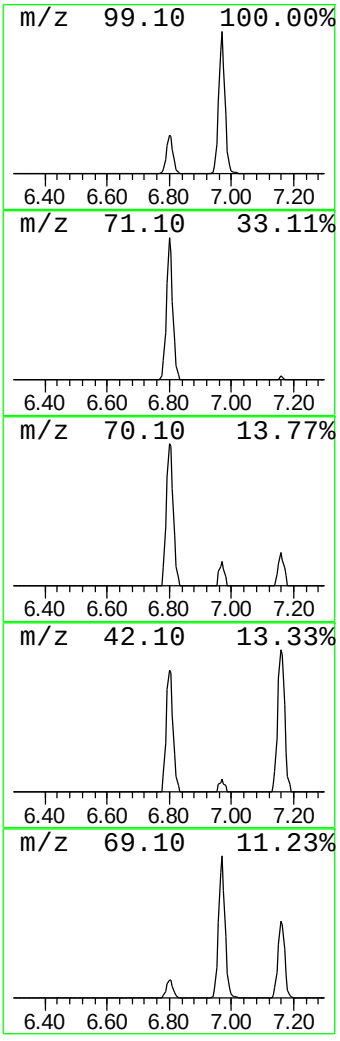
Peak Number 1 Hexanoic acid, 3-chloroprop... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.80	5.19 ng/ul	189432	1,4-Dichlorobenzene-d4	7.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanoic acid, 3-chloroprop-2-en...	190	C9H15ClO2	1000299-36-1	59
2	p-Nitrophenyl hexanoate	237	C12H15NO4	000956-75-2	59
3	2(3H)-Furanone, 5-hexyldihydro-4...	184	C11H20O2	147254-33-9	56
4	2(3H)-Furanone, 5-hexyldihydro-4...	184	C11H20O2	121644-12-0	56
5	cis-4-Hydroxy-3-methyldecanoic a...	184	C11H20O2	147254-32-8	56





Data Path : Z:\HPCHEM1\BNA N\DATA\BN042318\
Data File : BN000827.D
Acq On : 23 Apr 2018 14:19
Operator : JU/SJ
Sample : J2467-06
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A3XX0

Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041918-PAH.M
Quant Title : SVOA CALIBRATION

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

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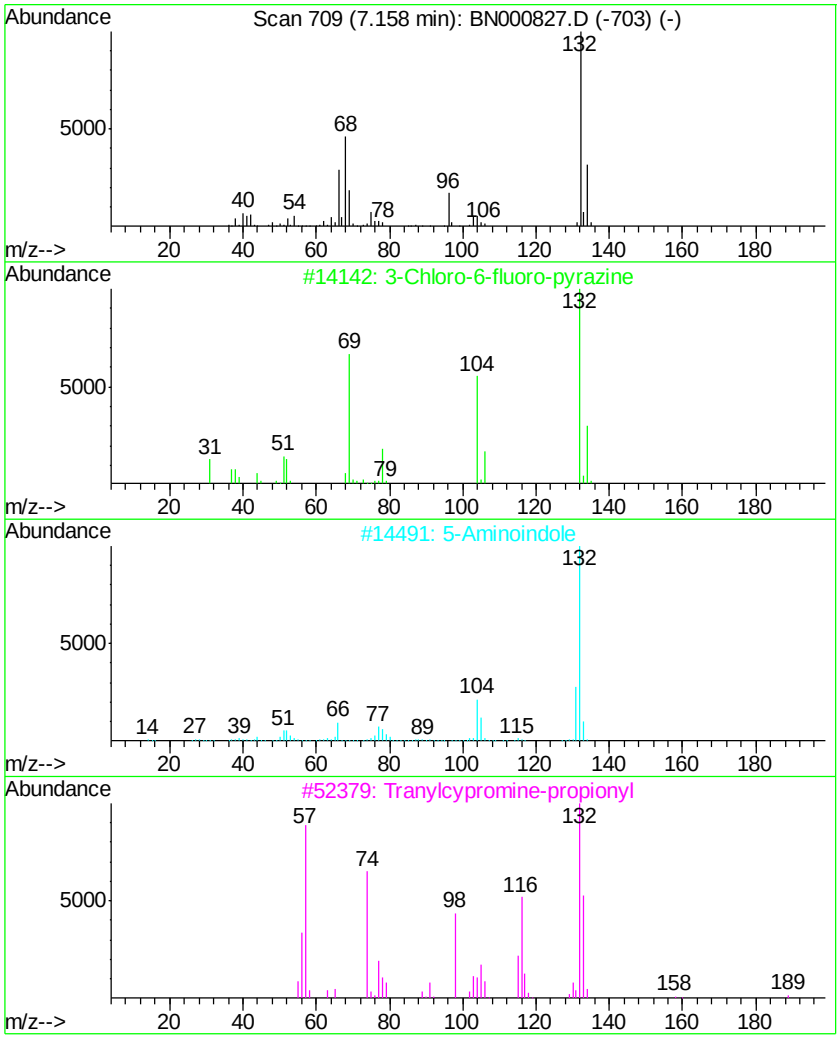
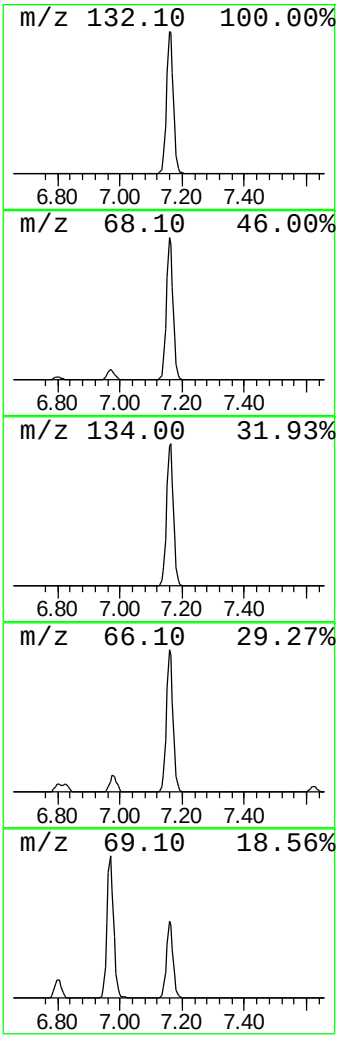
Peak Number 3 unknown-01 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.16	18.32 ng/ul	667974	1,4-Dichlorobenzene-d4	7.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2	5-Aminoindole	132	C8H8N2	005192-03-0	12
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9
5	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9





Data Path : Z:\HPCHEM1\BNA N\DATA\BN042318\
Data File : BN000827.D
Acq On : 23 Apr 2018 14:19
Operator : JU/SJ
Sample : J2467-06
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A3XX0

Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041918-PAH.M
Quant Title : SVOA CALIBRATION

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

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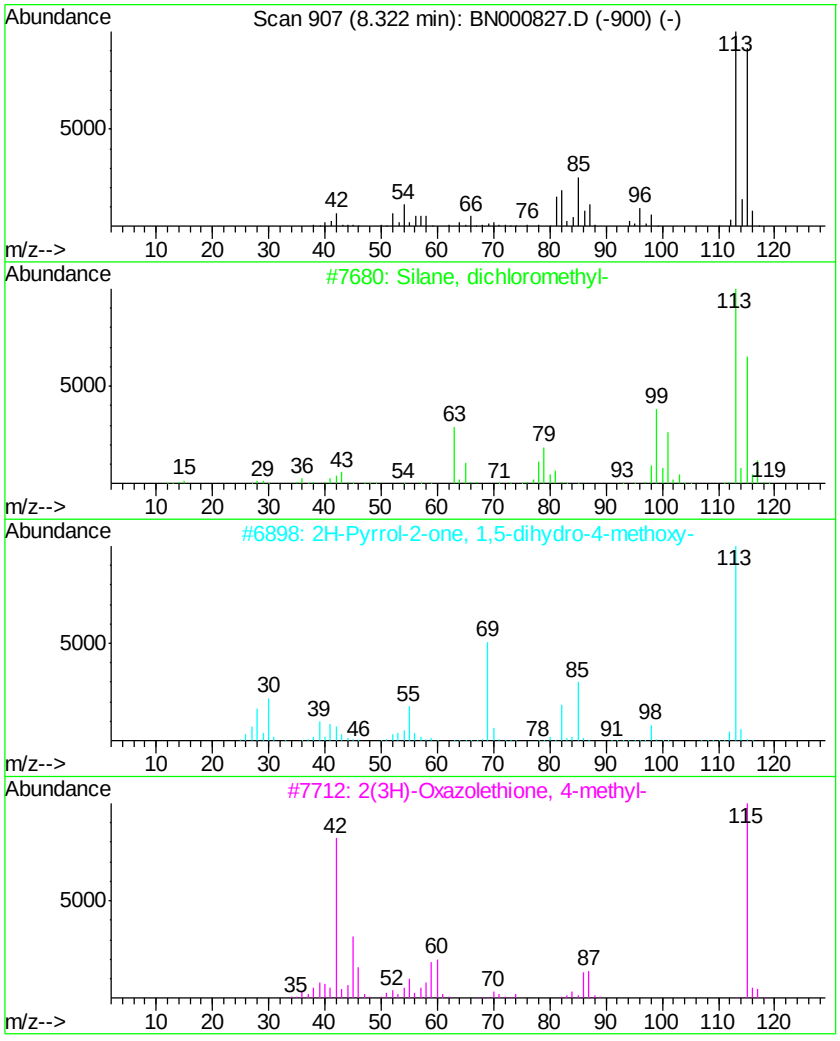
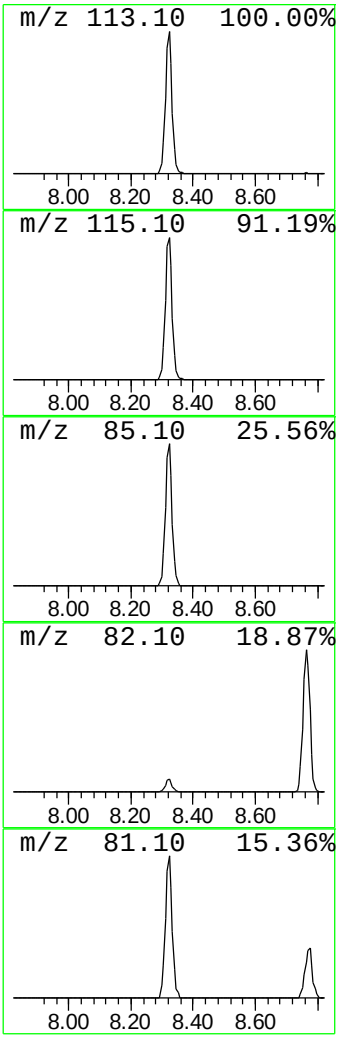
Peak Number 4 unknown-02 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.32	14.18 ng/ul	516980	1,4-Dichlorobenzene-d4	7.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Silane, dichloromethyl-	114	CH4Cl2Si	000075-54-7	38
2	2H-Pyrrol-2-one, 1,5-dihydro-4-m...	113	C5H7NO2	069778-83-2	32
3	2(3H)-Oxazolethione, 4-methyl-	115	C4H5NOS	013016-17-6	27
4	Heptanoic acid, anhydride	242	C14H26O3	000626-27-7	25
5	Heptanoic acid, anhydride	242	C14H26O3	000626-27-7	25





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042318\
Data File : BN000827.D
Acq On : 23 Apr 2018 14:19
Operator : JU/SJ
Sample : J2467-06
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A3XX0

Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041918-PAH.M
Quant Title : SVOA CALIBRATION

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

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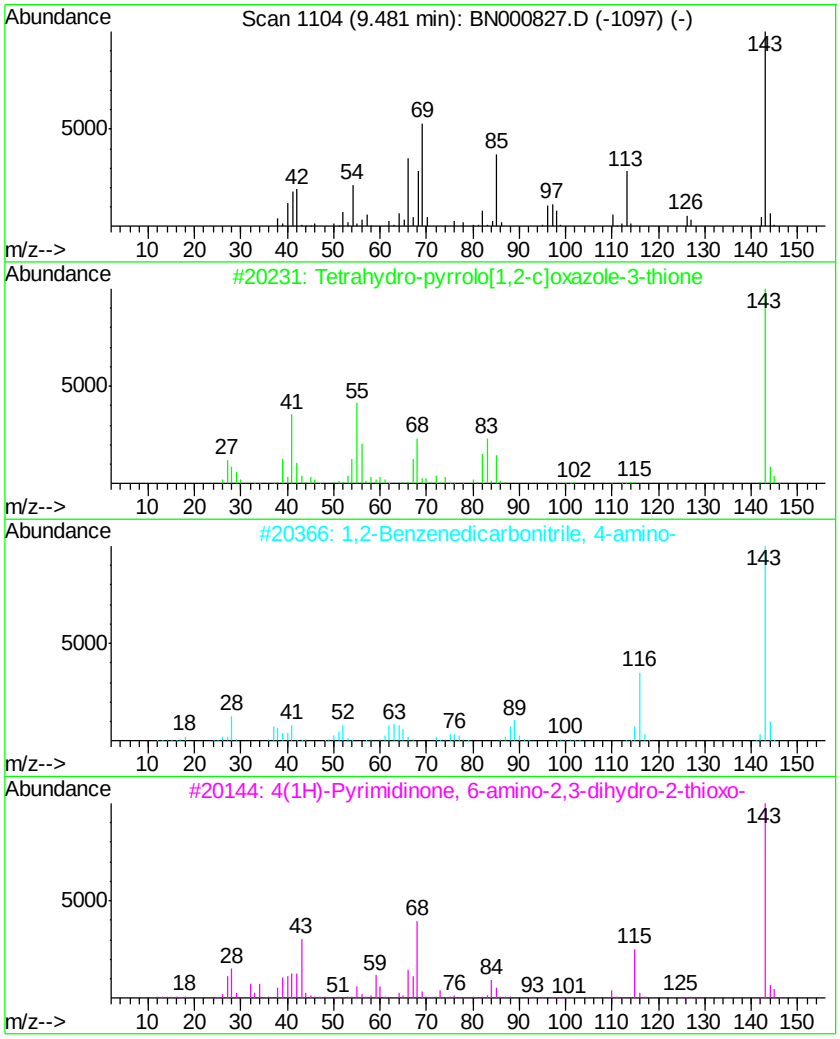
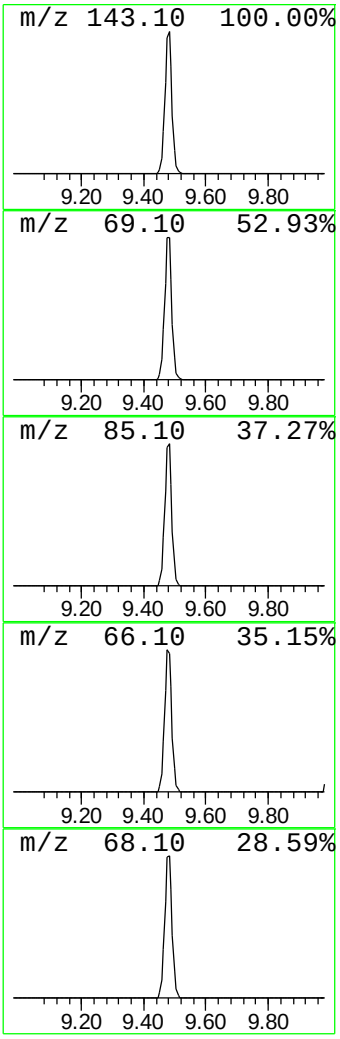
Peak Number 6 unknown-03 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.48	11.21 ng/ul	587449	Naphthalene-d8	10.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetrahydro-pyrrolo[1,2-c]oxazole...	143	C6H9NOS	1000190-53-6	32
2	1,2-Benzenedicarbonitrile, 4-amino-	143	C8H5N3	056765-79-8	14
3	4(1H)-Pyrimidinone, 6-amino-2,3-...	143	C4H5N3OS	001004-40-6	12
4	4(1H)-Pyrimidinone, 6-amino-2,3-...	143	C4H5N3OS	001004-40-6	12
5	3H-1,2,4-Triazole-3-thione,2,4-d...	143	C5H9N3S	037526-42-4	12





Data Path : Z:\HPCHEM1\BNA N\DATA\BN042318\
Data File : BN000827.D
Acq On : 23 Apr 2018 14:19
Operator : JU/SJ
Sample : J2467-06
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A3XX0

Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041918-PAH.M
Quant Title : SVOA CALIBRATION

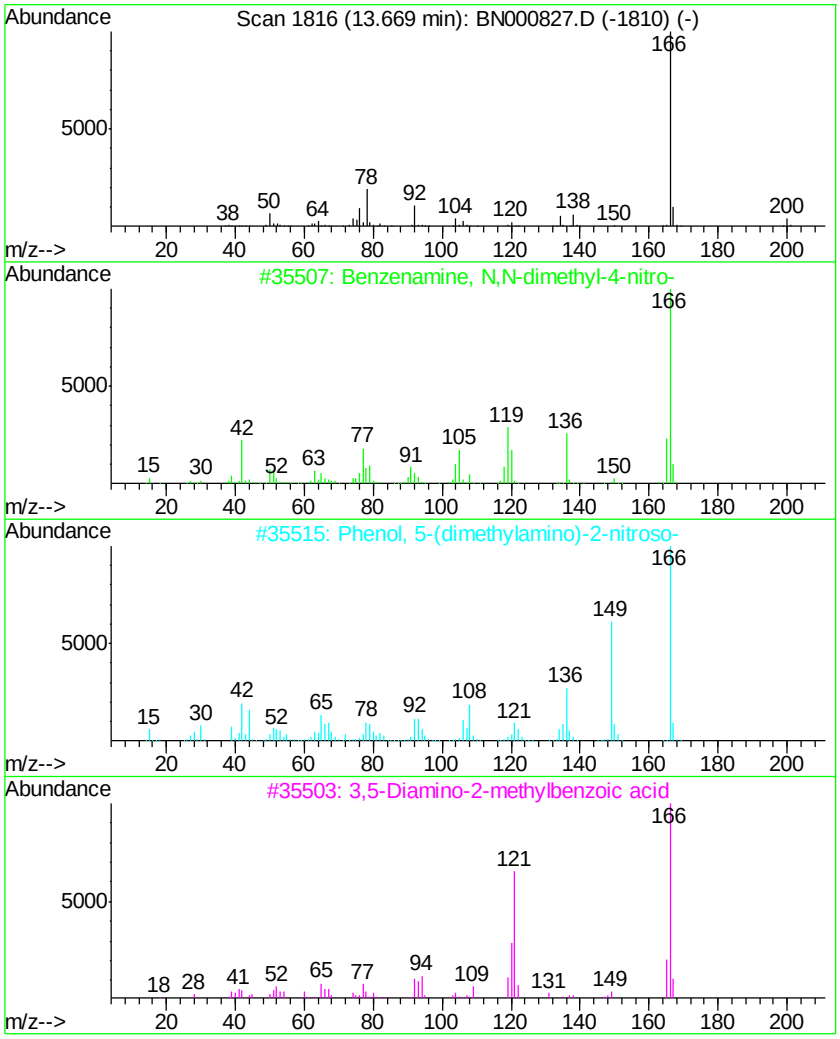
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

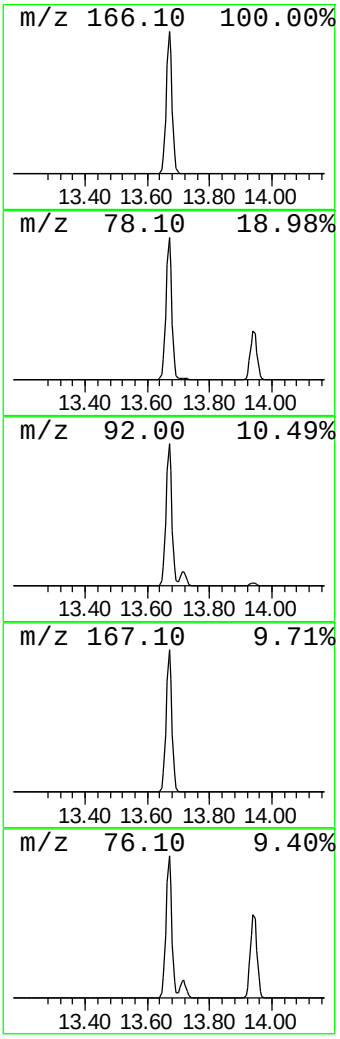
****

Peak Number 7 unknown-04 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.67	19.75 ng/ul	1238180	Acenaphthene-d10	14.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenamine, N,N-dimethyl-4-nitro-	166	C8H10N2O2	000100-23-2	38
2	Phenol, 5-(dimethylamino)-2-nitr...	166	C8H10N2O2	016761-04-9	36
3	3,5-Diamino-2-methylbenzoic acid	166	C8H10N2O2	090007-30-0	36
4	6H-Purine-6-thione, 1,7-dihydro-...	166	C6H6N4S	001126-23-4	9
5	Benzaldehyde, 2,5-dimethoxy-	166	C9H10O3	000093-02-7	9





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Sample : J2467-06
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A3XX0

Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041918-PAH.M
Quant Title : SVOA CALIBRATION

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

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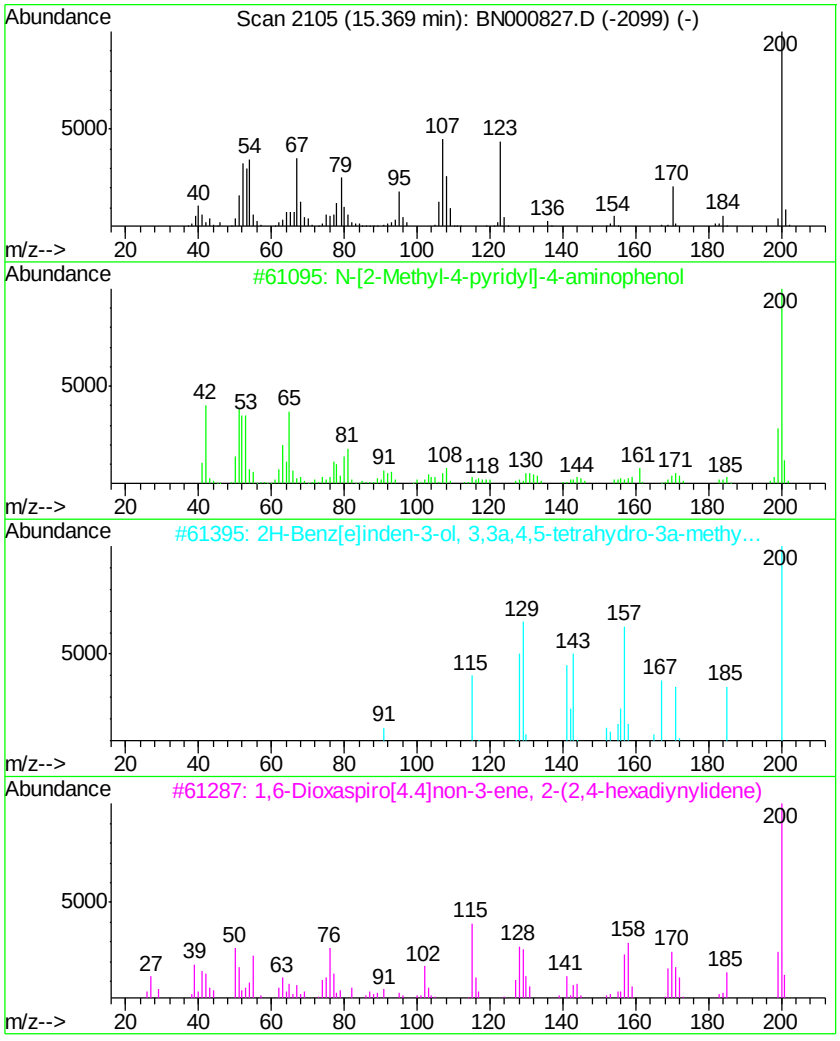
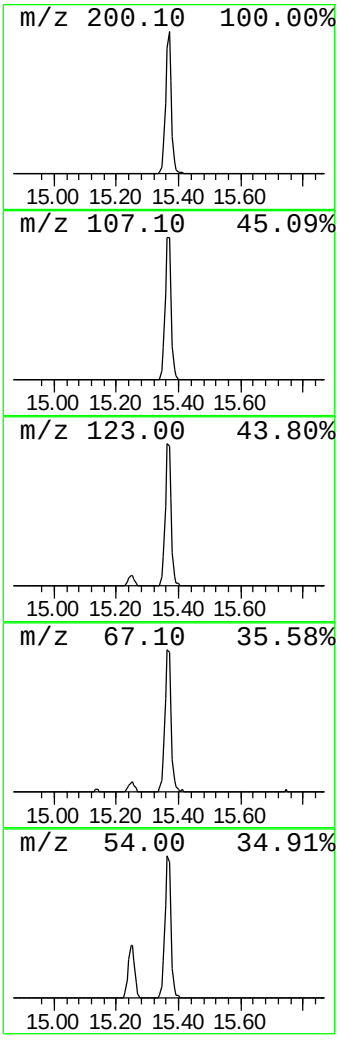
Peak Number 8 unknown-05 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.37	7.80 ng/ul	488675	Acenaphthene-d10	14.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	N-[2-Methyl-4-pyridyl]-4-aminoph...	200	C12H12N2O	1000252-23-9	46
2	2H-Benz[e]inden-3-ol, 3,3a,4,5-t...	200	C14H16O	071805-91-9	22
3	1,6-Dioxaspiro[4.4]non-3-ene, 2-...	200	C13H12O2	016863-61-9	22
4	Benzene, 1-methoxy-3-phenoxy-	200	C13H12O2	001655-68-1	14
5	Benzenamine, 4,4'-oxybis-	200	C12H12N2O	000101-80-4	12





Tentatively Identified Compound (LSC) summary

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Quant Title : SVOA 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
Hexanoic acid, 3-...	6.80	5.2	ng/ul	189432	1	7.62	729357	20.0
unknown-01	7.16	18.3	ng/ul	667974	1	7.62	729357	20.0
unknown-02	8.32	14.2	ng/ul	516980	1	7.62	729357	20.0
unknown-03	9.48	11.2	ng/ul	587449	2	10.39	1047920	20.0
unknown-04	13.67	19.8	ng/ul	1238180	3	14.25	1253800	20.0
unknown-05	15.37	7.8	ng/ul	488675	3	14.25	1253800	20.0