LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052419\
Data File : BF114587.D
Acq On : 24 May 2019 23:10
Operator : JU/SJ
Sample : K3035-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OIL-WATER-SEPERATOR-3(OWS)-

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-BF051019.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.740	106	111	132	rVB	240185	400583	6.59%	0.593%
2	4.610	425	429	436	rBV	179364	223394	3.67%	0.331%
3	5.034	498	501	519	rVB2	253673	466061	7.66%	0.690%
4	5.457	569	573	593	rBV	2547158	2983691	49.06%	4.415%
5	6.463	741	744	762	rBV	2334709	2832003	46.57%	4.190%
6	6.592	762	766	772	rBV	3664027	3318539	54.57%	4.910%
7	6.810	800	803	811	rBV	935895	935300	15.38%	1.384%
8	6.969	826	830	836	rVB	3405143	2908694	47.83%	4.304%
9	7.245	873	877	879	rBV3	71467	89598	1.47%	0.133%
10	7.375	896	899	908	rVB	2492905	2500855	41.12%	3.700%
11	7.733	942	960	970	rBV3	1614272	6081642	100.00%	8.998%
12	8.092	1018	1021	1029	rVB	1277186	1072550	17.64%	1.587%
13	8.316	1056	1059	1061	rBV	132929	114676	1.89%	0.170%
14	8.339	1061	1063	1068	rVB	138858	134520	2.21%	0.199%
15	9.169	1199	1204	1207	rBV	4977602	4290429	70.55%	6.348%
16	9.563	1267	1271	1274	rVB	302294	273993	4.51%	0.405%
17	9.845	1316	1319	1324	rVB	1327703	1202835	19.78%	1.780%
18	10.033	1349	1351	1359	rBV	129430	209073	3.44%	0.309%
19	10.274	1388	1392	1395	rBV4	78085	100299	1.65%	0.148%
20	10.492	1425	1429	1435	rVB4	62075	91814	1.51%	0.136%
21	10.604	1445	1448	1450	rBV	82233	89400	1.47%	0.132%
22	10.639	1450	1454	1463	rVB	2332436	2290568	37.66%	3.389%
23	10.768	1470	1476	1481	rBV4	459320	488759	8.04%	0.723%
24	10.816	1481	1484	1487	rVV	791810	774992	12.74%	1.147%
25	10.851	1487	1490	1493	rVV2	708849	888409	14.61%	1.315%
26	10.886	1493	1496	1498	rVV	842824	802592	13.20%	1.188%
27	10.910	1498	1500	1503	rVV	544253	476482	7.83%	0.705%
28	10.951	1503	1507	1509	rVV	408961	568361	9.35%	0.841%
29	10.998	1512	1515	1518	rVV3	822948	956112	15.72%	1.415%
30	11.033	1518	1521	1524	rVV	1026381	998279	16.41%	1.477%
31	11.074	1526	1528	1538	rVB	595547	556291	9.15%	0.823%
32	11.221	1550	1553	1559	rVB3	130149	141892	2.33%	0.210%
33	11.268	1559	1561	1567	rVB3	62752	84084	1.38%	0.124%
34	11.333	1569	1572	1576	rBV	1508602	1344038	22.10%	1.989%

LSC Area Percent Report

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Acq On : 24 May 2019 23:10
Operator : JU/SJ
Sample : K3035-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OIL-WATER-SEPERATOR-3(OWS)-

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-BF051019.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.863	1659	1662	1669	rBV6	63552	114999	1.89%	0.170%
36	12.068	1692	1697	1705	rBV4	95770	197643	3.25%	0.292%
37	12.915	1837	1841	1845	rBV	4233435	4286571	70.48%	6.342%
38	13.804	1989	1992	2002	rVB	257246	397656	6.54%	0.588%
39	13.939	2012	2015	2018	rBV	226023	225850	3.71%	0.334%
40	13.980	2018	2022	2027	rVV	1045004	1033631	17.00%	1.529%
41	14.121	2044	2046	2049	rBV	105936	95069	1.56%	0.141%
42	14.274	2069	2072	2076	rBV4	72412	121036	1.99%	0.179%
43	14.427	2094	2098	2105	rVB2	268057	363604	5.98%	0.538%
44	14.580	2121	2124	2131	rBV	238353	400649	6.59%	0.593%
45	14.727	2146	2149	2153	rVB	241853	220094	3.62%	0.326%
46	14.927	2180	2183	2186	rBV	98025	103943	1.71%	0.154%
47	14.962	2186	2189	2201	rVB3	143682	252462	4.15%	0.374%
48	15.056	2201	2205	2209	rVB	257805	264230	4.34%	0.391%
49	15.104	2210	2213	2217	rVB2	132214	143441	2.36%	0.212%
50	15.151	2218	2221	2227	rBV2	58288	89868	1.48%	0.133%
51	15.409	2261	2265	2266	rBV	300412	337073	5.54%	0.499%
52	15.439	2267	2270	2279	rVV	780158	1171866	19.27%	1.734%
53	15.521	2281	2284	2288	rVV2	77411	103350	1.70%	0.153%
54	15.568	2289	2292	2296	rVV	127543	161959	2.66%	0.240%
55	15.609	2296	2299	2305	rVB	104516	134949	2.22%	0.200%
56	15.739	2316	2321	2326	rBV2	290539	410248	6.75%	0.607%
57	15.786	2326	2329	2334	rVB2	150302	199941	3.29%	0.296%
58	15.851	2335	2340	2345	rBV	177784	273683	4.50%	0.405%
59	15.968	2355	2360	2369	rVB2	612410	991179	16.30%	1.467%
60	16.103	2377	2383	2401	rVB2	714781	1602933	26.36%	2.372%
61	16.339	2419	2423	2427	rBV	98036	170576	2.80%	0.252%
62	16.586	2460	2465	2470	rVB3	104005	170178	2.80%	0.252%
63	16.656	2473	2477	2483	rVB2	96815	174139	2.86%	0.258%
64	16.809	2497	2503	2509	rBV2	247563	477826	7.86%	0.707%
65	16.892	2510	2517	2529	rVB2	400728	935891	15.39%	1.385%
66	17.139	2550	2559	2569	rVB	1350207	3051910	50.18%	4.516%
67	17.597	2632	2637	2645	rVB4	43077	111293	1.83%	0.165%
68	18.103	2716	2723	2734	rVB4	156902	447955	7.37%	0.663%
69	18.421	2766	2777	2793	rVB2	673298	2077287	34.16%	3.074%
70	18.744	2819	2832	2848	rVB	1647175	5579299	91.74%	8.255%

LSC Area Percent Report

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Data File : BF114587.D
Acq On : 24 May 2019 23:10
Operator : JU/SJ
Sample : K3035-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OIL-WATER-SEPERATOR-3(OWS)-

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-BF051019.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Sum of corrected areas: 67585089

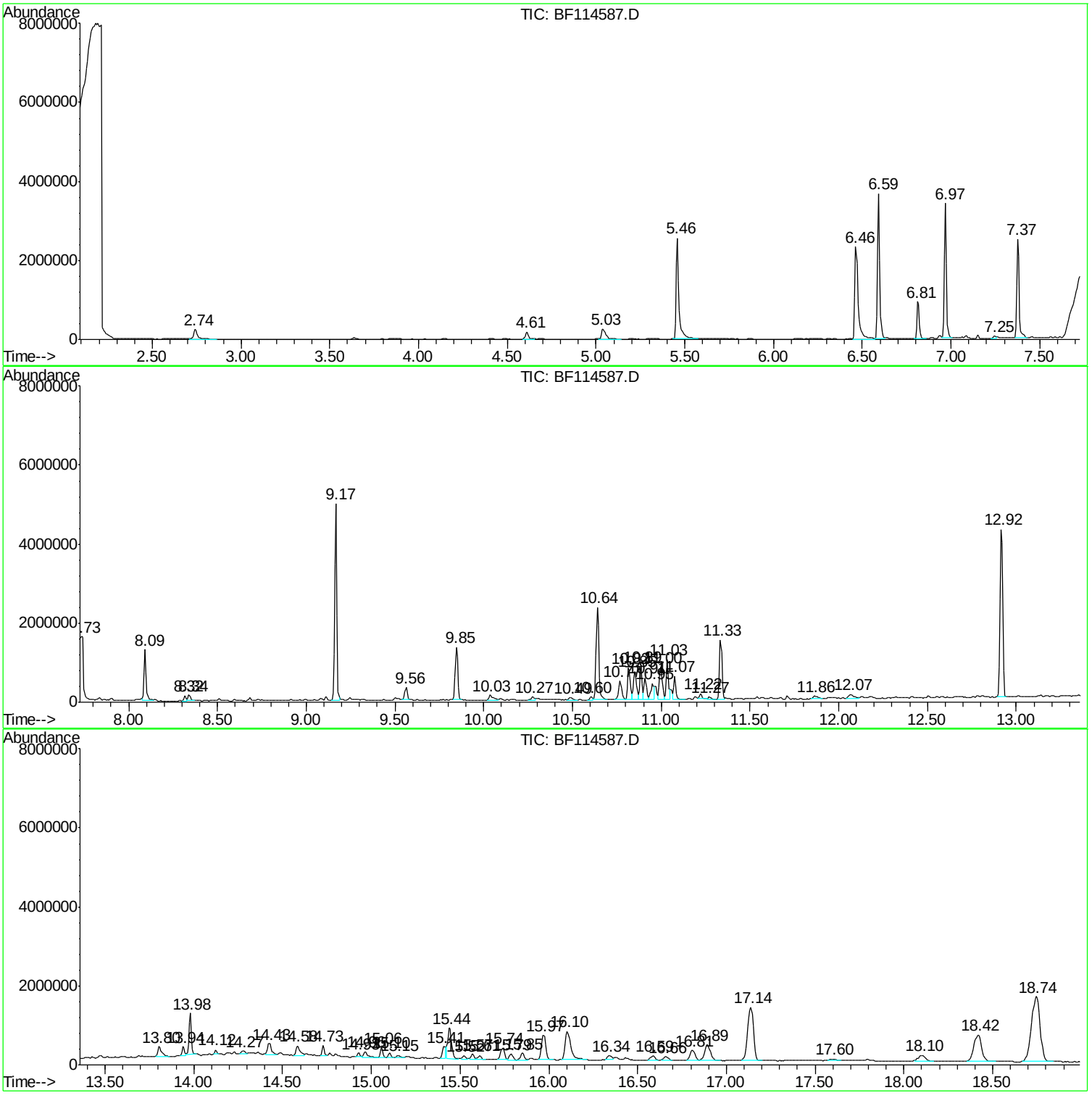
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052419\
Data File : BF114587.D
Acq On : 24 May 2019 23:10
Operator : JU/SJ
Sample : K3035-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OIL-WATER-SEPERATOR-3(OWS)-

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.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\BF052419\
Data File : BF114587.D
Acq On : 24 May 2019 23:10
Operator : JU/SJ
Sample : K3035-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OIL-WATER-SEPERATOR-3(OWS)-

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

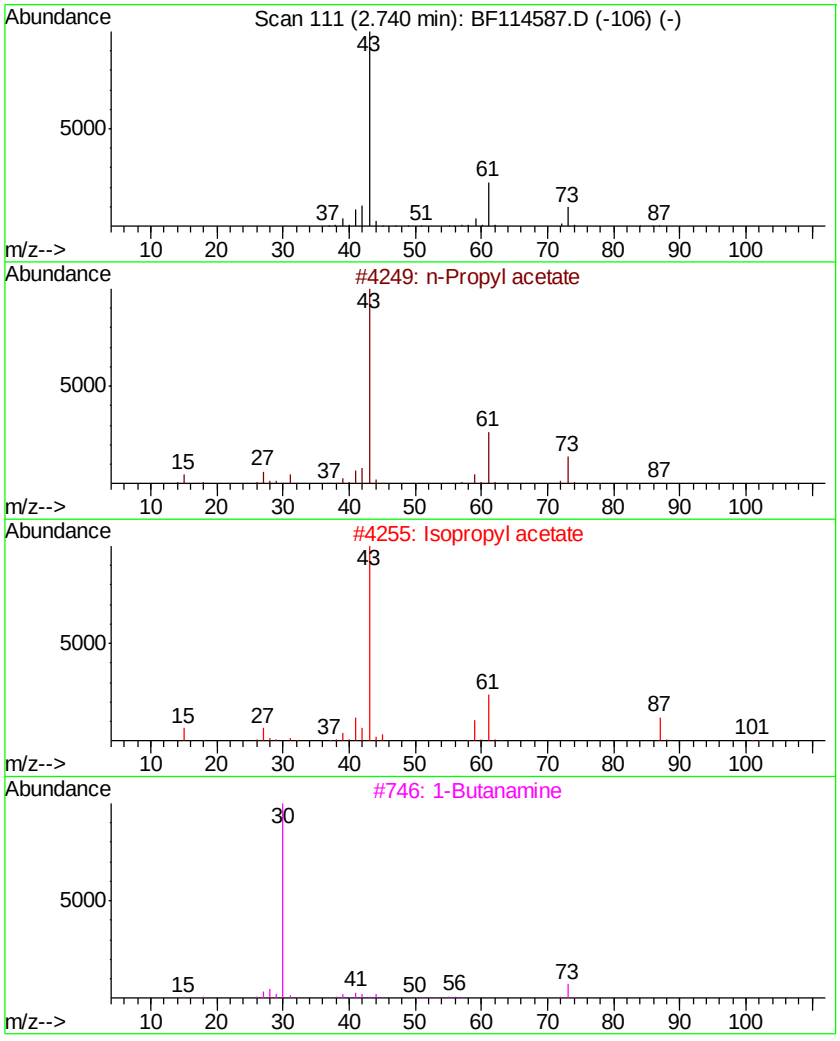
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

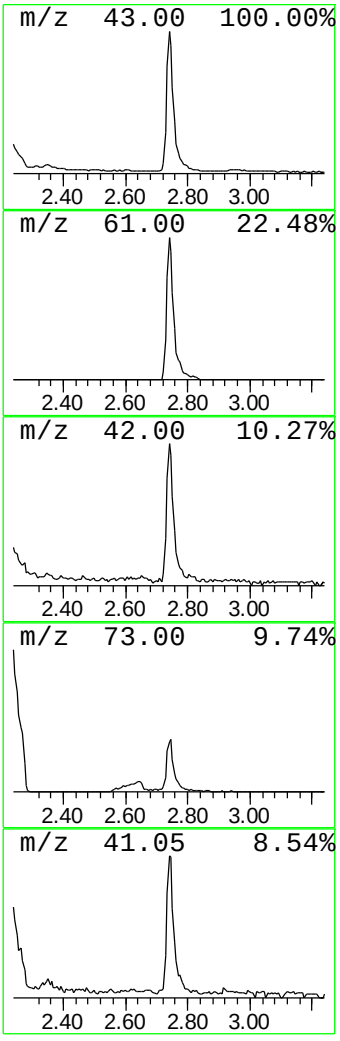
****

Peak Number 1 n-Propyl acetate Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.74	8.57 ng	400583	1,4-Dichlorobenzene-d4	6.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Propyl acetate	102	C5H10O2	000109-60-4	78
2	Isopropyl acetate	102	C5H10O2	000108-21-4	36
3	1-Butanamine	73	C4H11N	000109-73-9	7
4	Isobutylamine	73	C4H11N	000078-81-9	5
5	1,4-Butanediol, diacetate	174	C8H14O4	000628-67-1	4





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052419\
Data File : BF114587.D
Acq On : 24 May 2019 23:10
Operator : JU/SJ
Sample : K3035-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OIL-WATER-SEPERATOR-3(OWS)-

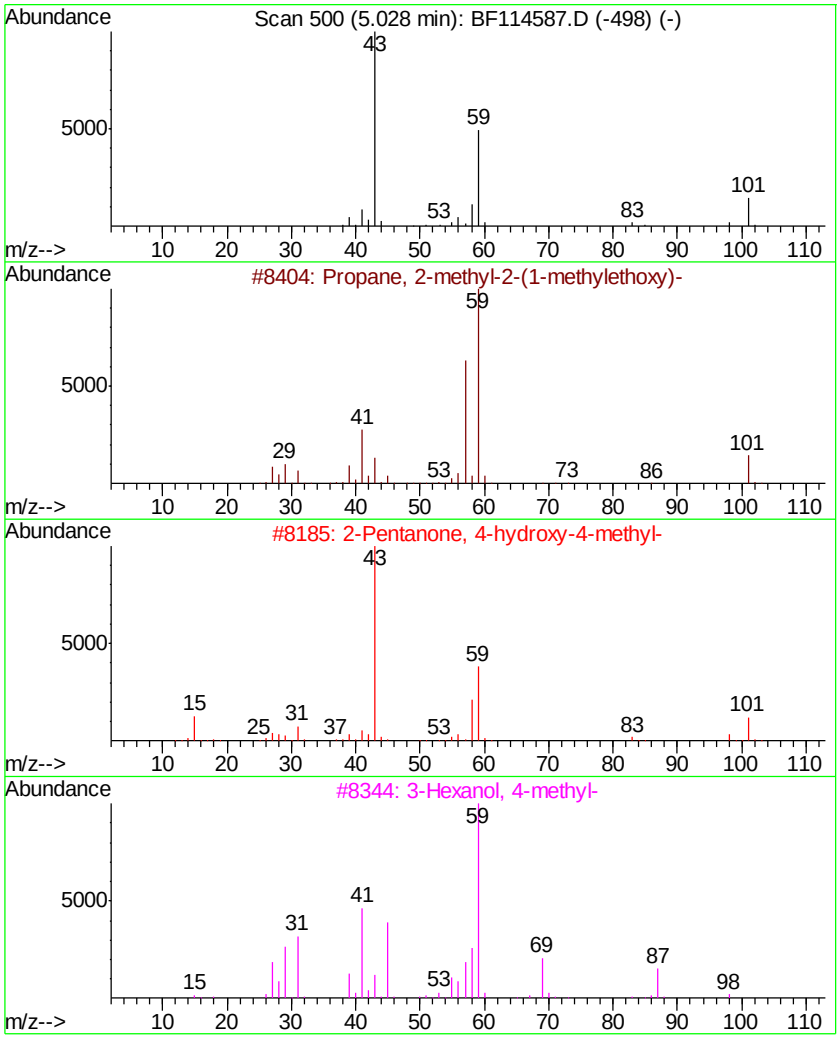
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

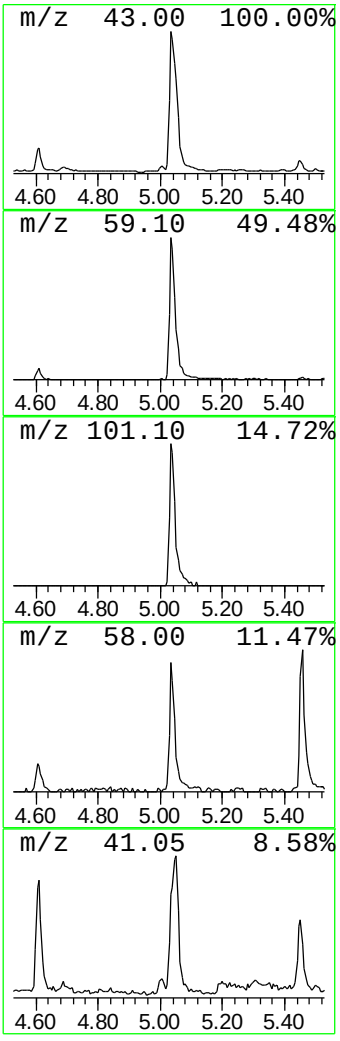
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Propane, 2-methyl-2-(1-meth... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.03	9.97 ng	466061	1,4-Dichlorobenzene-d4	6.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	53
2	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
3	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
4	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28
5	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052419\
Data File : BF114587.D
Acq On : 24 May 2019 23:10
Operator : JU/SJ
Sample : K3035-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OIL-WATER-SEPERATOR-3(OWS)-

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

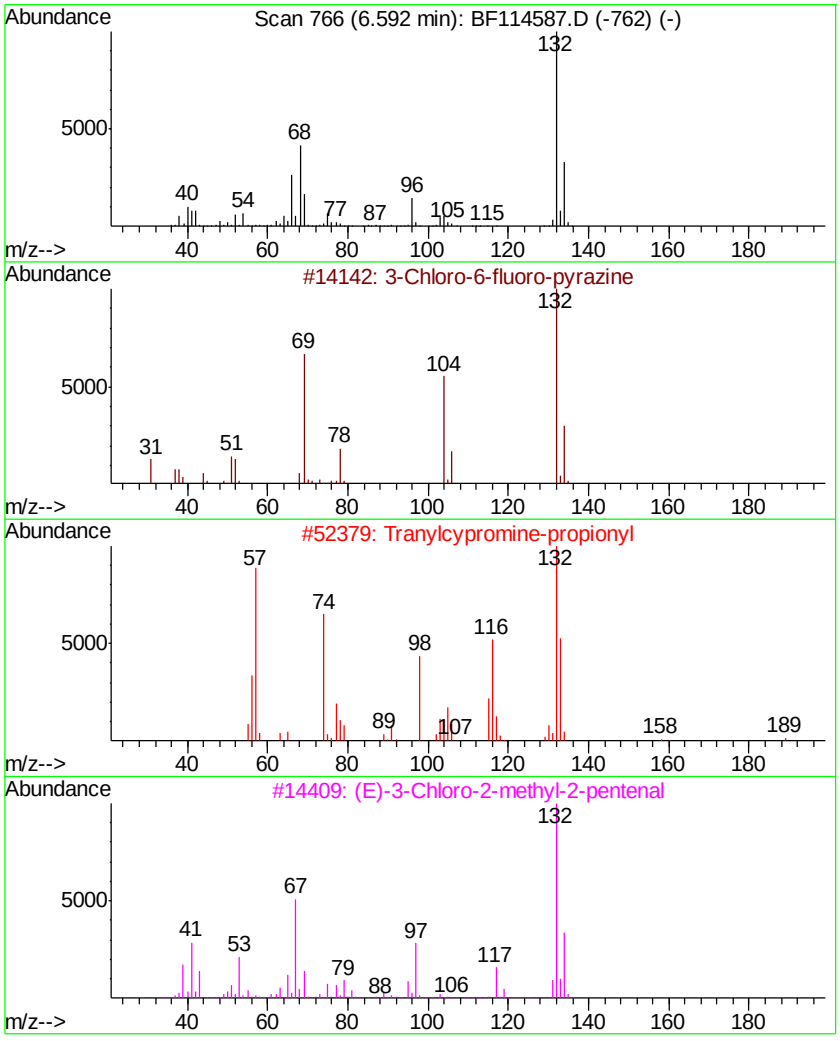
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

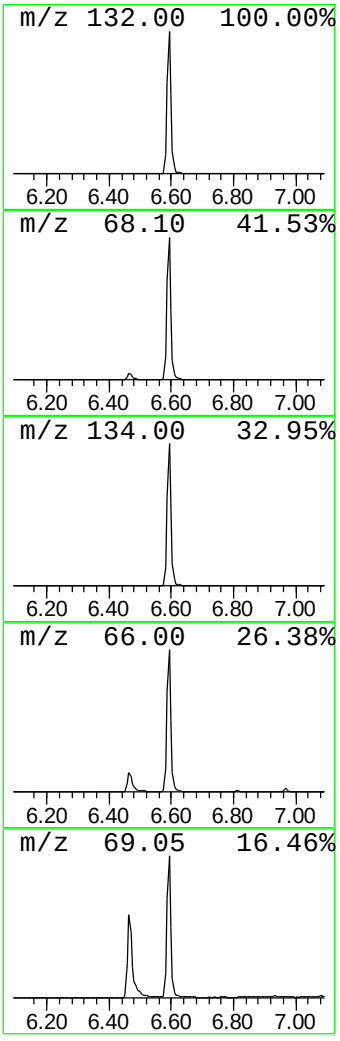
****

Peak Number 3 unknown6.59 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.59	70.96 ng	3318540	1,4-Dichlorobenzene-d4	6.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
3	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	12
4	5-Aminoindole	132	C8H8N2	005192-03-0	12
5	Xenon	132	Xe	007440-63-3	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052419\
Data File : BF114587.D
Acq On : 24 May 2019 23:10
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Instrument : BNA_F
ClientSampleId : OIL-WATER-SEPERATOR-3(OWS)-

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

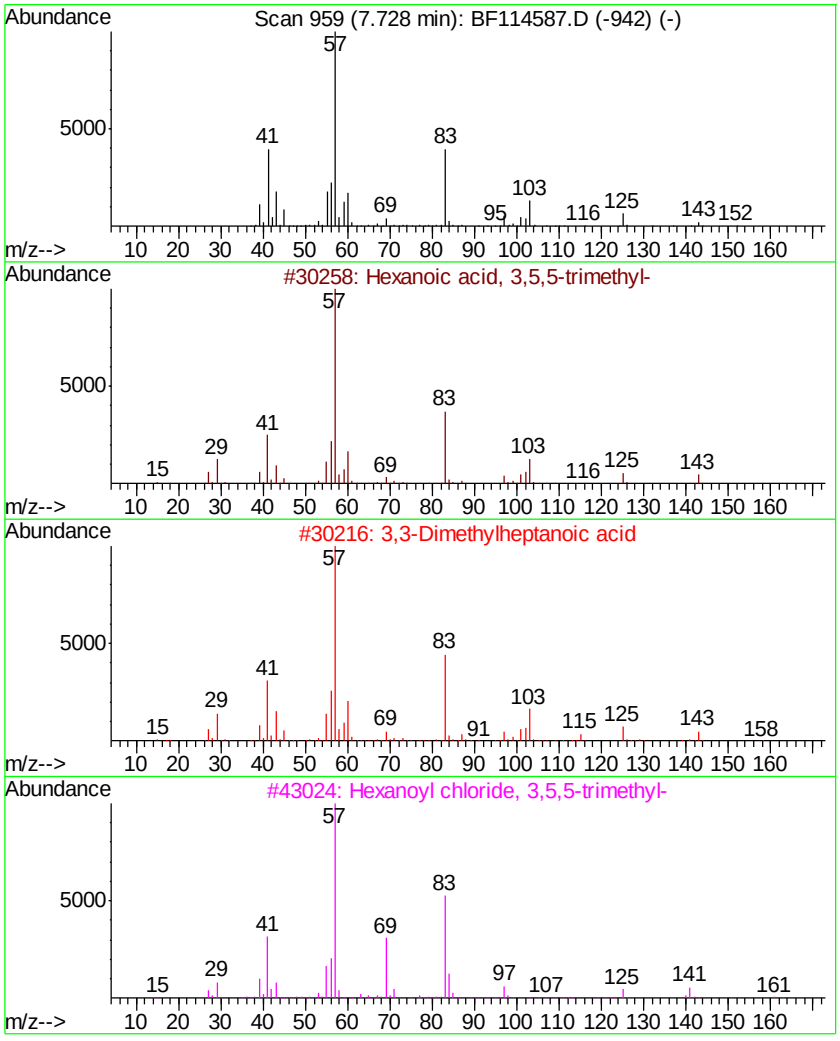
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

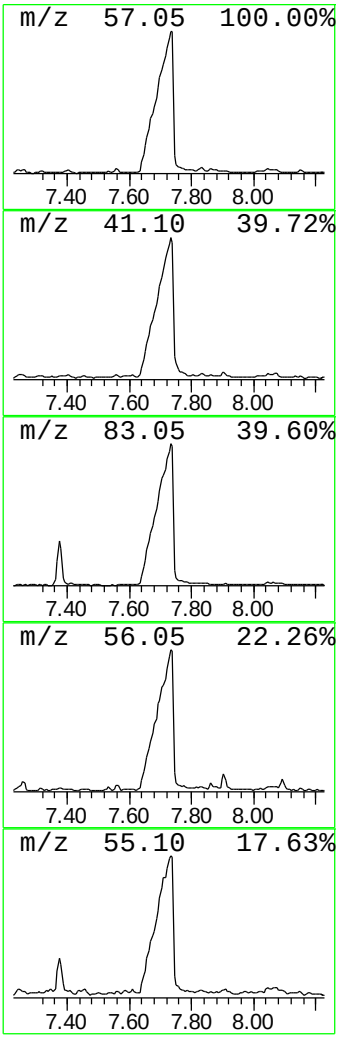
****

Peak Number 5 Hexanoic acid, 3,5,5-trimet... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.73	113.41 ng	6081640	Naphthalene-d8	8.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanoic acid, 3,5,5-trimethyl-	158	C9H18O2	003302-10-1	90
2	3,3-Dimethylheptanoic acid	158	C9H18O2	067061-30-7	59
3	Hexanoyl chloride, 3,5,5-trimethyl-	176	C9H17ClO	036727-29-4	53
4	Formic acid, 4,4-dimethylpent-2-...	144	C8H16O2	1000368-69-9	43
5	4,4-Dimethyl-2-pentanol, chlorod...	228	C9H15ClF2O2	1000376-27-0	32





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Sample : K3035-01
Misc :
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Instrument : BNA_F
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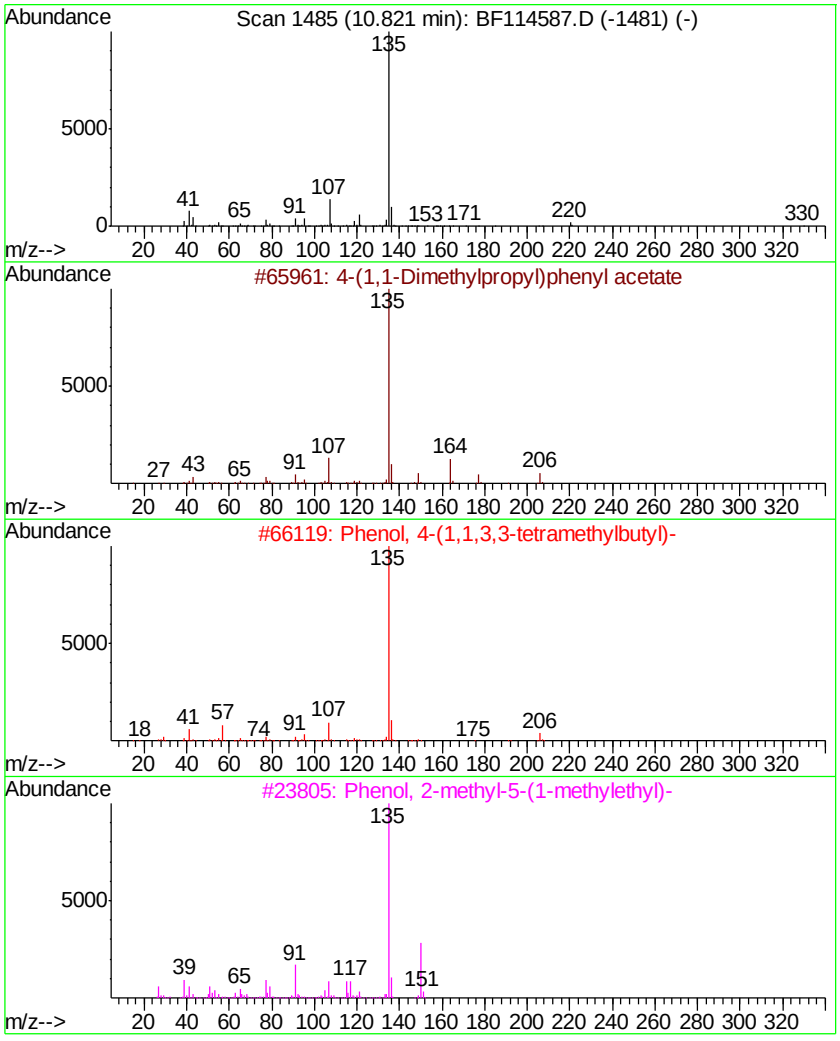
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

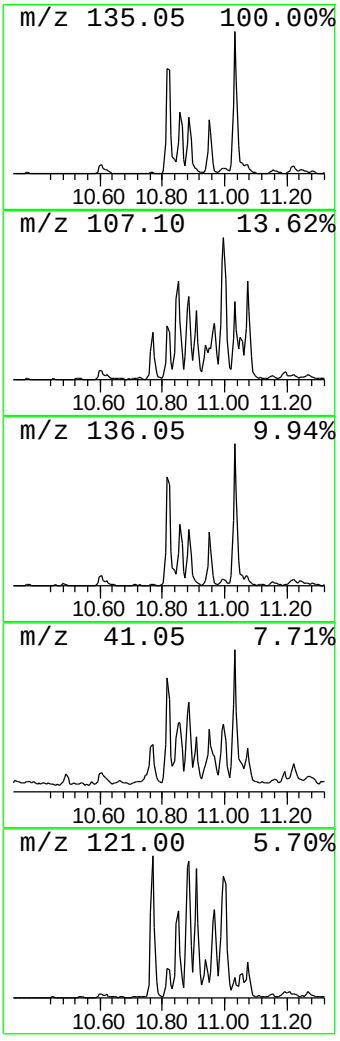
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 4-(1,1-Dimethylpropyl)pheny... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.82	11.53 ng	774992	Phenanthrene-d10	11.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-(1,1-Dimethylpropyl)phenyl ace...	206	C13H18O2	1000373-45-3	78
2	Phenol, 4-(1,1,3,3-tetramethylbu...	206	C14H22O	000140-66-9	78
3	Phenol, 2-methyl-5-(1-methylethyl)-	150	C10H14O	000499-75-2	78
4	Pentanoic acid, 5-hydroxy-, p-t-...	250	C15H22O3	166273-37-6	64
5	4-Methoxybenzoic acid, 2,6-dimet...	422	C19H16F6O4	1000304-50-0	64





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Data File : BF114587.D
Acq On : 24 May 2019 23:10
Operator : JU/SJ
Sample : K3035-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OIL-WATER-SEPERATOR-3(OWS)-

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

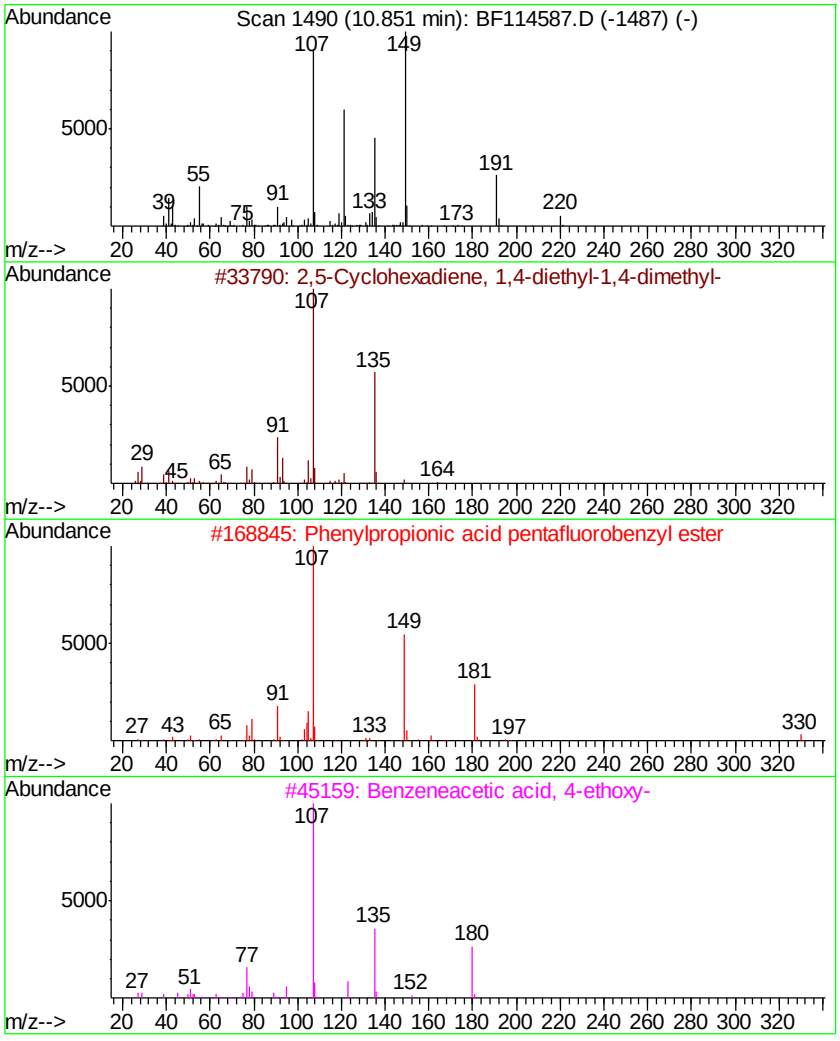
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

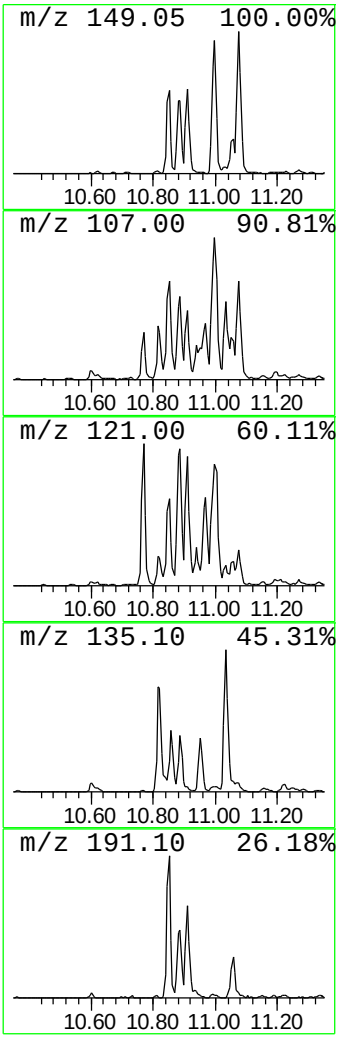
****

Peak Number 7 unknown10.85 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.85	13.22 ng	888409	Phenanthrene-d10	11.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,5-Cyclohexadiene, 1,4-diethyl-...	164	C12H20	1000150-21-6	38
2	Phenylpropionic acid pentafluoro...	330	C16H11F5O2	062434-95-1	38
3	Benzeneacetic acid, 4-ethoxy-	180	C10H12O3	004919-33-9	35
4	Pyridine-3-carbonitrile, 1,2-dih...	191	C9H9N3O2	220098-92-0	35
5	1,3-Cyclohexadiene-1-carboxaldeh...	150	C10H14O	000116-26-7	30





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Data File : BF114587.D
Acq On : 24 May 2019 23:10
Operator : JU/SJ
Sample : K3035-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OIL-WATER-SEPERATOR-3(OWS)-

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.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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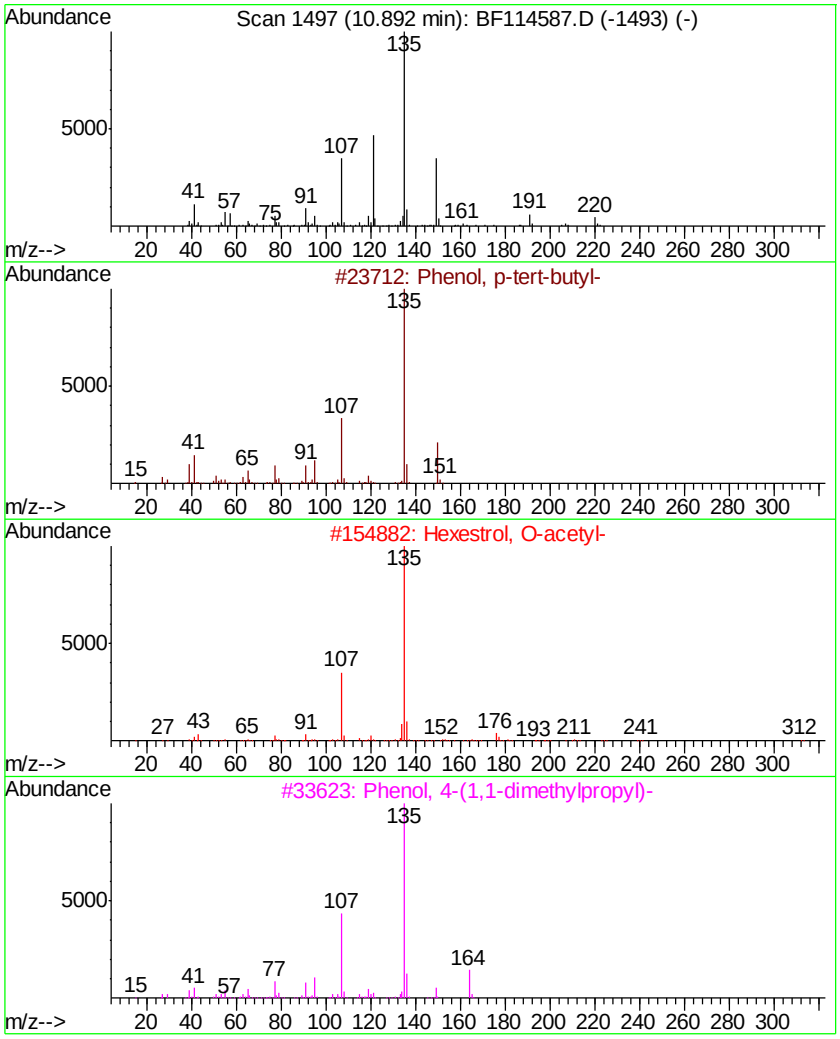
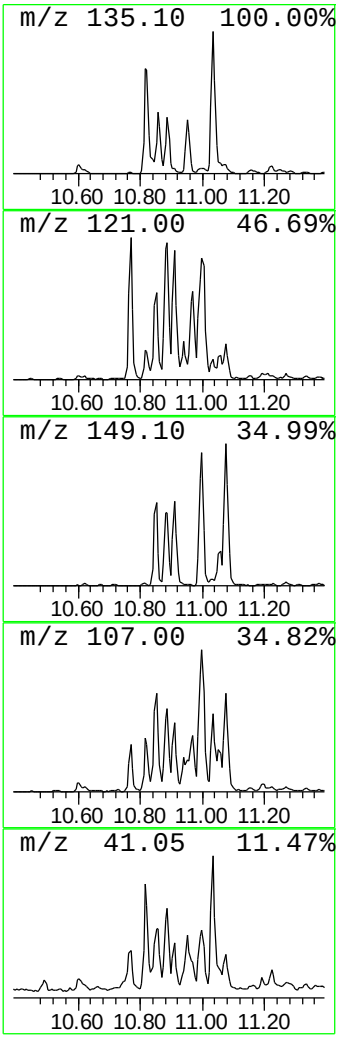
Peak Number 8 Phenol, p-tert-butyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.89	11.94 ng	802592	Phenanthrene-d10	11.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, p-tert-butyl-	150	C10H14O	000098-54-4	64
2	Hexestrol, O-acetyl-	312	C20H24O3	1000374-87-8	50
3	Phenol, 4-(1,1-dimethylpropyl)-	164	C11H16O	000080-46-6	50
4	Hexestrol, O-heptafluorobutyryl-	466	C22H21F7O3	1000365-31-9	50
5	1-Adamantanecarboxylic acid, 2-p...	220	C14H20O2	107144-95-6	38





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Operator : JU/SJ
Sample : K3035-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OIL-WATER-SEPERATOR-3(OWS)-

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

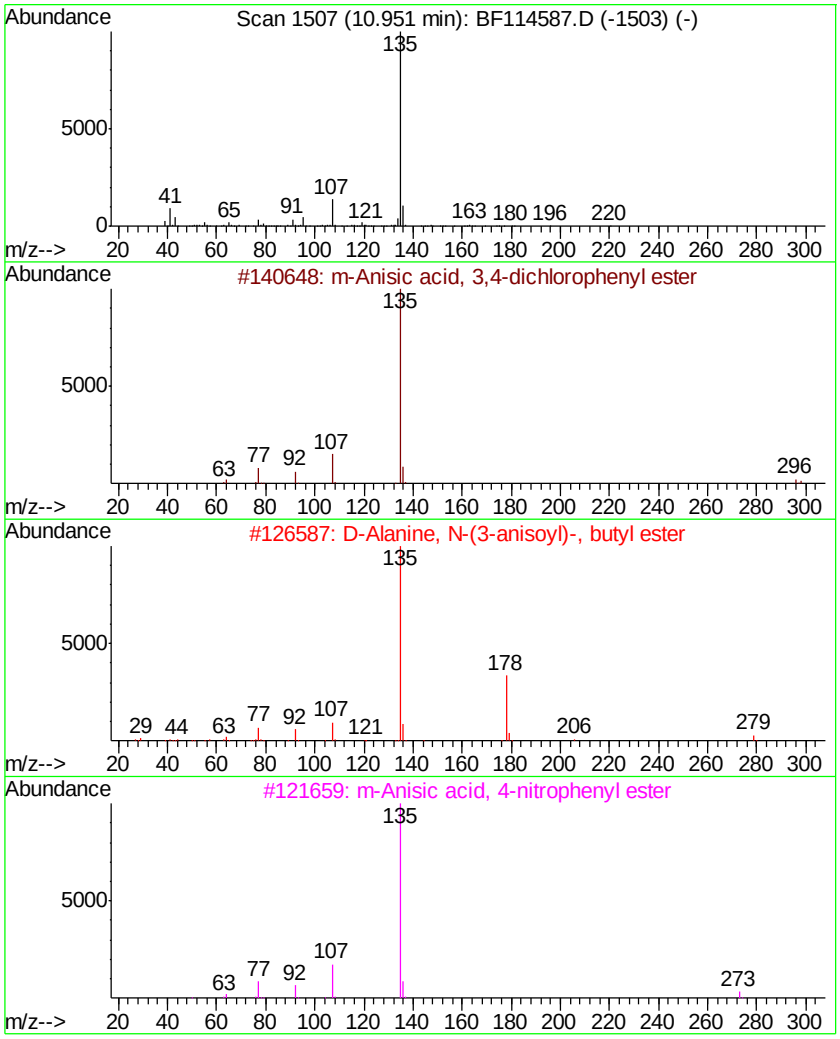
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

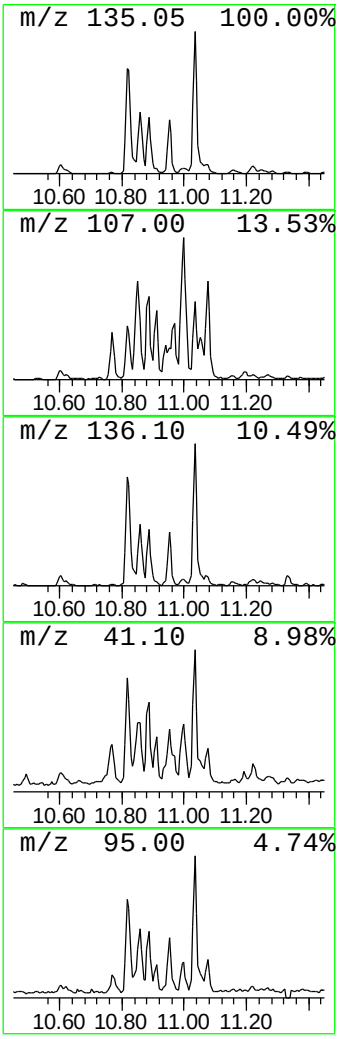
****

Peak Number 9 m-Anisic acid, 3,4-dichloro... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.95	8.46 ng	568361	Phenanthrene-d10	11.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	m-Anisic acid, 3,4-dichlorophenyl...	296	C14H10Cl2O3	1000307-80-3	56
2	D-Alanine, N-(3-anisoyl)-, butyl...	279	C15H21NO4	1000354-04-3	56
3	m-Anisic acid, 4-nitrophenyl ester	273	C14H11NO5	1000307-80-4	50
4	Trichloroacetic acid, 1-adamantyl...	310	C13H17Cl3O2	1000282-92-0	50
5	3-(p-Anisoyl)-2-thioxo-4-thiazol...	401	C19H15NO5S2	299970-55-1	50





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Sample : K3035-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
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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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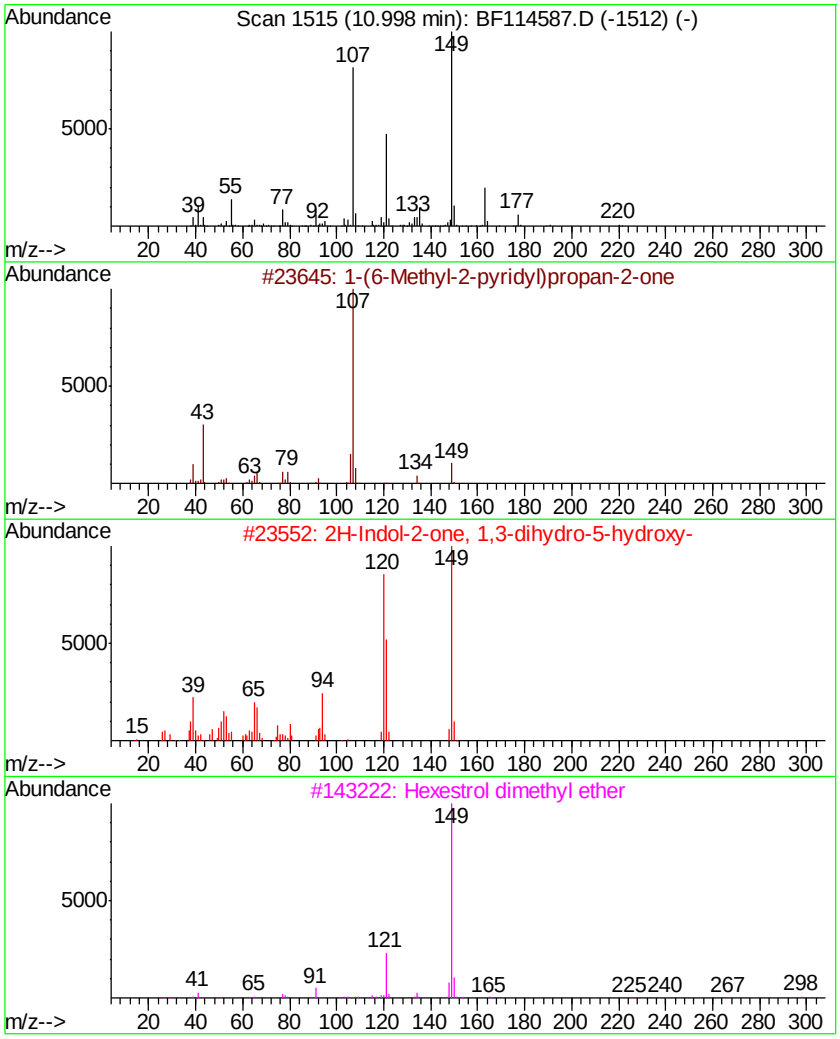
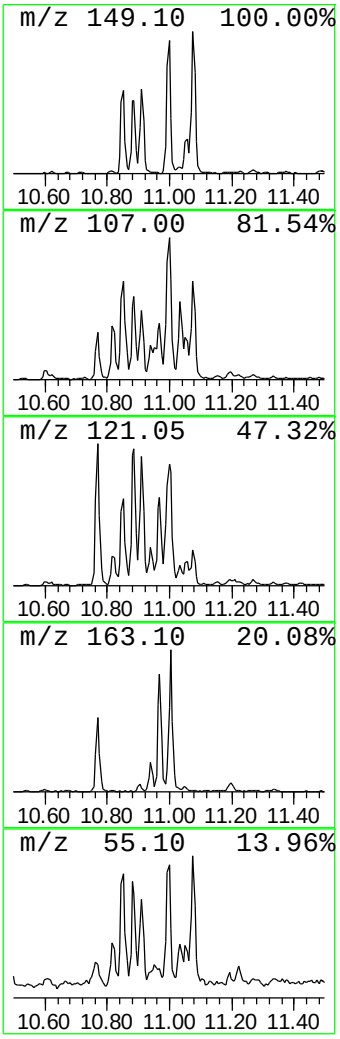
Peak Number 10 1-(6-Methyl-2-pyridyl)propa... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.00	14.23 ng	956112	Phenanthrene-d10	11.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-(6-Methyl-2-pyridyl)propan-2-one	149	C9H11NO	065702-08-1	53
2	2H-Indol-2-one, 1,3-dihydro-5-hy...	149	C8H7NO2	003416-18-0	35
3	Hexestrol dimethyl ether	298	C20H26O2	000130-78-9	35
4	Phenol, 4-(1,1-dimethylethyl)-2-...	164	C11H16O	000098-27-1	32
5	Phenol, 4-butyl-	150	C10H14O	001638-22-8	30





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Operator : JU/SJ
Sample : K3035-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OIL-WATER-SEPERATOR-3(OWS)-

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.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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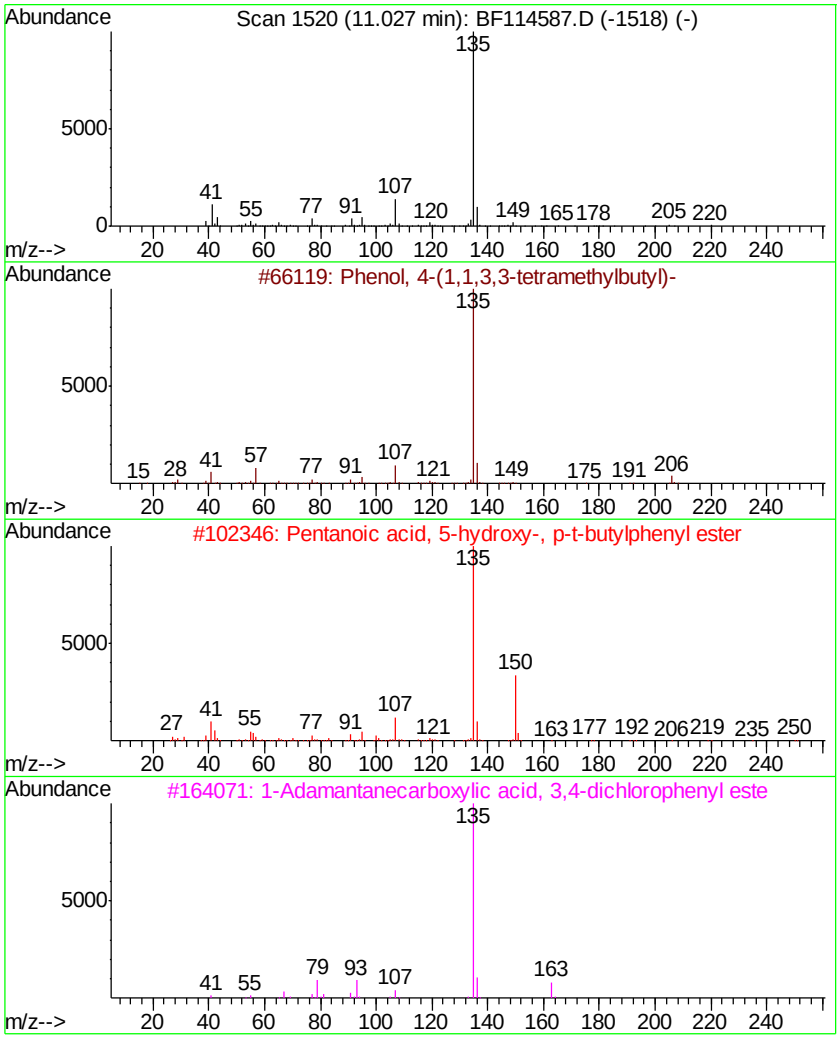
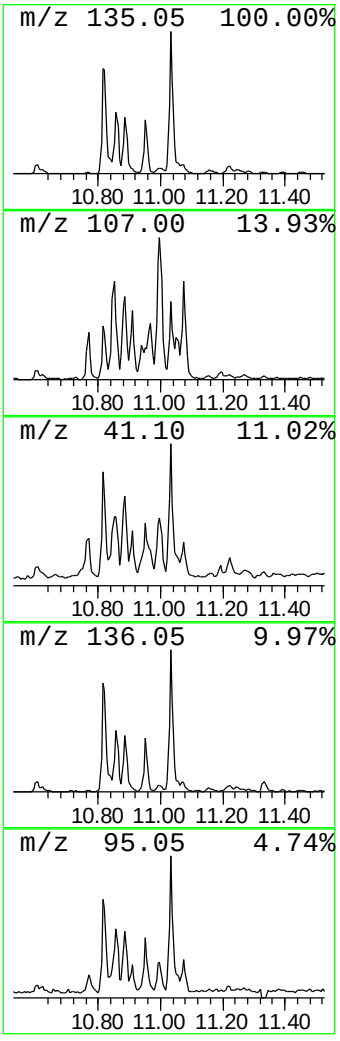
Peak Number 11 Phenol, 4-(1,1,3,3-tetramet... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.03	14.85 ng	998279	Phenanthrene-d10	11.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4-(1,1,3,3-tetramethylbu...	206	C14H22O	000140-66-9	83
2	Pentanoic acid, 5-hydroxy-, p-t-...	250	C15H22O3	166273-37-6	78
3	1-Adamantanecarboxylic acid, 3,4...	324	C17H18Cl2O2	1000307-66-4	64
4	Carbamic acid, N-[1,1-bis(triflu...	413	C19H25F6NO2	296242-69-8	64
5	4-(1,1-Dimethylpropyl)phenyl ace...	206	C13H18O2	1000373-45-3	64





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Operator : JU/SJ
Sample : K3035-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OIL-WATER-SEPERATOR-3(OWS)-

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.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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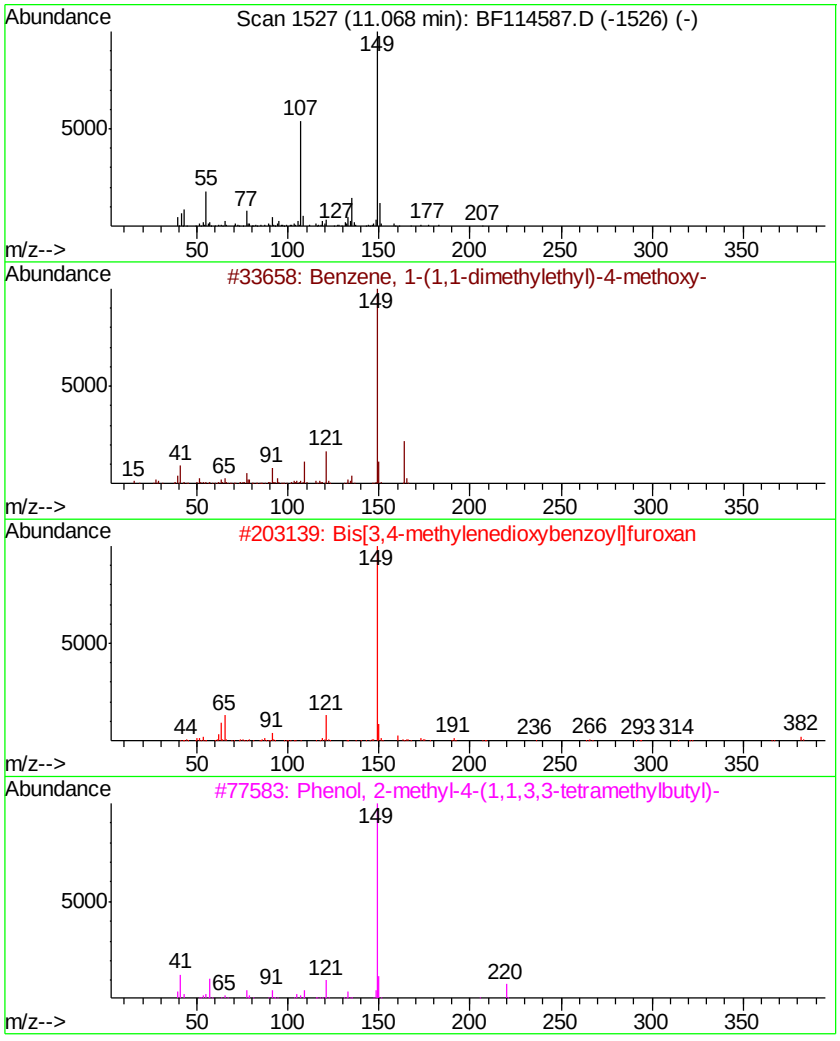
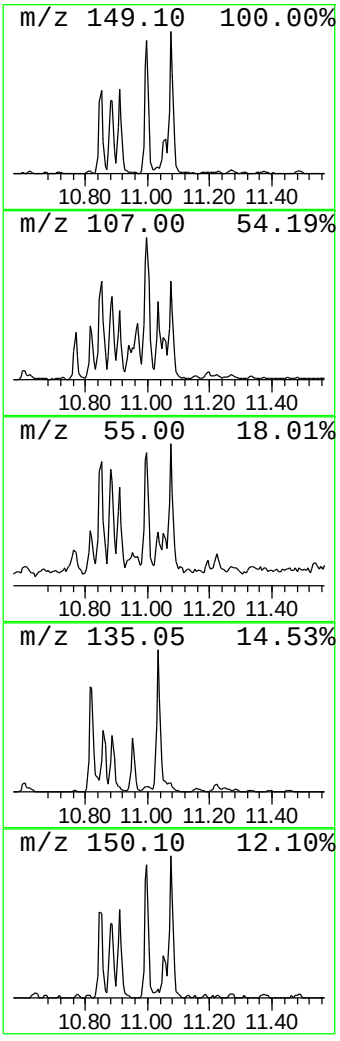
Peak Number 12 Benzene, 1-(1,1-dimethyleth... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.07	8.28 ng	556291	Phenanthrene-d10	11.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-(1,1-dimethylethyl)-4...	164	C11H16O	005396-38-3	53
2	Bis[3,4-methylenedioxybenzoyl]fu...	382	C18H10N2O8	240142-32-9	47
3	Phenol, 2-methyl-4-(1,1,3,3-tetr...	220	C15H24O	002219-84-3	40
4	Benzene, 1-isocyanato-4-methoxy-	149	C8H7NO2	005416-93-3	40
5	Phenol, 4-(1,1-dimethylethyl)-2-...	164	C11H16O	000098-27-1	40





Library Search Compound Report

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Acq On : 24 May 2019 23:10
Operator : JU/SJ
Sample : K3035-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OIL-WATER-SEPERATOR-3(OWS)-

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

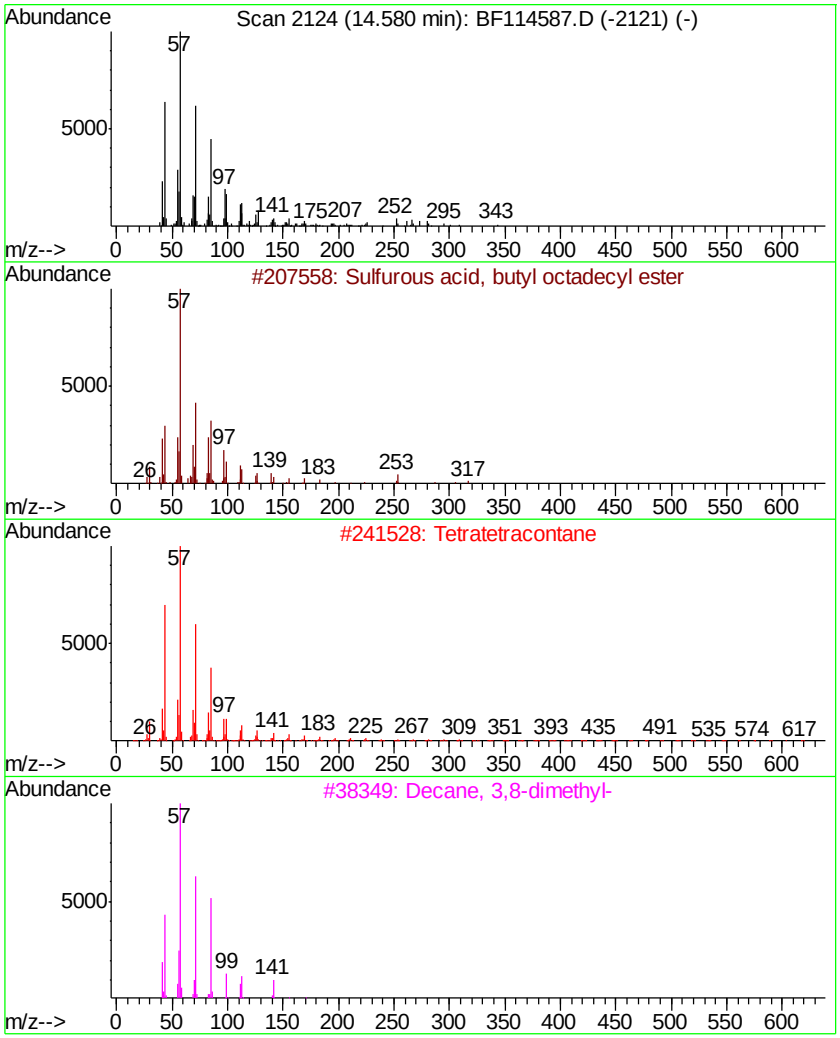
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

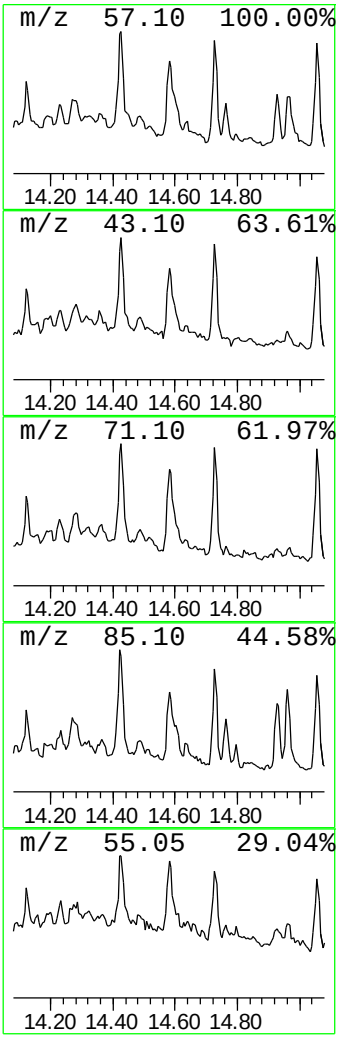
****

Peak Number 13 Sulfurous acid, butyl octad... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.58	7.75 ng	400649	Chrysene-d12	13.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfurous acid, butyl octadecyl ...	390	C22H46O3S	1000309-18-5	91
2	Tetratetracontane	619	C44H90	007098-22-8	87
3	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	87
4	Heptacosane	380	C27H56	000593-49-7	83
5	Eicosane, 2-methyl-	296	C21H44	001560-84-5	83





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Sample : K3035-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OIL-WATER-SEPERATOR-3(OWS)-

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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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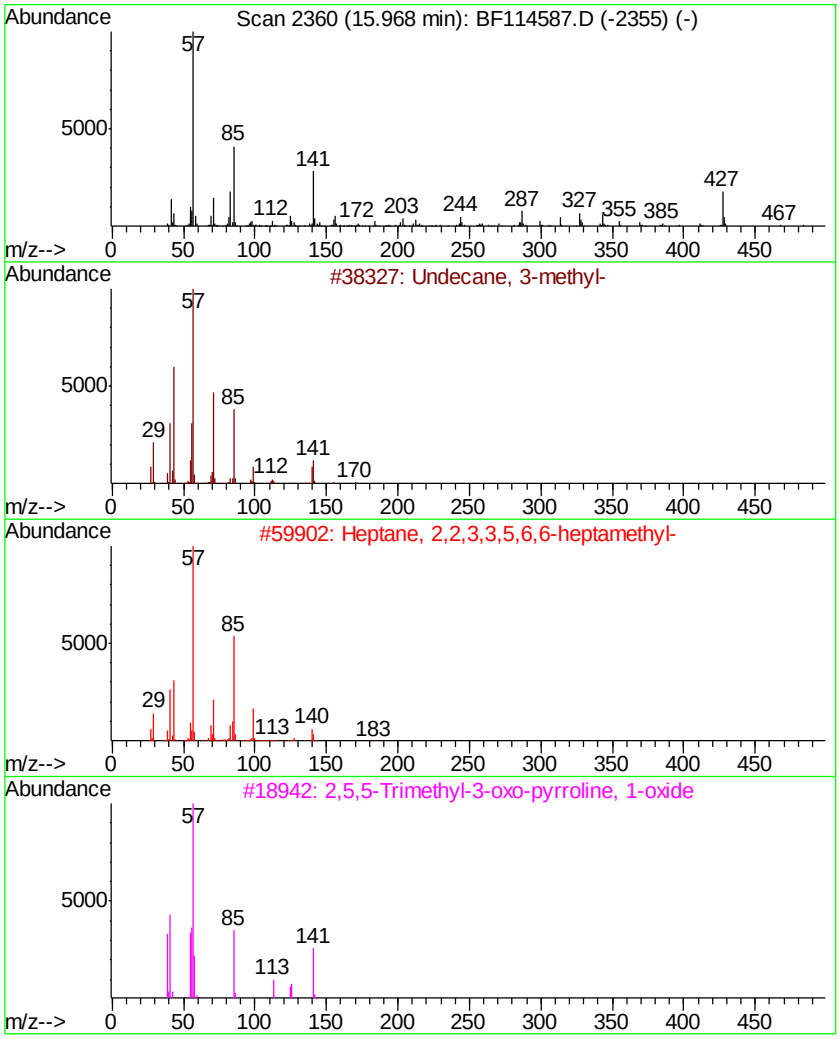
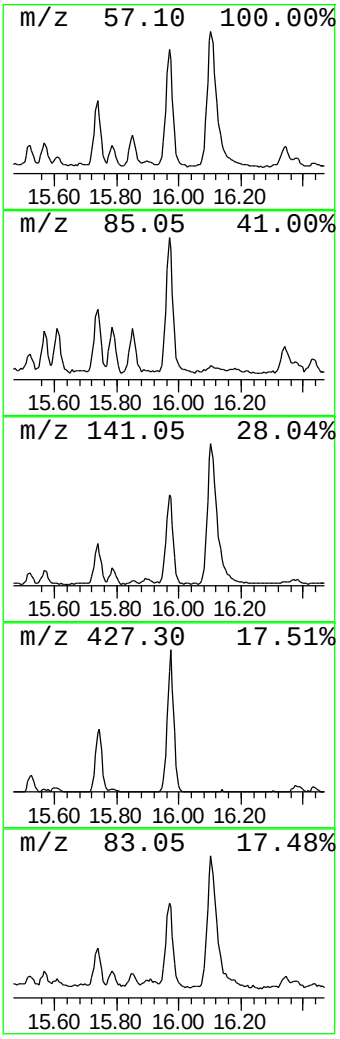
Peak Number 14 unknown15.97 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.97	16.92 ng	991179	Perylene-d12	15.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 3-methyl-	170	C12H26	001002-43-3	38
2	Heptane, 2,2,3,3,5,6,6-heptamethyl-	198	C14H30	007225-67-4	35
3	2,5,5-Trimethyl-3-oxo-pyrroline,...	141	C7H11NO2	1000305-90-5	28
4	3,5-Heptanedione, 4-ethyl-2,2,6,...	212	C13H24O2	167545-33-7	27
5	Octadecane	254	C18H38	000593-45-3	25





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Operator : JU/SJ
Sample : K3035-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OIL-WATER-SEPERATOR-3(OWS)-

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.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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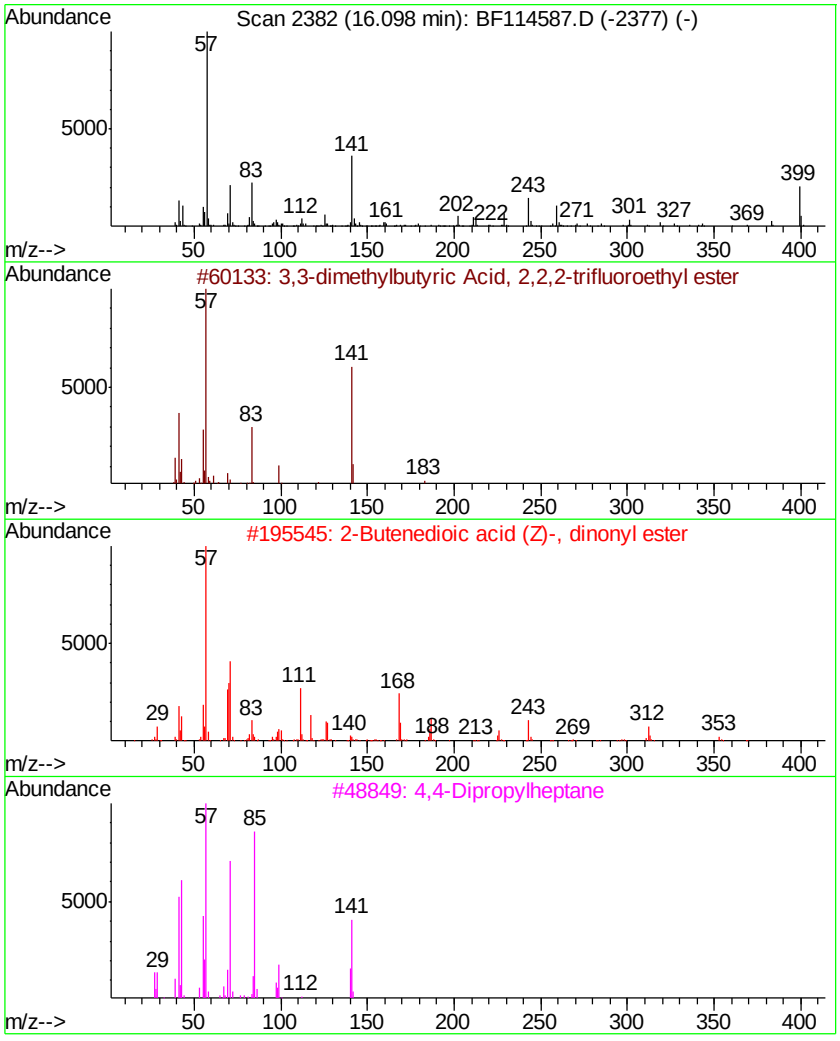
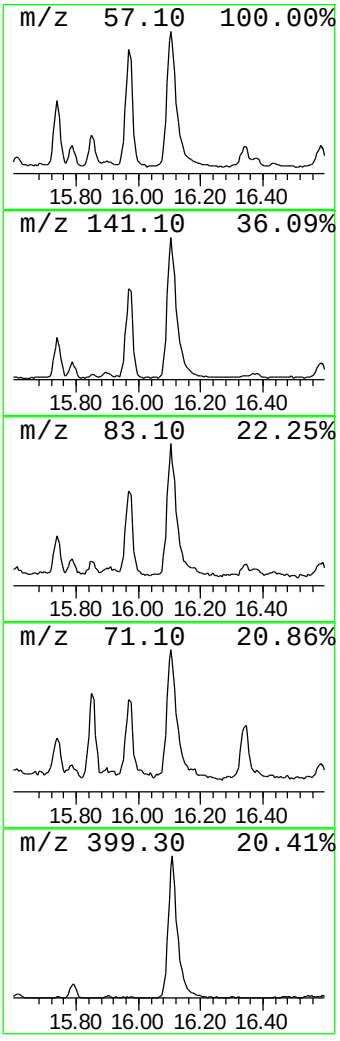
Peak Number 15 unknown16.10 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.10	27.36 ng	1602930	Perylene-d12	15.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,3-dimethylbutyric Acid, 2,2,2-...	198	C8H13F3O2	1000376-56-6	10
2	2-Butenedioic acid (Z)-, dinonyl...	368	C22H40O4	002787-64-6	9
3	4,4-Dipropylheptane	184	C13H28	017312-72-0	7
4	2-Furancarboxaldehyde, 5-nitro-	141	C5H3NO4	000698-63-5	4
5	Tridecane, 4,8-dimethyl-	212	C15H32	055030-62-1	4





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Operator : JU/SJ
Sample : K3035-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OIL-WATER-SEPERATOR-3(OWS)-

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.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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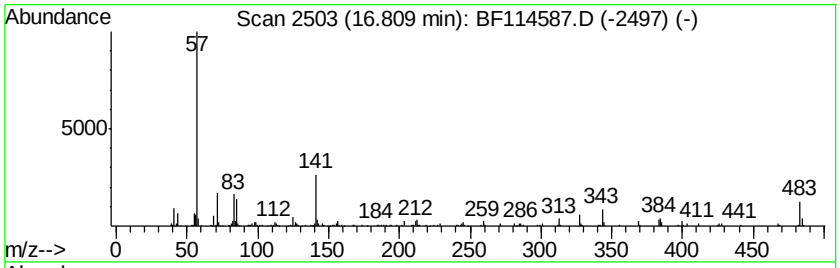
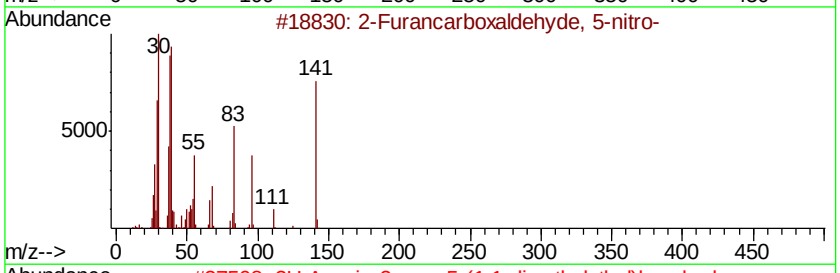
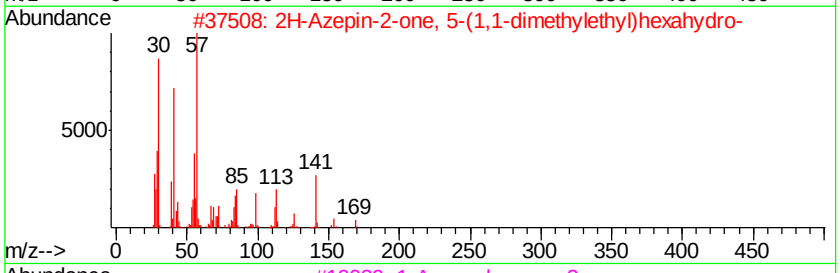
Peak Number 16 unknown16.81 Concentration Rank 19

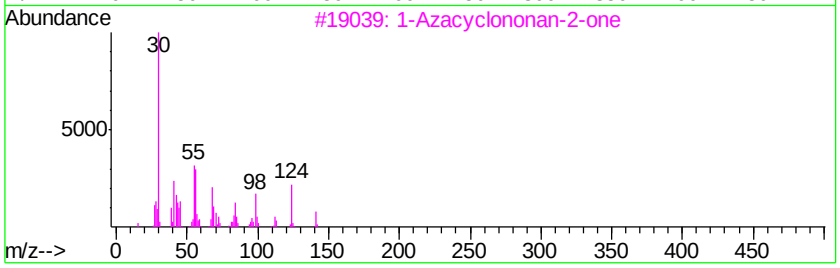
R.T.	EstConc	Area	Relative to ISTD	R.T.
16.81	8.15 ng	477826	Perylene-d12	15.44

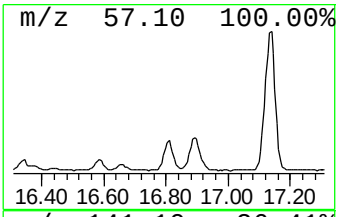
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Furancarboxaldehyde, 5-nitro-	141	C5H3NO4	000698-63-5	4
2	2H-Azepin-2-one, 5-(1,1-dimethyl...	169	C10H19NO	032741-89-2	4
3	1-Azacyclononan-2-one	141	C8H15NO	000935-30-8	3
4	Methane, chlorotrinitro-	185	CClN3O6	001943-16-4	1
5	Trihydroxyphenethylamine, 3,4,5-	169	C8H11NO3	001927-04-4	1

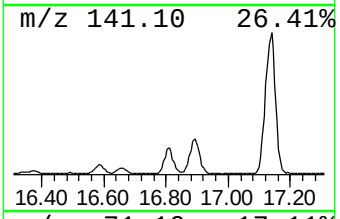


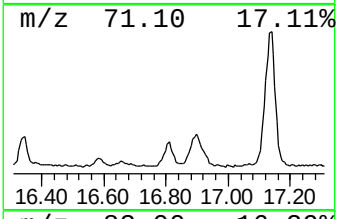


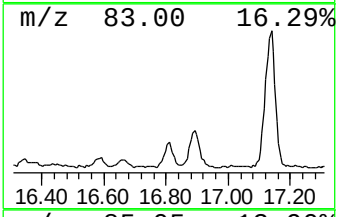


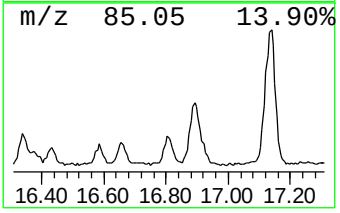












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Acq On : 24 May 2019 23:10
Operator : JU/SJ
Sample : K3035-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OIL-WATER-SEPERATOR-3(OWS)-

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.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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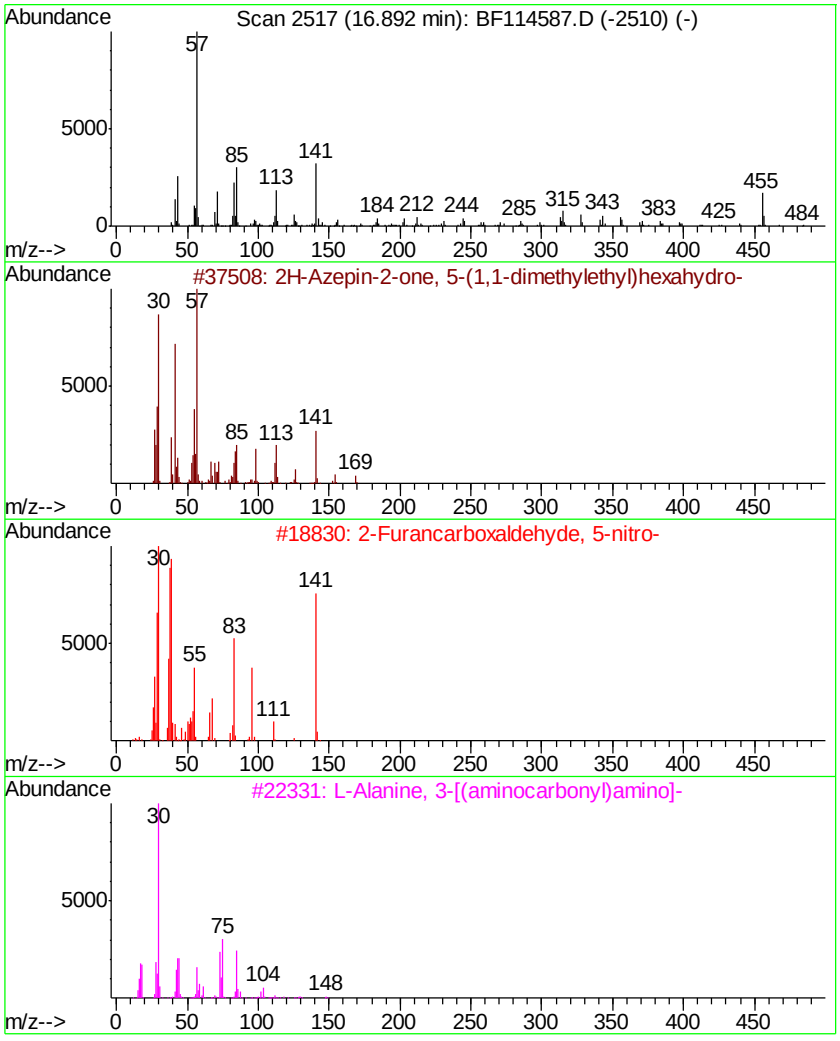
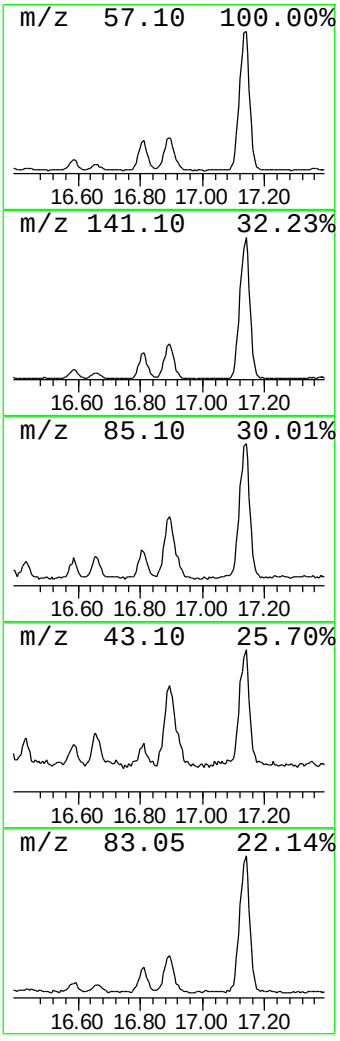
Peak Number 17 unknown16.89 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.89	15.97 ng	935891	Perylene-d12	15.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2H-Azepin-2-one, 5-(1,1-dimethyl...	169	C10H19NO	032741-89-2	9
2	2-Furancarboxaldehyde, 5-nitro-	141	C5H3NO4	000698-63-5	7
3	L-Alanine, 3-[(aminocarbonyl)ami...	147	C4H9N3O3	001483-07-4	4
4	Valeric acid hydrazide	116	C5H12N2O	038291-82-6	4
5	3-Aminooxy-4-chlorobutyric acid,...	181	C6H12ClNO3	1000186-78-9	3





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052419\
Data File : BF114587.D
Acq On : 24 May 2019 23:10
Operator : JU/SJ
Sample : K3035-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OIL-WATER-SEPERATOR-3(OWS)-

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.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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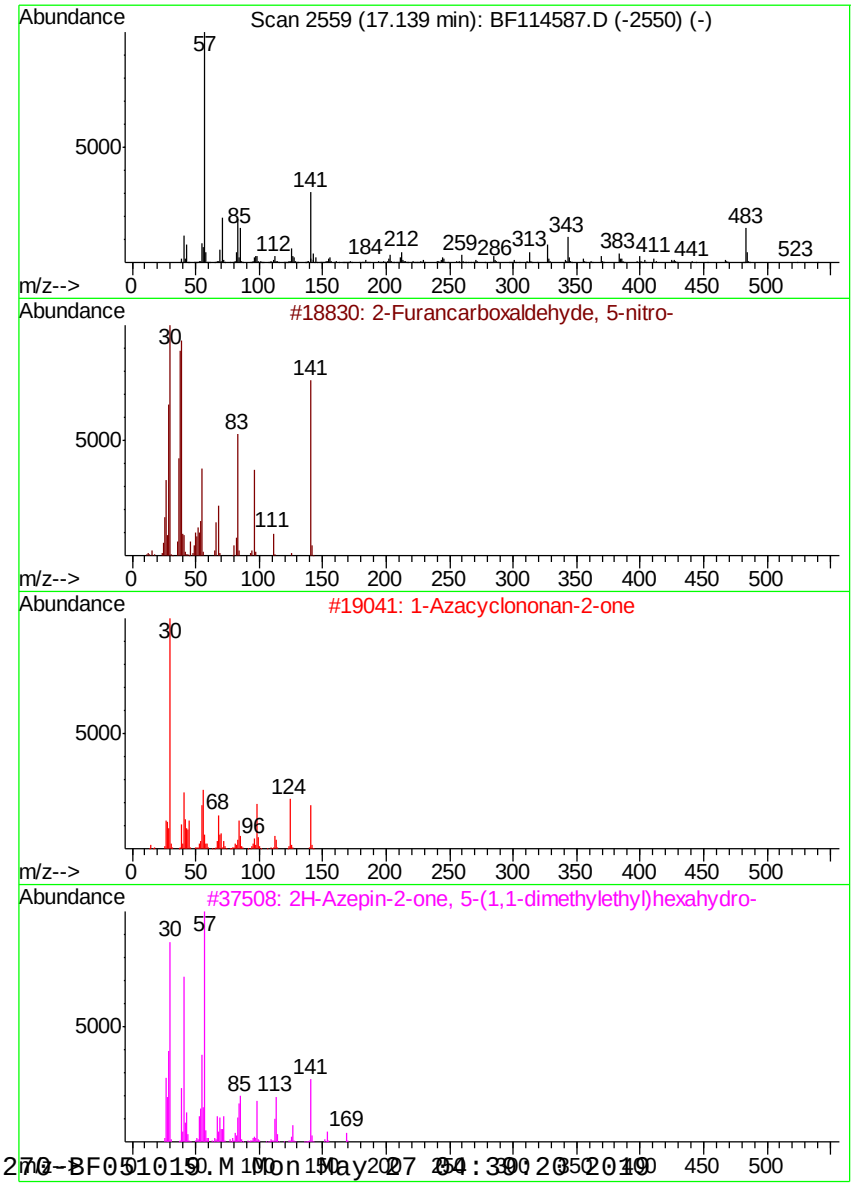
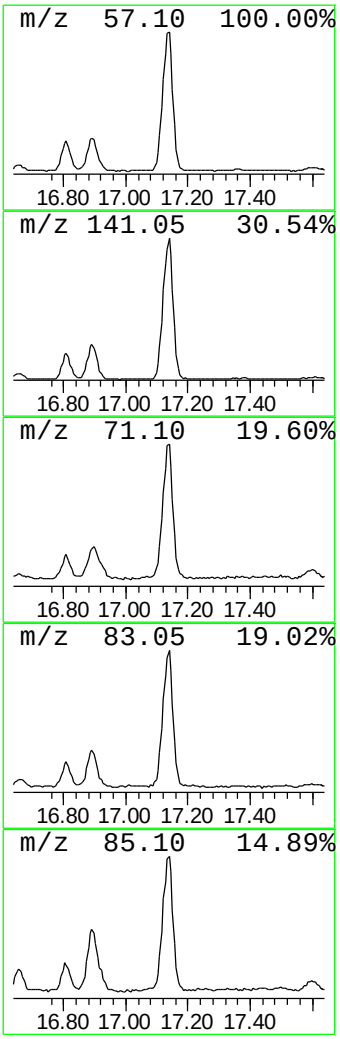
Peak Number 18 unknown17.14 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.14	52.09 ng	3051910	Perylene-d12	15.44

Hit# of 4	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Furancarboxaldehyde, 5-nitro-	141	C5H3NO4	000698-63-5	4
2	1-Azacyclononan-2-one	141	C8H15NO	000935-30-8	3
3	2H-Azepin-2-one, 5-(1,1-dimethyl...	169	C10H19NO	032741-89-2	1
4	Trihydroxyphenethylamine, 3,4,5-	169	C8H11NO3	001927-04-4	1





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052419\
Data File : BF114587.D
Acq On : 24 May 2019 23:10
Operator : JU/SJ
Sample : K3035-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OIL-WATER-SEPERATOR-3(OWS)-

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.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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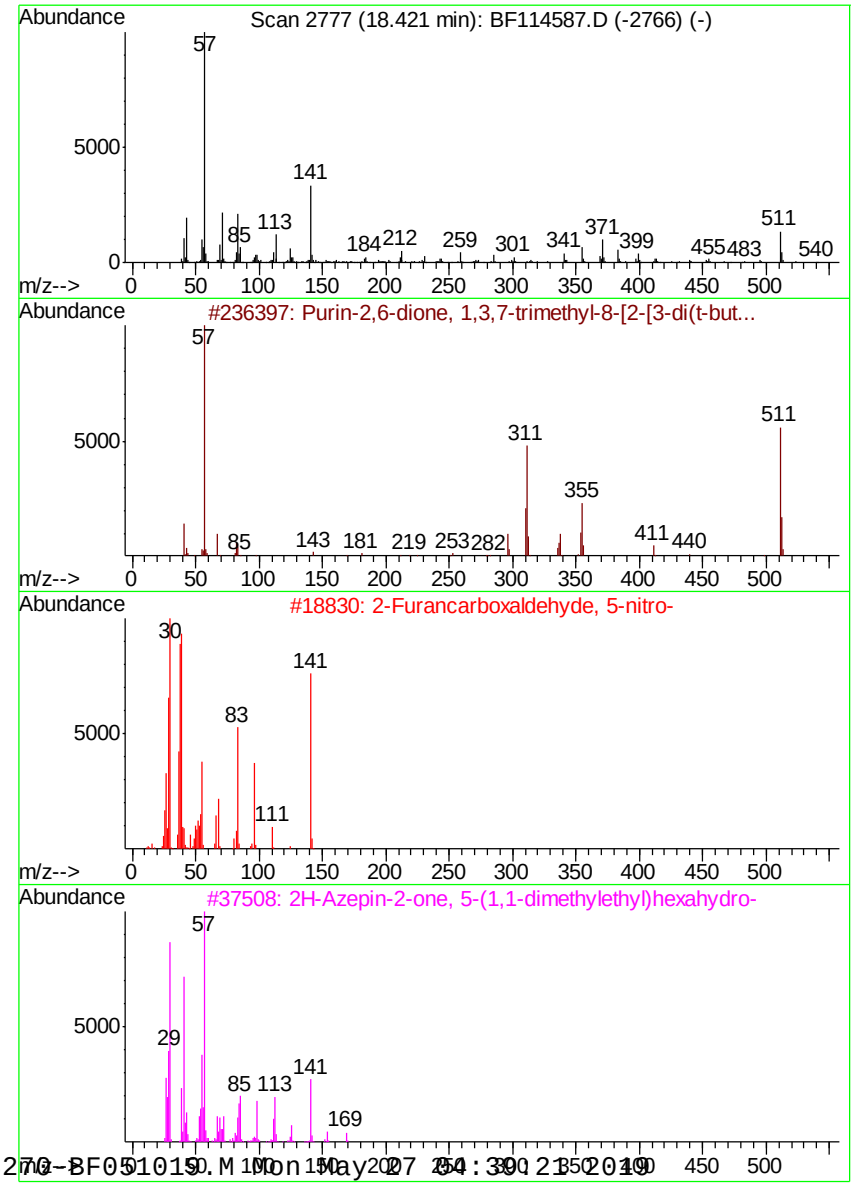
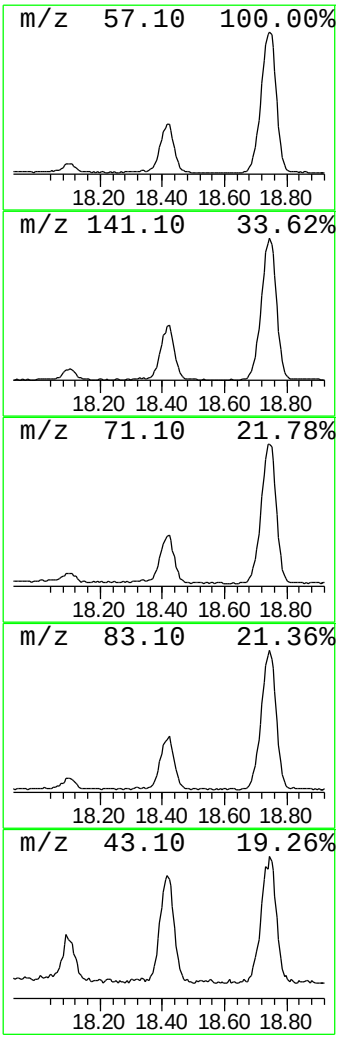
Peak Number 19 unknown18.42 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.42	35.45 ng	2077290	Perylene-d12	15.44

Hit# of 4	Tentative ID	MW	MolForm	CAS#	Qual
1	Purin-2,6-dione, 1,3,7-trimethyl...	511	C26H33N5O6	1000128-16-7	14
2	2-Furancarboxaldehyde, 5-nitro-	141	C5H3NO4	000698-63-5	7
3	2H-Azepin-2-one, 5-(1,1-dimethyl...	169	C10H19NO	032741-89-2	1
4	1,3,4,6-Tetrabromopentacyclo[9.3...	528	C16H20Br4	1000287-98-8	1





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052419\
Data File : BF114587.D
Acq On : 24 May 2019 23:10
Operator : JU/SJ
Sample : K3035-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OIL-WATER-SEPERATOR-3(OWS)-

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.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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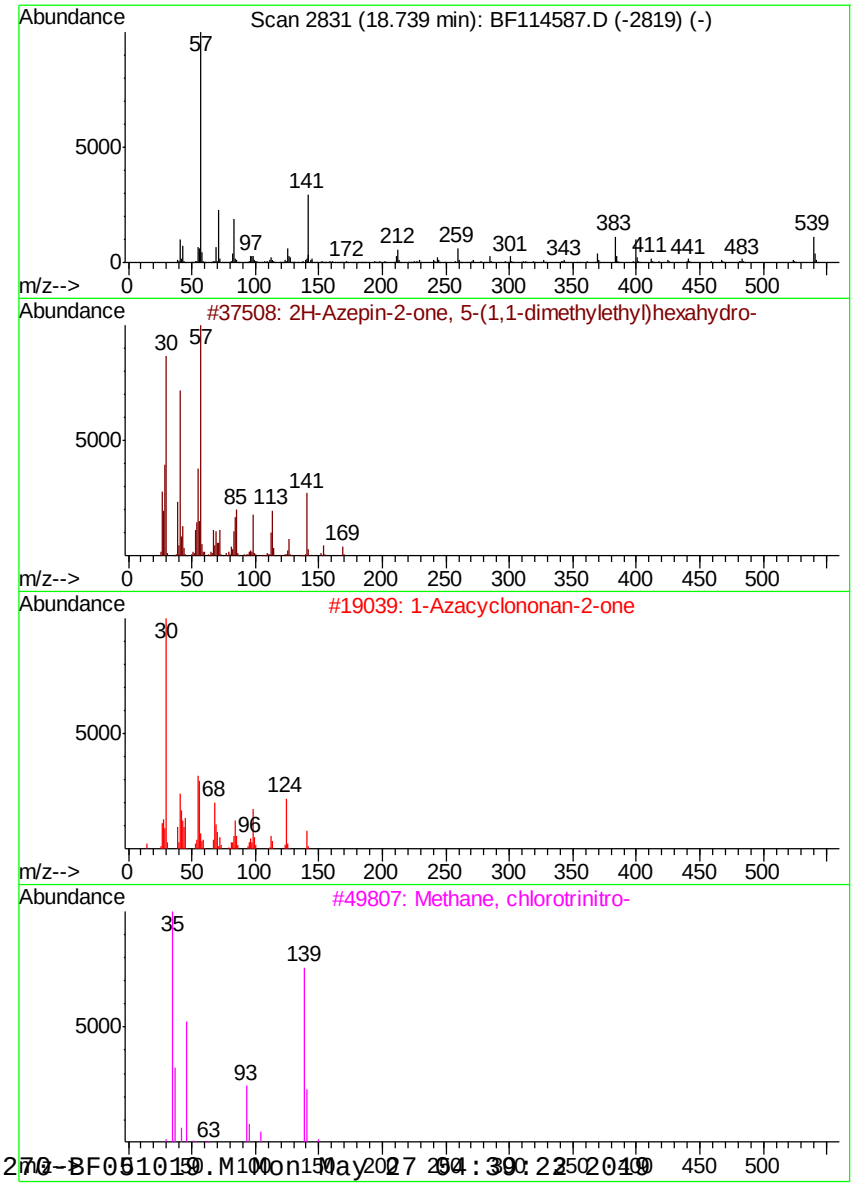
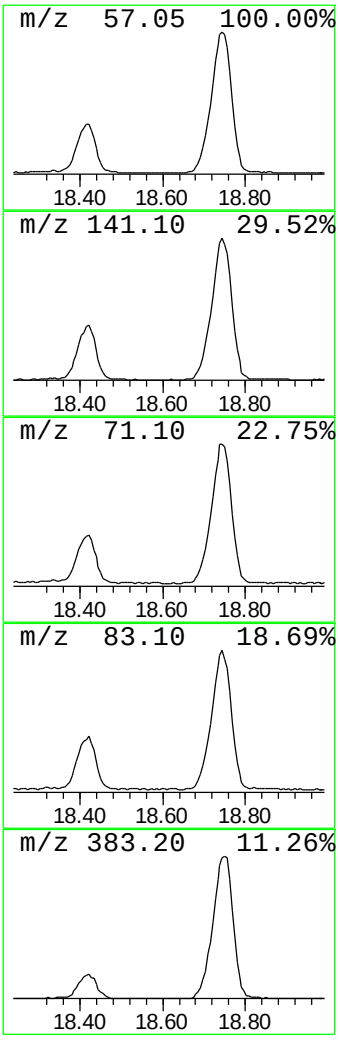
Peak Number 20 unknown18.74 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.74	95.22 ng	5579300	Perylene-d12	15.44

Hit# of 4	Tentative ID	MW	MolForm	CAS#	Qual
1	2H-Azepin-2-one, 5-(1,1-dimethyl...	169	C10H19NO	032741-89-2	1
2	1-Azacyclononan-2-one	141	C8H15NO	000935-30-8	1
3	Methane, chlorotrinitro-	185	CClN3O6	001943-16-4	1
4	Trihydroxyphenethylamine, 3,4,5-	169	C8H11NO3	001927-04-4	1





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF052419\
Data File : BF114587.D
Acq On : 24 May 2019 23:10
Operator : JU/SJ
Sample : K3035-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OIL-WATER-SEPERATOR-3(OWS)-

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.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
n-Propyl acetate	2.74	8.6	ng	400583	1	6.81	935300	20.0
Propane, 2-methyl...	5.03	10.0	ng	466061	1	6.81	935300	20.0
unknown6.59	6.59	71.0	ng	3318540	1	6.81	935300	20.0
Hexanoic acid, 3,...	7.73	113.4	ng	6081640	2	8.09	1072550	20.0
4-(1,1-Dimethylpr...	10.82	11.5	ng	774992	4	11.33	1344040	20.0
unknown10.85	10.85	13.2	ng	888409	4	11.33	1344040	20.0
Phenol, p-tert-bu...	10.89	11.9	ng	802592	4	11.33	1344040	20.0
m-Anisic acid, 3,...	10.95	8.5	ng	568361	4	11.33	1344040	20.0
1-(6-Methyl-2-pyr...	11.00	14.2	ng	956112	4	11.33	1344040	20.0
Phenol, 4-(1,1,3,...	11.03	14.9	ng	998279	4	11.33	1344040	20.0
Benzene, 1-(1,1-d...	11.07	8.3	ng	556291	4	11.33	1344040	20.0
Sulfurous acid, b...	14.58	7.8	ng	400649	5	13.98	1033630	20.0
unknown15.97	15.97	16.9	ng	991179	6	15.44	1171870	20.0
unknown16.10	16.10	27.4	ng	1602930	6	15.44	1171870	20.0
unknown16.81	16.81	8.2	ng	477826	6	15.44	1171870	20.0
unknown16.89	16.89	16.0	ng	935891	6	15.44	1171870	20.0
unknown17.14	17.14	52.1	ng	3051910	6	15.44	1171870	20.0
unknown18.42	18.42	35.5	ng	2077290	6	15.44	1171870	20.0
unknown18.74	18.74	95.2	ng	5579300	6	15.44	1171870	20.0