LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101019\
Data File : BF117368.D
Acq On : 10 Oct 2019 18:55
Operator : JU
Sample : K5293-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : KEARNY-TOPSOIL

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-BF091319.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	5.004	493	496	510	rBV	46005	75665	5.54%	0.599%
2	5.422	563	567	592	rBV	934797	1065954	78.04%	8.442%
3	6.439	736	740	758	rBV	1116904	1222721	89.52%	9.683%
4	6.569	758	762	772	rVV	1394663	1234397	90.37%	9.776%
5	6.792	797	800	811	rBV	317006	287667	21.06%	2.278%
6	6.951	823	827	843	rBV	1033481	922929	67.57%	7.309%
7	7.357	892	896	917	rBV	638606	738146	54.04%	5.846%
8	8.075	1015	1018	1036	rBV	282052	370325	27.11%	2.933%
9	9.151	1197	1201	1213	rBV	1495806	1365904	100.00%	10.817%
10	9.545	1264	1268	1276	rBV	223601	209913	15.37%	1.662%
11	9.827	1313	1316	1330	rVB	463952	441500	32.32%	3.496%
12	10.621	1447	1451	1465	rBV	739233	737589	54.00%	5.841%
13	11.316	1565	1569	1579	rBV	387807	434045	31.78%	3.437%
14	11.768	1642	1646	1650	rBV2	26496	37925	2.78%	0.300%
15	11.845	1655	1659	1666	rVB	139987	149896	10.97%	1.187%
16	12.168	1709	1714	1716	rBV2	13277	14953	1.09%	0.118%
17	12.533	1773	1776	1779	rBV	77032	81879	5.99%	0.648%
18	12.563	1779	1781	1786	rVB	49938	44753	3.28%	0.354%
19	12.627	1789	1792	1796	rBV3	17997	21503	1.57%	0.170%
20	12.762	1809	1815	1819	rBV	64958	71831	5.26%	0.569%
21	12.898	1834	1838	1841	rBV	1134653	940856	68.88%	7.451%
22	13.792	1987	1990	2000	rBV3	79268	132072	9.67%	1.046%
23	13.962	2015	2019	2022	rBV	270667	291461	21.34%	2.308%
24	14.109	2040	2044	2046	rBV4	14459	21351	1.56%	0.169%
25	14.227	2062	2064	2071	rBV6	8155	14527	1.06%	0.115%
26	14.415	2092	2096	2097	rBV	36983	40408	2.96%	0.320%
27	14.433	2097	2099	2107	rVB8	38144	71254	5.22%	0.564%
28	14.709	2142	2146	2149	rBV2	33764	44340	3.25%	0.351%
29	14.786	2156	2159	2163	rVB	63311	63512	4.65%	0.503%
30	14.851	2167	2170	2177	rVB6	24372	34750	2.54%	0.275%
31	14.998	2192	2195	2198	rBV	32215	42880	3.14%	0.340%
32	15.039	2198	2202	2205	rVB	121868	136972	10.03%	1.085%
33	15.080	2205	2209	2211	rBV4	24055	31556	2.31%	0.250%
34	15.251	2235	2238	2241	rVB4	19841	24308	1.78%	0.193%

LSC Area Percent Report

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Operator : JU
Sample : K5293-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : KEARNY-TOPSOIL

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-BF091319.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	15.292	2242	2245	2250	rVV3	22043	33104	2.42%	0.262%
36	15.356	2252	2256	2260	rVV2	29007	39759	2.91%	0.315%
37	15.415	2260	2266	2276	rVV	216043	335820	24.59%	2.659%
38	15.603	2294	2298	2303	rBV8	19478	28582	2.09%	0.226%
39	15.827	2331	2336	2342	rVB	76338	110951	8.12%	0.879%
40	15.892	2342	2347	2353	rBV9	26521	65859	4.82%	0.522%
41	16.062	2374	2376	2387	rVB9	21065	50732	3.71%	0.402%
42	16.309	2415	2418	2422	rVB5	19676	28632	2.10%	0.227%
43	16.880	2511	2515	2522	rVB6	33415	68693	5.03%	0.544%
44	17.409	2597	2605	2617	rVB6	41129	143592	10.51%	1.137%
45	17.515	2619	2623	2624	rBV4	12408	16292	1.19%	0.129%
46	17.909	2686	2690	2704	rVB4	49661	157445	11.53%	1.247%
47	18.197	2726	2739	2740	rBV9	17616	58427	4.28%	0.463%
48	18.374	2764	2769	2780	rVB9	23192	69803	5.11%	0.553%

Sum of corrected areas: 12627433

LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101019\
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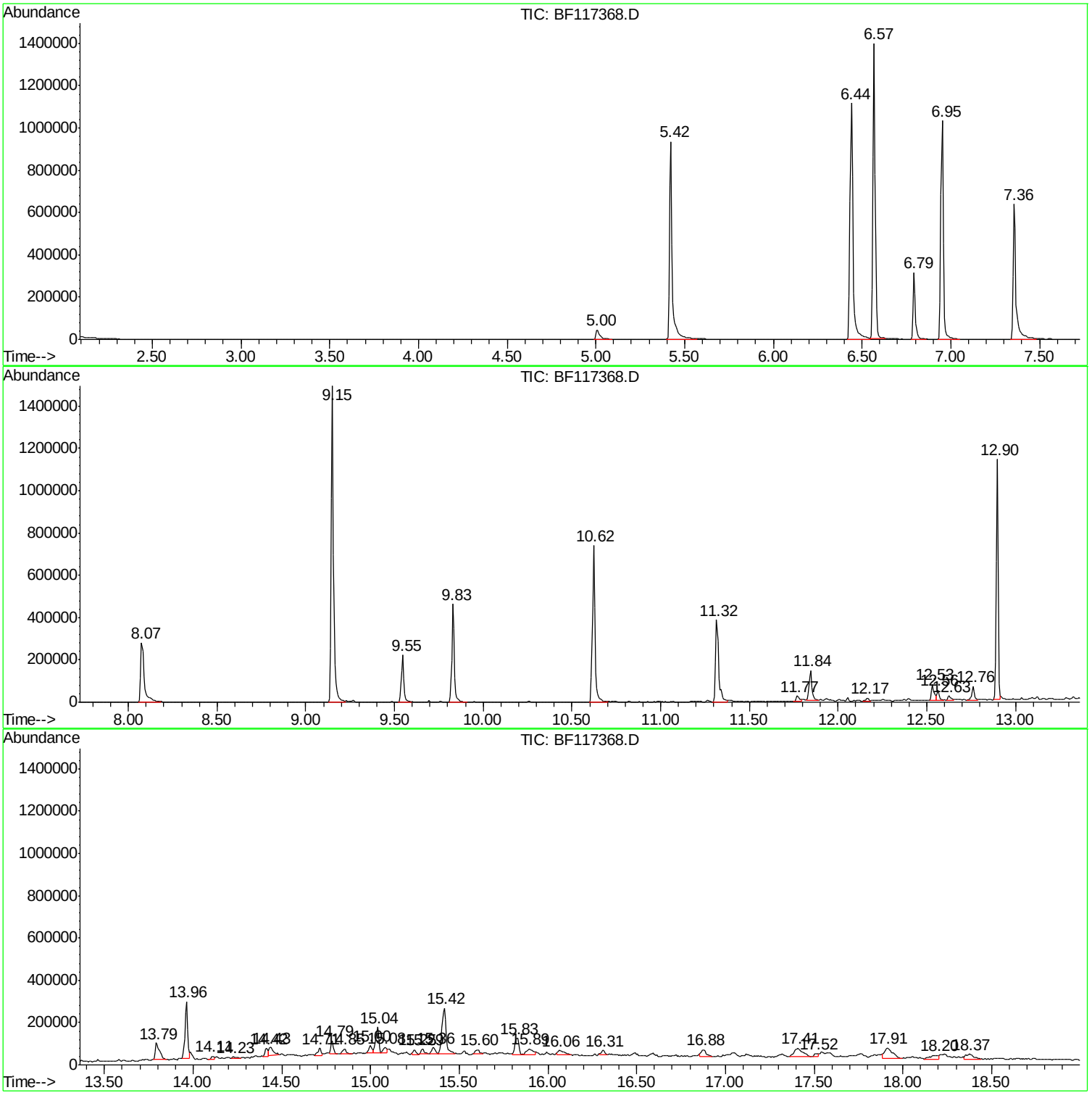
Acq On : 10 Oct 2019 18:55
Operator : JU
Sample : K5293-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : KEARNY-TOPSOIL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091319.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\BF101019\
Data File : BF117368.D
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Sample : K5293-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : KEARNY-TOPSOIL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

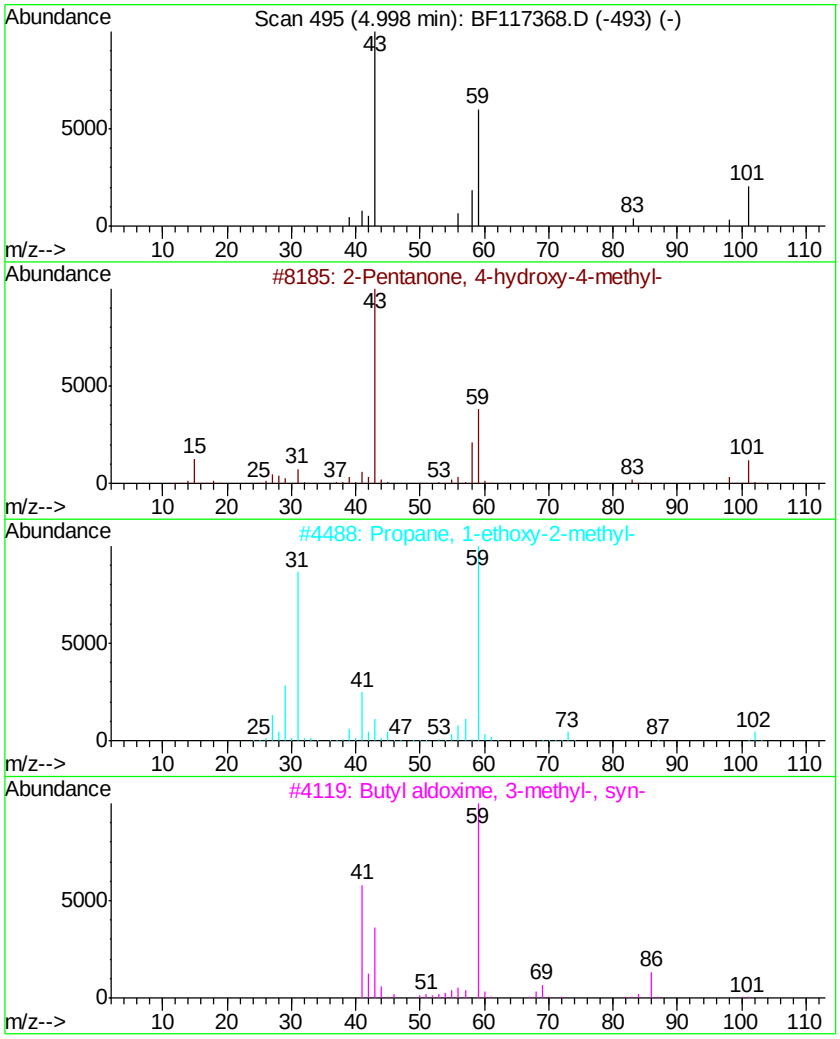
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

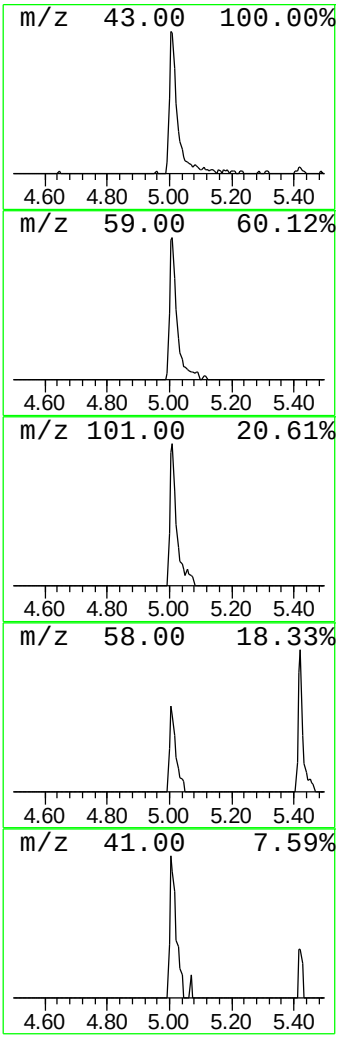
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.00	5.26 ng	75665	1,4-Dichlorobenzene-d4	6.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	53
2	Propane, 1-ethoxy-2-methyl-	102	C6H14O	000627-02-1	16
3	Butyl aldoxime, 3-methyl-, syn-	101	C5H11NO	005780-40-5	16
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	12
5	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101019\
Data File : BF117368.D
Acq On : 10 Oct 2019 18:55
Operator : JU
Sample : K5293-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : KEARNY-TOPSOIL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

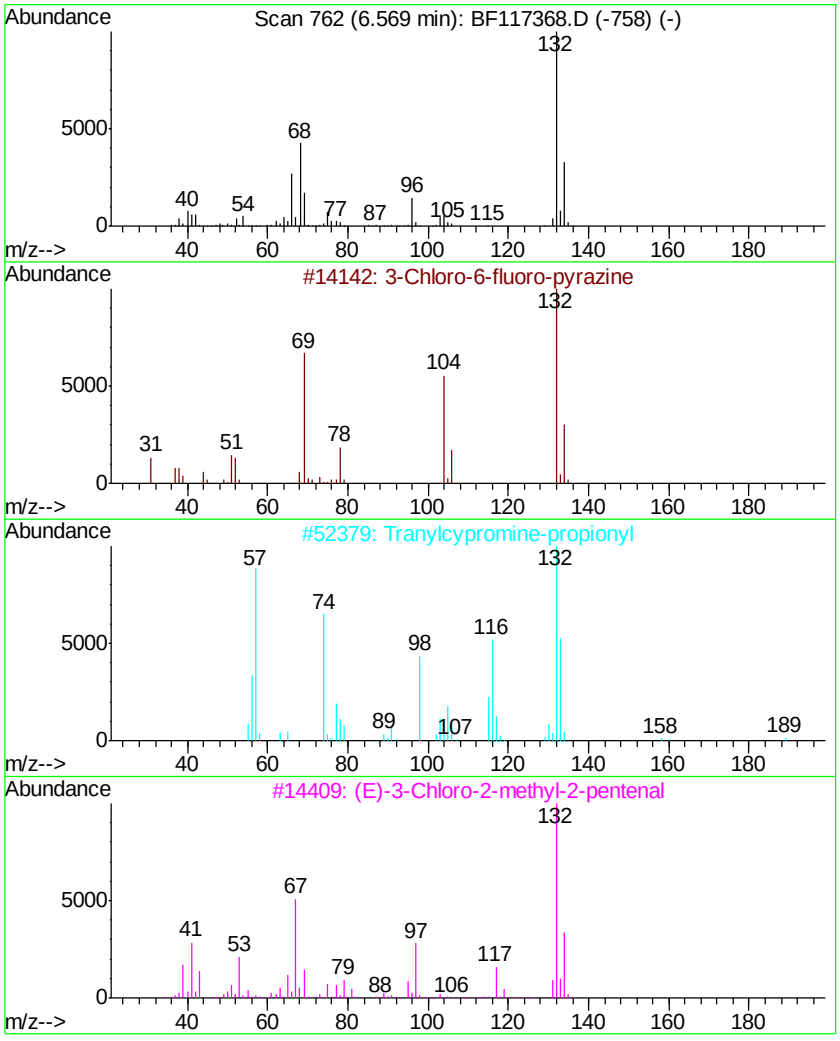
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

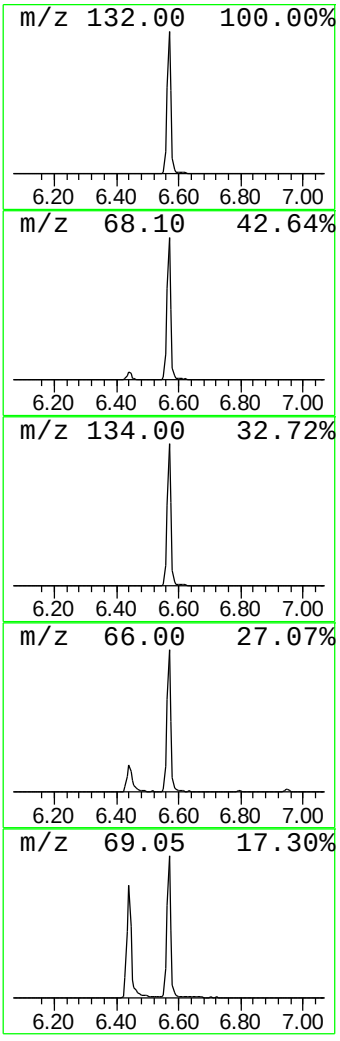
****

Peak Number 2 unknown6.57 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.57	85.82 ng	1234400	1,4-Dichlorobenzene-d4	6.79

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	9
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9





Library Search Compound Report

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Data File : BF117368.D
Acq On : 10 Oct 2019 18:55
Operator : JU
Sample : K5293-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : KEARNY-TOPSOIL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091319.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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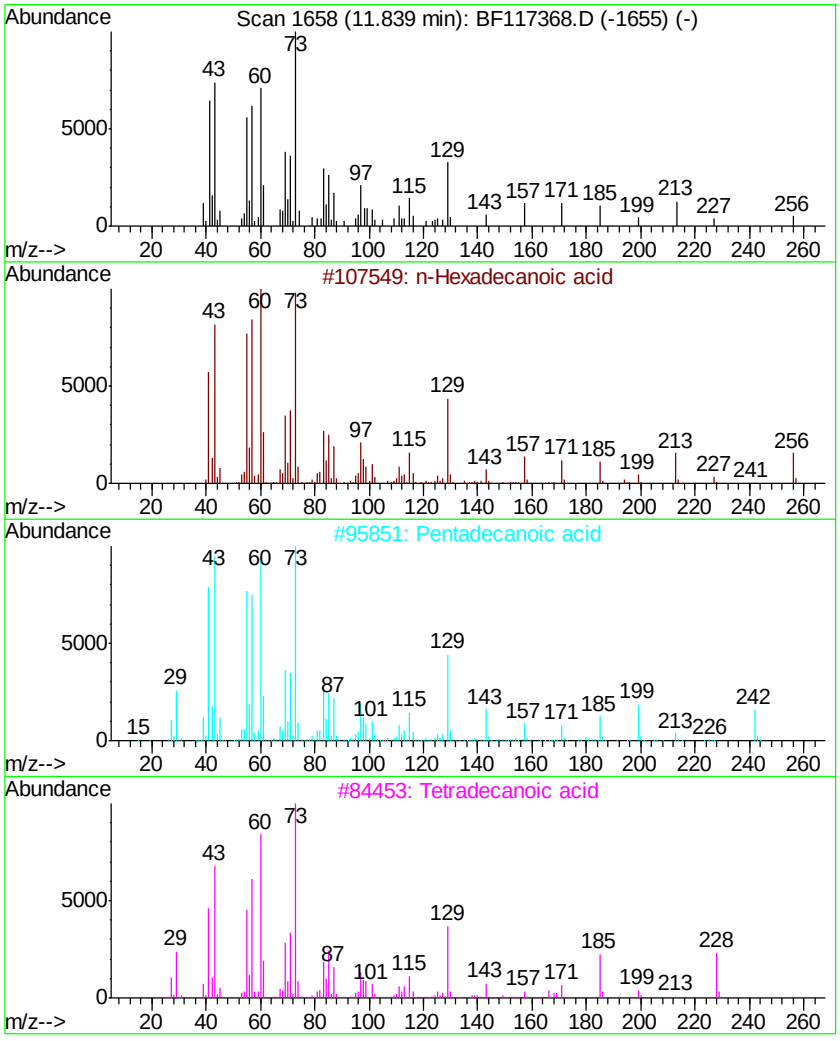
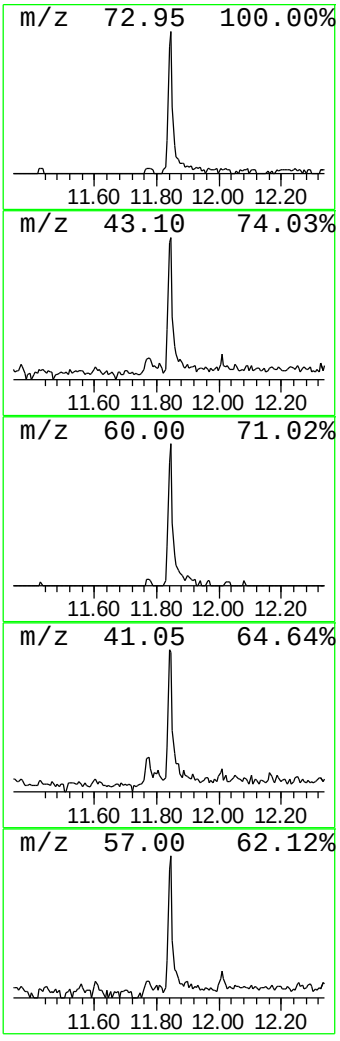
Peak Number 4 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.84	6.91 ng	149896	Phenanthrene-d10	11.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	76
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	72
4	Tridecanoic acid	214	C13H26O2	000638-53-9	70
5	Dodecanoic acid	200	C12H24O2	000143-07-7	52





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101019\
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Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : KEARNY-TOPSOIL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091319.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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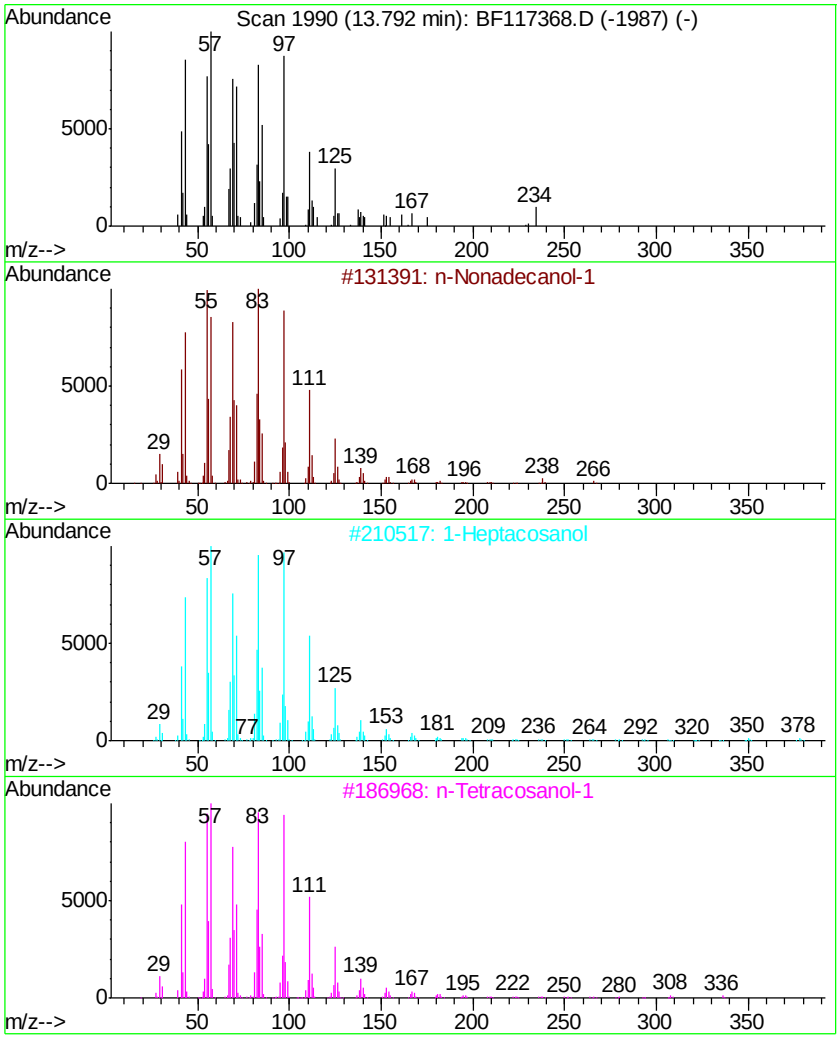
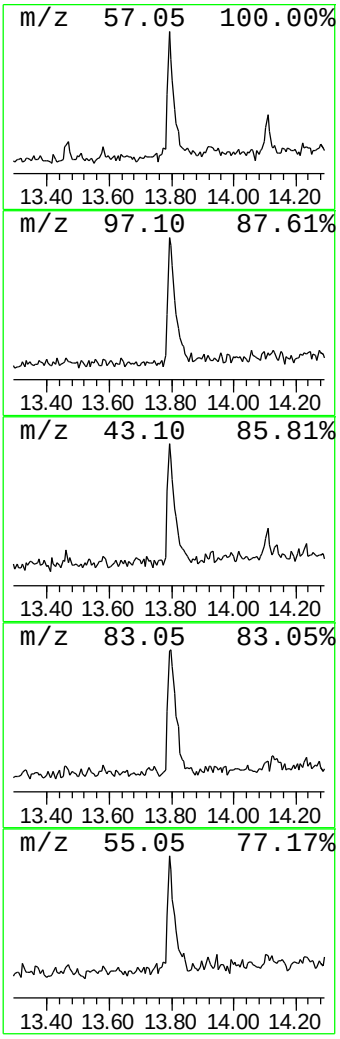
Peak Number 5 n-Nonadecanol-1 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.79	9.06 ng	132072	Chrysene-d12	13.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Nonadecanol-1	284	C19H40O	001454-84-8	81
2	1-Heptacosanol	396	C27H56O	002004-39-9	81
3	n-Tetracosanol-1	354	C24H50O	000506-51-4	81
4	1-Heneicosanol	312	C21H44O	015594-90-8	81
5	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	76





Library Search Compound Report

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Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : KEARNY-TOPSOIL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091319.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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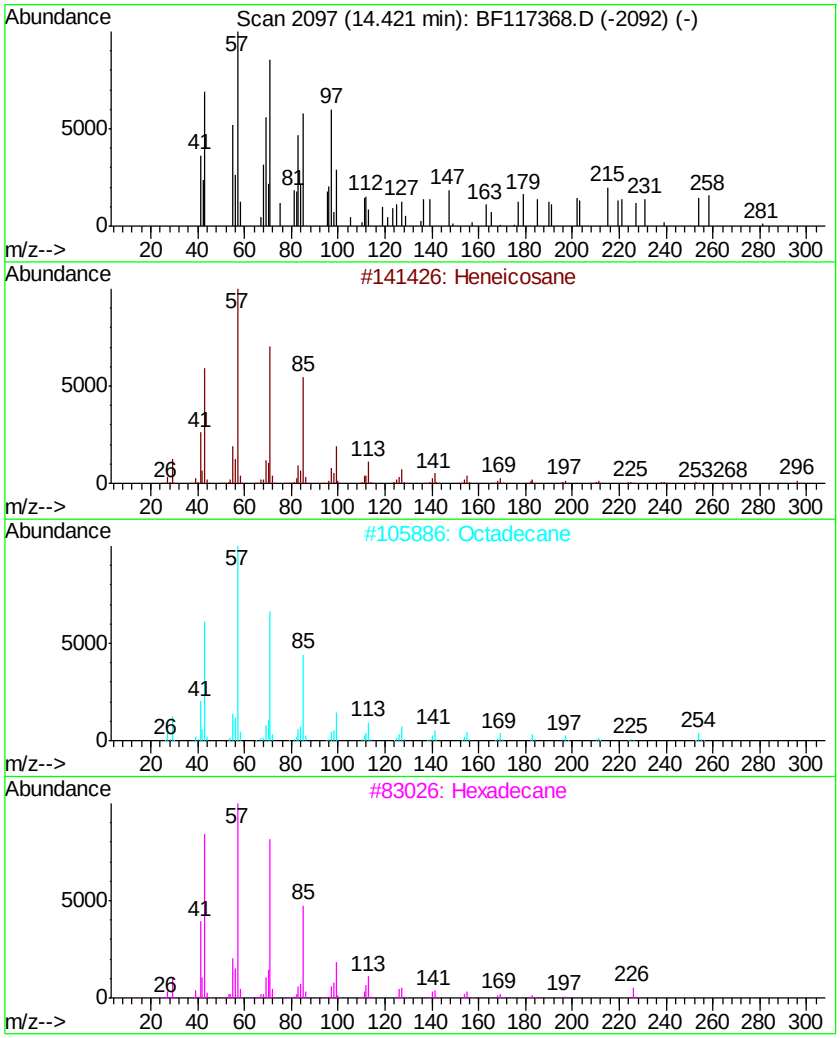
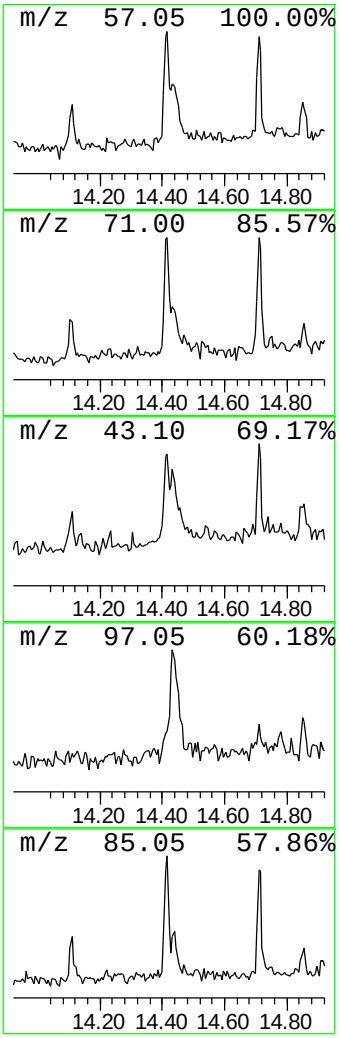
Peak Number 6 Heneicosane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.42	2.77 ng	40408	Chrysene-d12	13.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	53
2	Octadecane	254	C18H38	000593-45-3	53
3	Hexadecane	226	C16H34	000544-76-3	53
4	10-Methylnonadecane	282	C20H42	056862-62-5	53
5	Heptadecane	240	C17H36	000629-78-7	53





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Data File : BF117368.D
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Sample : K5293-01
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ClientSampleId : KEARNY-TOPSOIL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091319.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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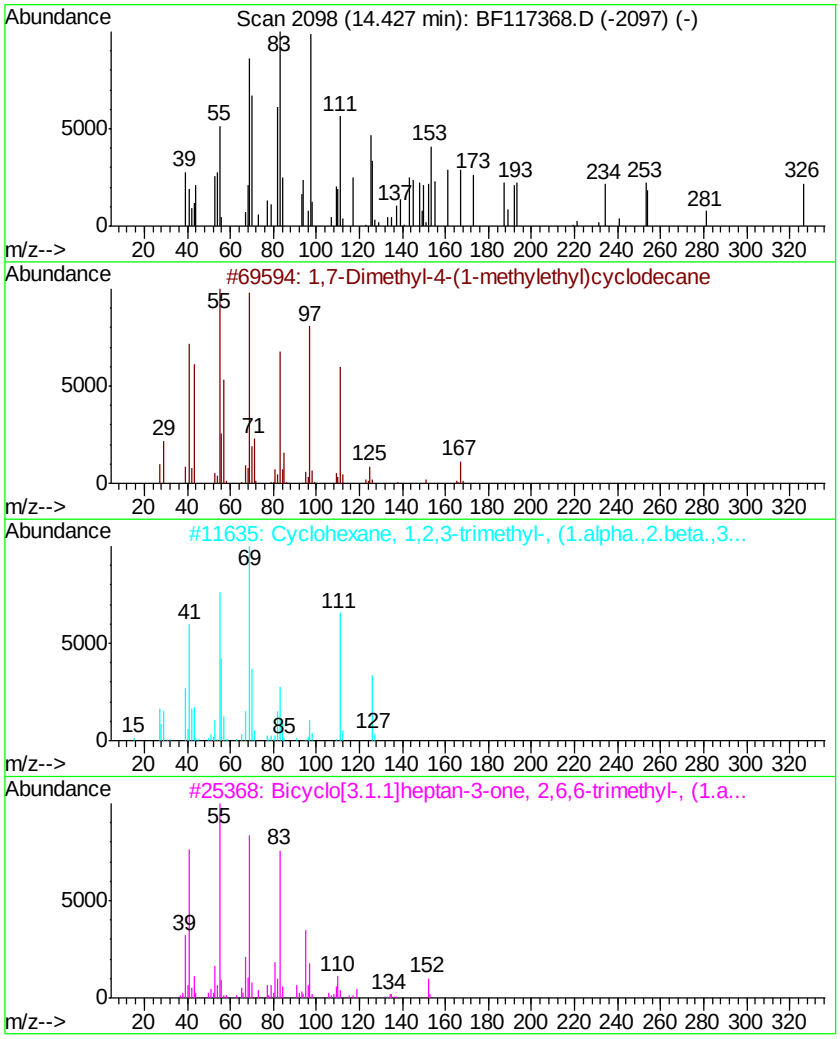
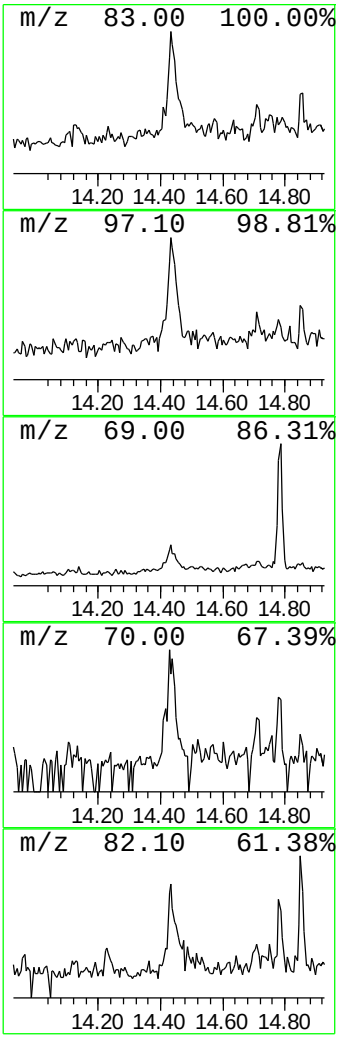
Peak Number 7 unknown14.43 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.43	4.89 ng	71254	Chrysene-d12	13.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,7-Dimethyl-4-(1-methylethyl)cy...	210	C15H30	000645-10-3	47
2	Cyclohexane, 1,2,3-trimethyl-, (...	126	C9H18	001678-81-5	42
3	Bicyclo[3.1.1]heptan-3-one, 2,6,...	152	C10H16O	015358-88-0	38
4	Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	30
5	2,3-Dimethyl-3-heptene, (Z)-	126	C9H18	059643-73-1	30





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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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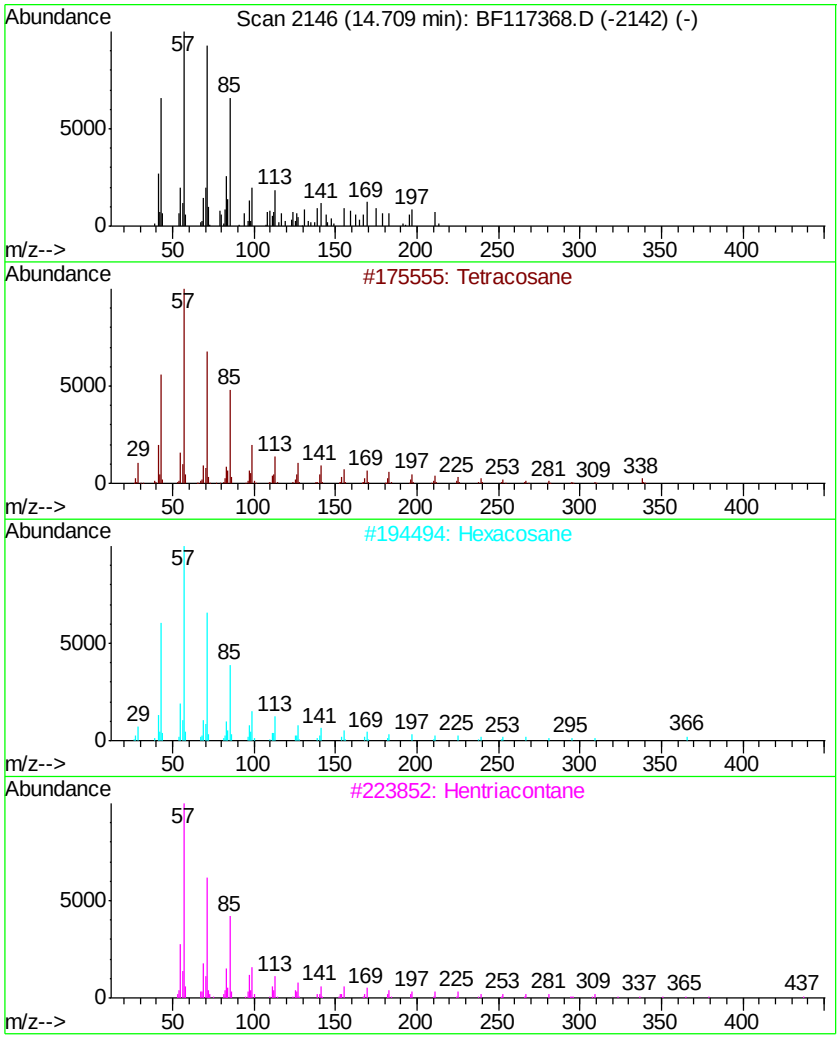
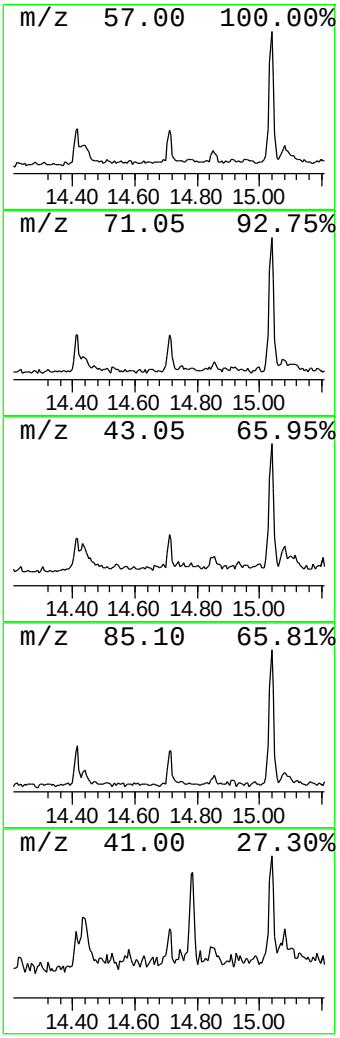
Peak Number 8 Tetracosane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.71	2.64 ng	44340	Perylene-d12	15.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	83
2	Hexacosane	366	C26H54	000630-01-3	80
3	Hentriacontane	437	C31H64	000630-04-6	64
4	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	64
5	5,5-Diethyltridecane	240	C17H36	1000360-41-3	50





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Data File : BF117368.D
Acq On : 10 Oct 2019 18:55
Operator : JU
Sample : K5293-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : KEARNY-TOPSOIL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091319.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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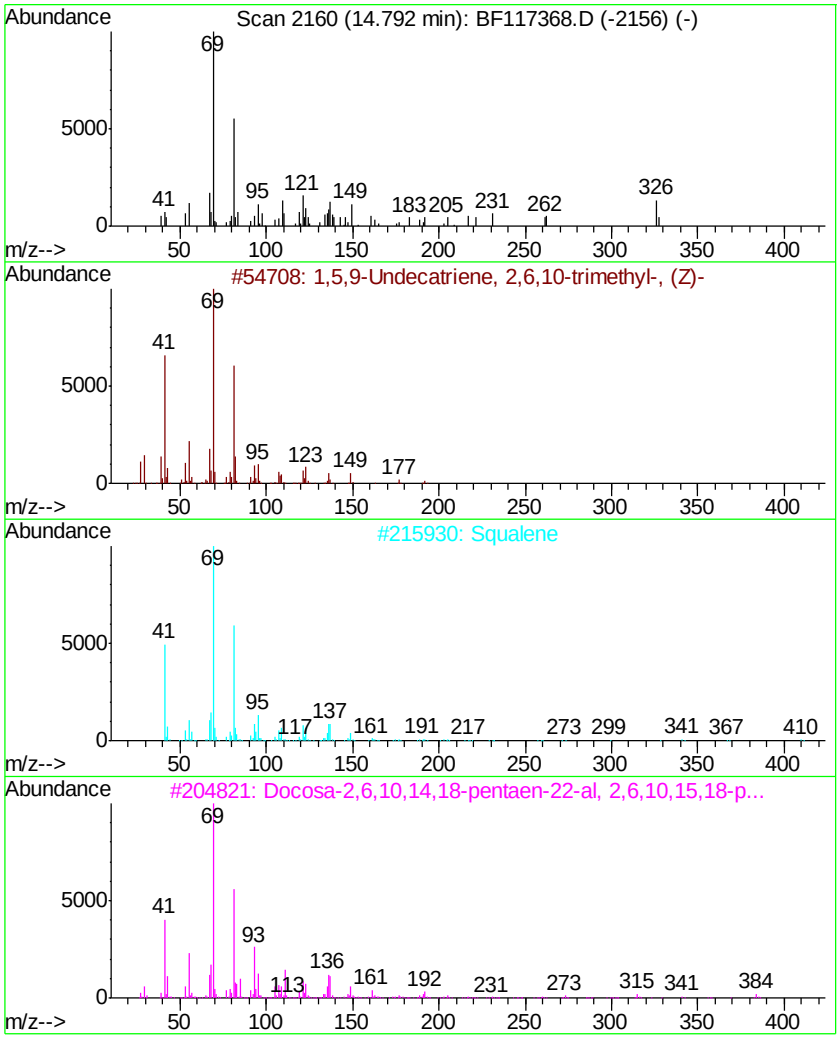
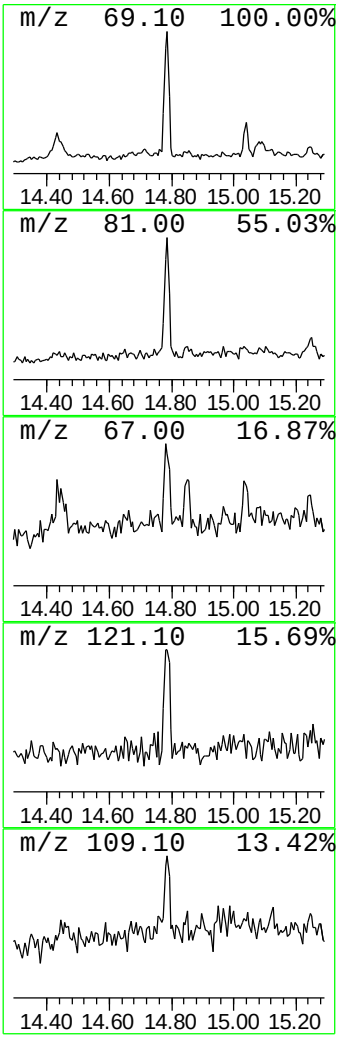
Peak Number 9 1,5,9-Undecatriene, 2,6,10-... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.79	3.78 ng	63512	Perylene-d12	15.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,5,9-Undecatriene, 2,6,10-trime...	192	C14H24	062951-96-6	81
2	Squalene	410	C30H50	000111-02-4	80
3	Docosa-2,6,10,14,18-pentaen-22-a...	384	C27H44O	1000163-04-7	72
4	Supraene	410	C30H50	007683-64-9	64
5	7,11-Dimethyldodeca-2,6,10-trien...	208	C14H24O	125529-10-4	64





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Data File : BF117368.D
Acq On : 10 Oct 2019 18:55
Operator : JU
Sample : K5293-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : KEARNY-TOPSOIL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

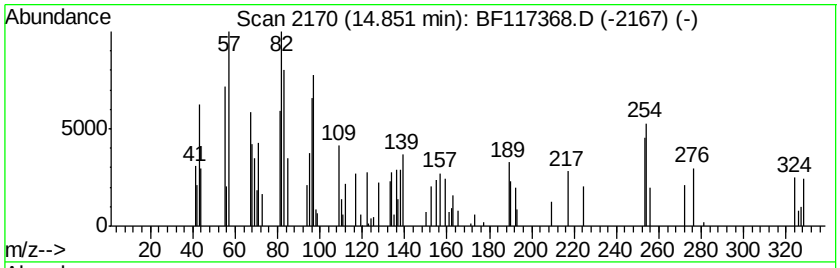
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

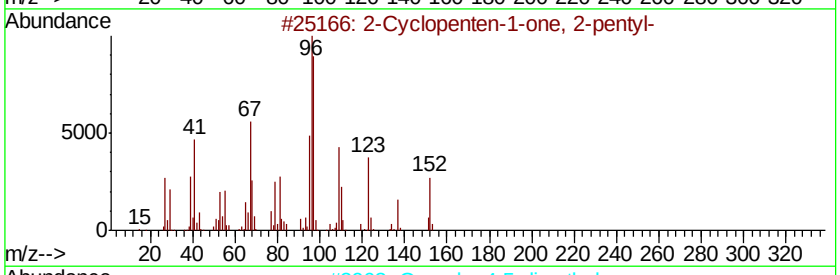
****

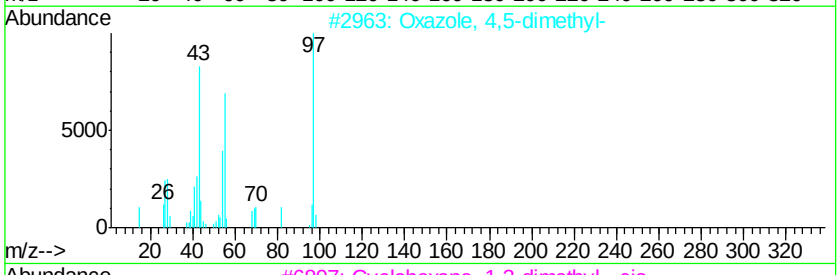
Peak Number 10 unknown14.85 Concentration Rank 18

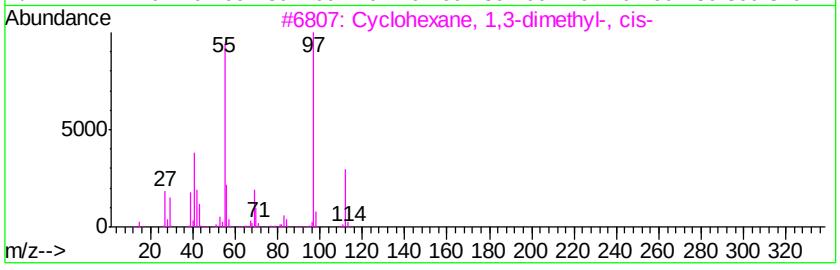
R.T.	EstConc	Area	Relative to ISTD	R.T.
14.85	2.07 ng	34750	Perylene-d12	15.42

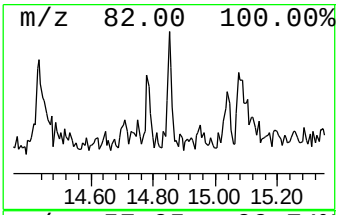
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Cyclopenten-1-one, 2-pentyl-	152	C10H16O	025564-22-1	18
2	Oxazole, 4,5-dimethyl-	97	C5H7NO	020662-83-3	11
3	Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	11
4	Cyclohexane, isocyanato-	125	C7H11NO	003173-53-3	11
5	Cyclohexane, 1,4-dimethyl-, cis-	112	C8H16	000624-29-3	11

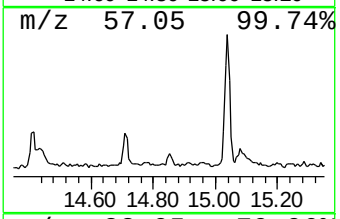


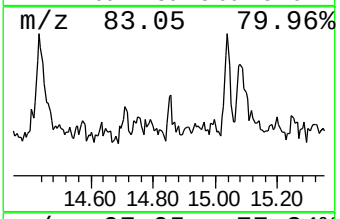


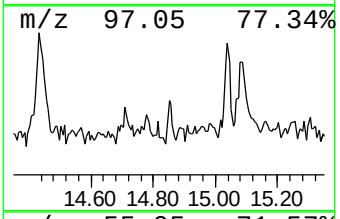


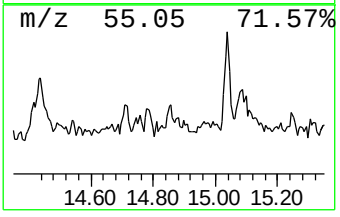












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Data File : BF117368.D
Acq On : 10 Oct 2019 18:55
Operator : JU
Sample : K5293-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : KEARNY-TOPSOIL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

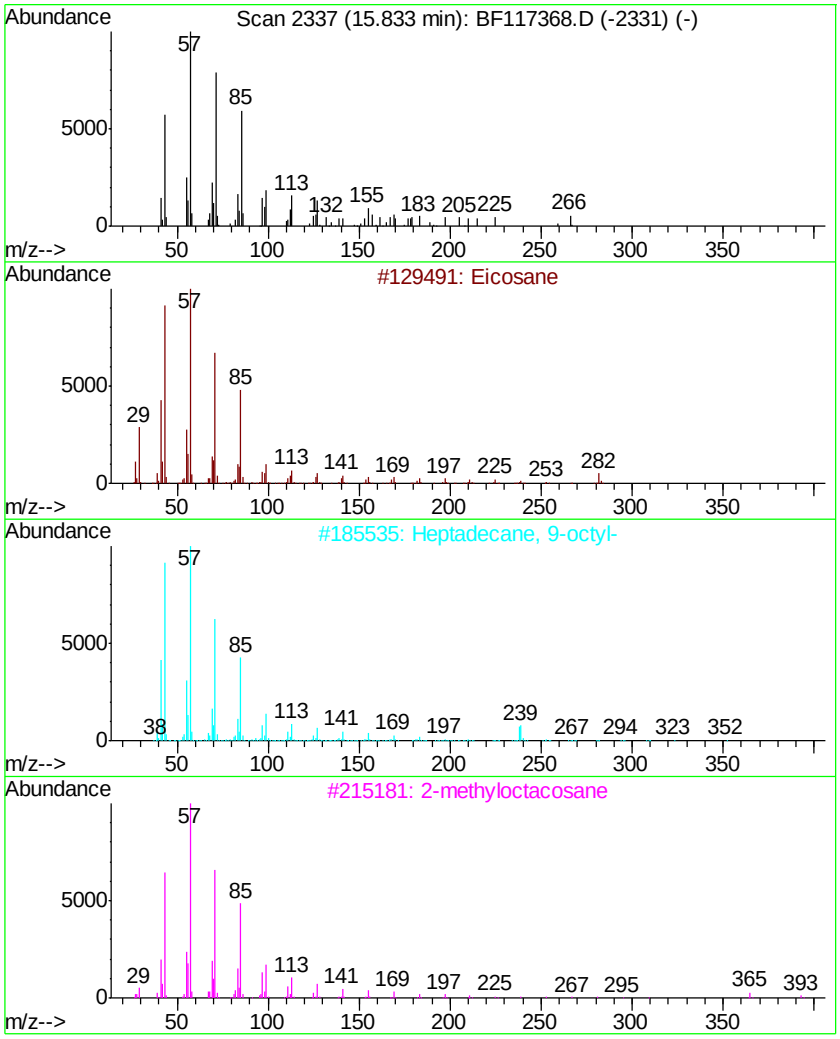
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

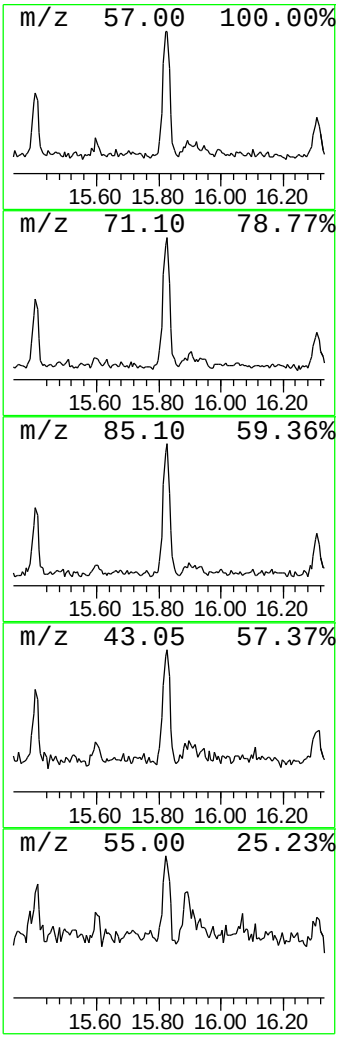
****

Peak Number 11 Eicosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.83	6.61 ng	110951	Perylene-d12	15.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	90
2	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	90
3	2-methyloctacosane	408	C29H60	1000376-72-8	87
4	Hentriacontane	437	C31H64	000630-04-6	86
5	Tetratetracontane	619	C44H90	007098-22-8	83





Library Search Compound Report

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Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : KEARNY-TOPSOIL

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

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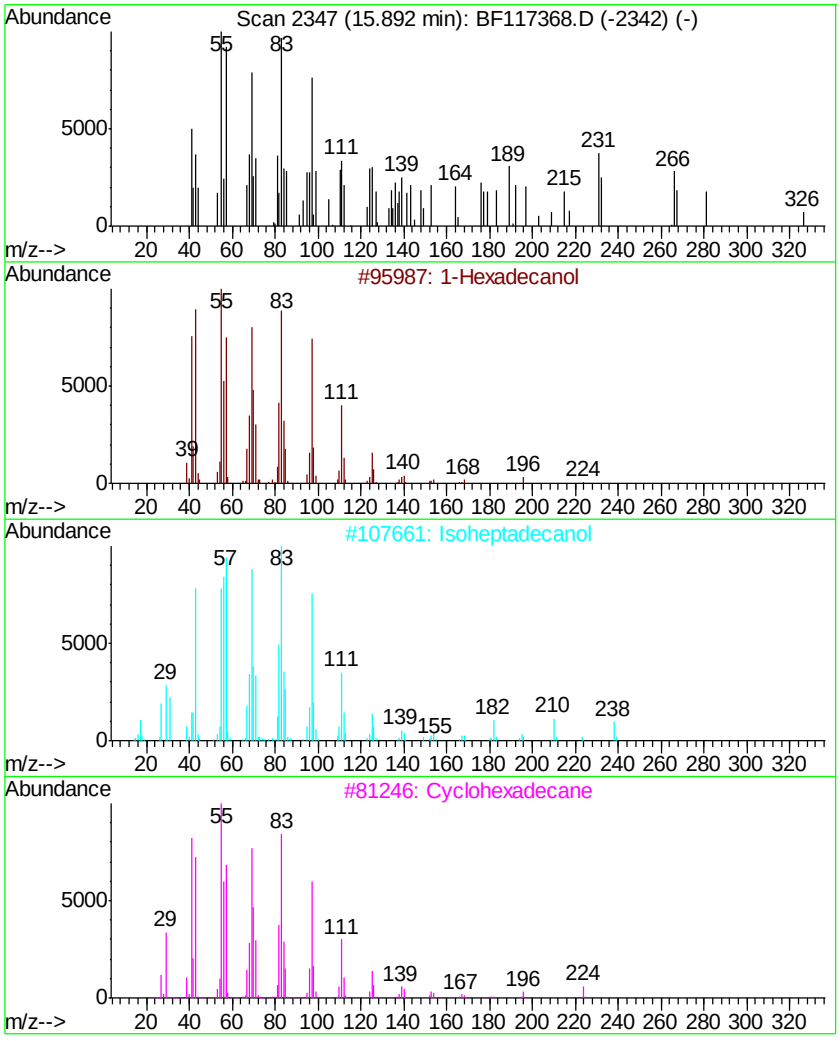
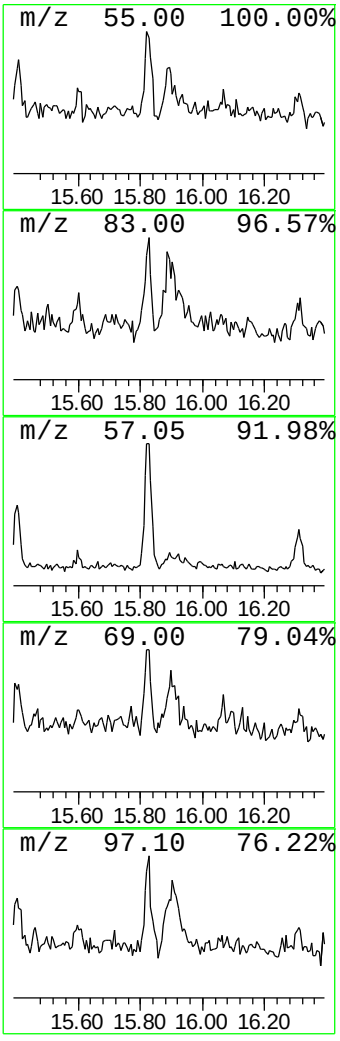
Peak Number 12 1-Hexadecanol Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.89	3.92 ng	65859	Perylene-d12	15.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexadecanol	242	C16H34O	036653-82-4	52
2	Isoheptadecanol	256	C17H36O	057289-07-3	52
3	Cyclohexadecane	224	C16H32	000295-65-8	50
4	Z-5-Nonadecene	266	C19H38	1000131-11-8	49
5	2-Propionyl-1-pyrroline	125	C7H11NO	1000298-55-4	27





Library Search Compound Report

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Data File : BF117368.D
Acq On : 10 Oct 2019 18:55
Operator : JU
Sample : K5293-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : KEARNY-TOPSOIL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091319.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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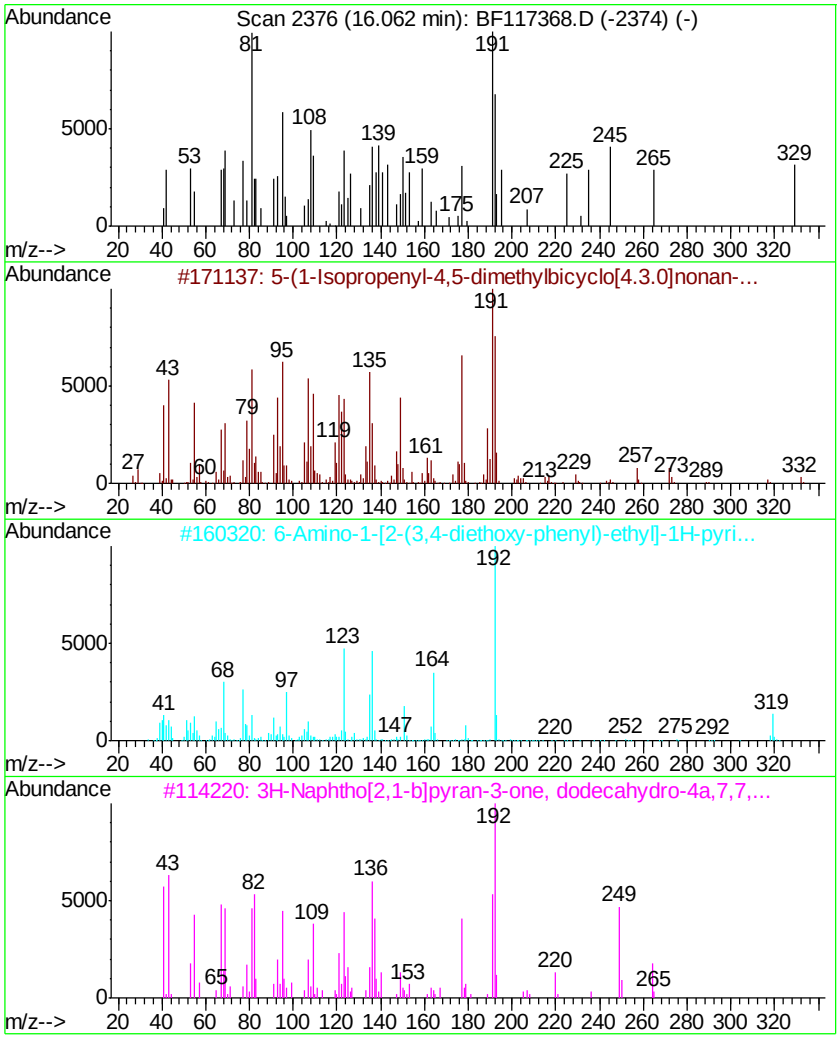
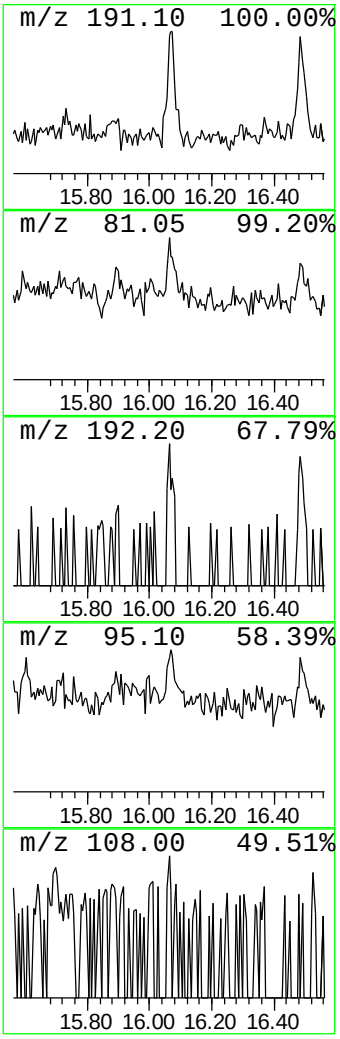
Peak Number 13 unknown16.06 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.06	3.02 ng	50732	Perylene-d12	15.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-(1-Isopropenyl-4,5-dimethylbic...	332	C22H36O2	1000195-69-8	17
2	6-Amino-1-[2-(3,4-diethoxy-phenyl...	319	C16H21N3O4	1000295-29-2	14
3	3H-Naphtho[2,1-b]pyran-3-one, do...	264	C17H28O2	000468-84-8	12
4	.beta.-iso-Methyl ionone	206	C14H22O	1000285-40-2	12
5	2-(4a,8-Dimethyl-6-oxo-1,2,3,4,4...	234	C15H22O2	1000190-21-8	12





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Operator : JU
Sample : K5293-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : KEARNY-TOPSOIL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091319.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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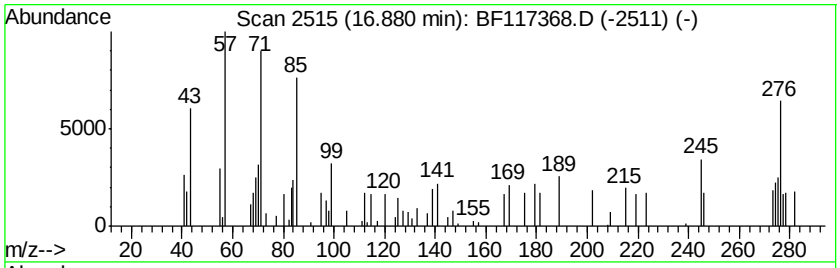
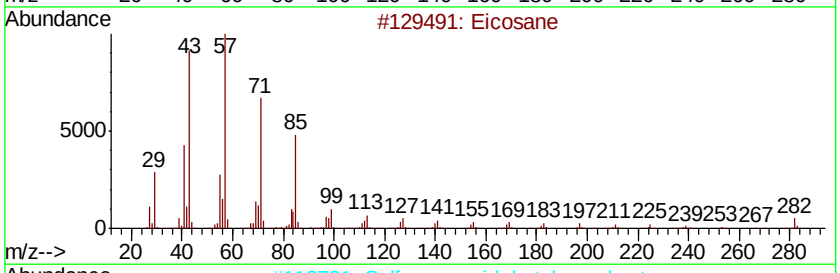
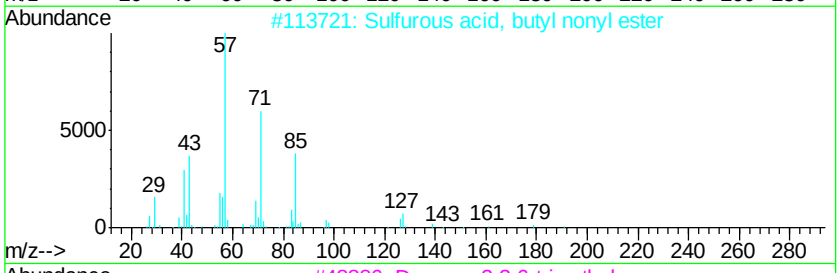
Peak Number 14 unknown16.88 Concentration Rank 11

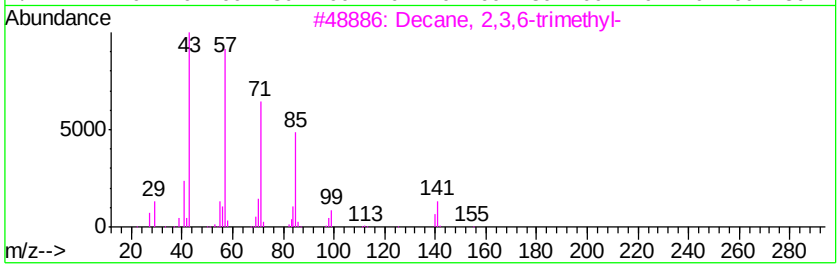
R.T.	EstConc	Area	Relative to ISTD	R.T.
16.88	4.09 ng	68693	Perylene-d12	15.42

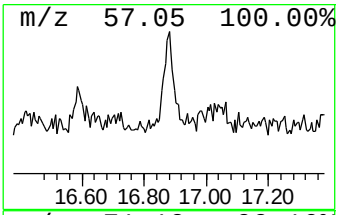
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	46
2	Sulfurous acid, butyl nonyl ester	264	C13H28O3S	1000309-17-6	38
3	Decane, 2,3,6-trimethyl-	184	C13H28	062238-12-4	38
4	Hexadecane	226	C16H34	000544-76-3	38
5	Heneicosane	296	C21H44	000629-94-7	38

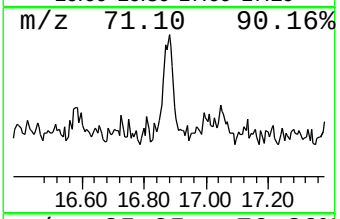


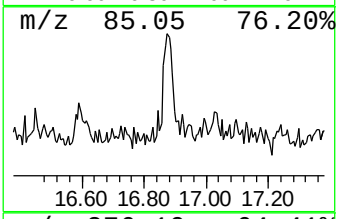


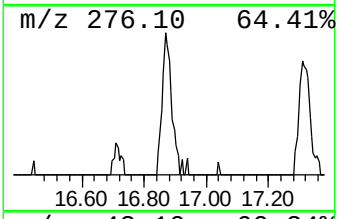


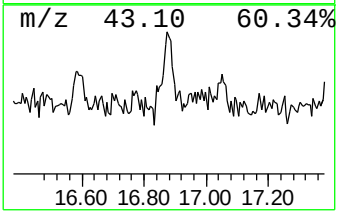












Library Search Compound Report

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Data File : BF117368.D
Acq On : 10 Oct 2019 18:55
Operator : JU
Sample : K5293-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : KEARNY-TOPSOIL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091319.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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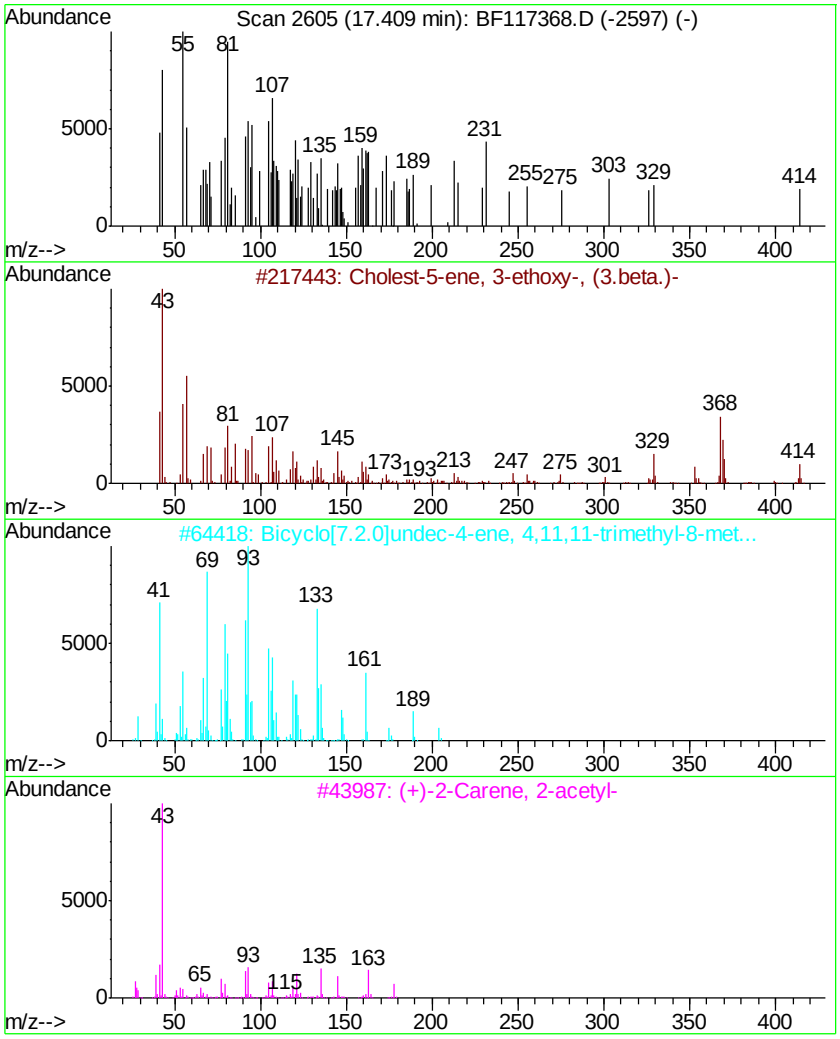
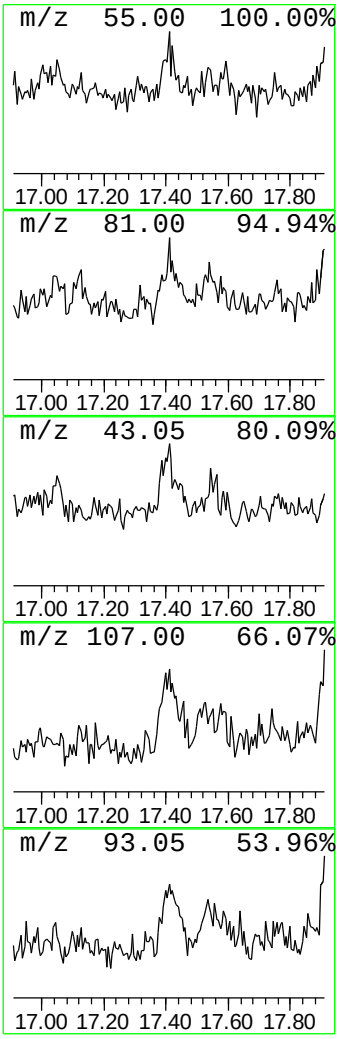
Peak Number 15 unknown17.41 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.41	8.55 ng	143592	Perylene-d12	15.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cholest-5-ene, 3-ethoxy-, (3.bet...	414	C29H50O	000986-19-6	12
2	Bicyclo[7.2.0]undec-4-ene, 4,11,...	204	C15H24	013877-93-5	12
3	(+)-2-Carene, 2-acetyl-	178	C12H18O	1000151-09-7	11
4	4,5-di-epi-aristolochene	204	C15H24	1000374-17-1	10
5	1H-Cyclopenta[a]phenanthrene-16-...	398	C24H34N2O3	1000337-25-3	10





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Instrument : BNA_F
ClientSampleId : KEARNY-TOPSOIL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091319.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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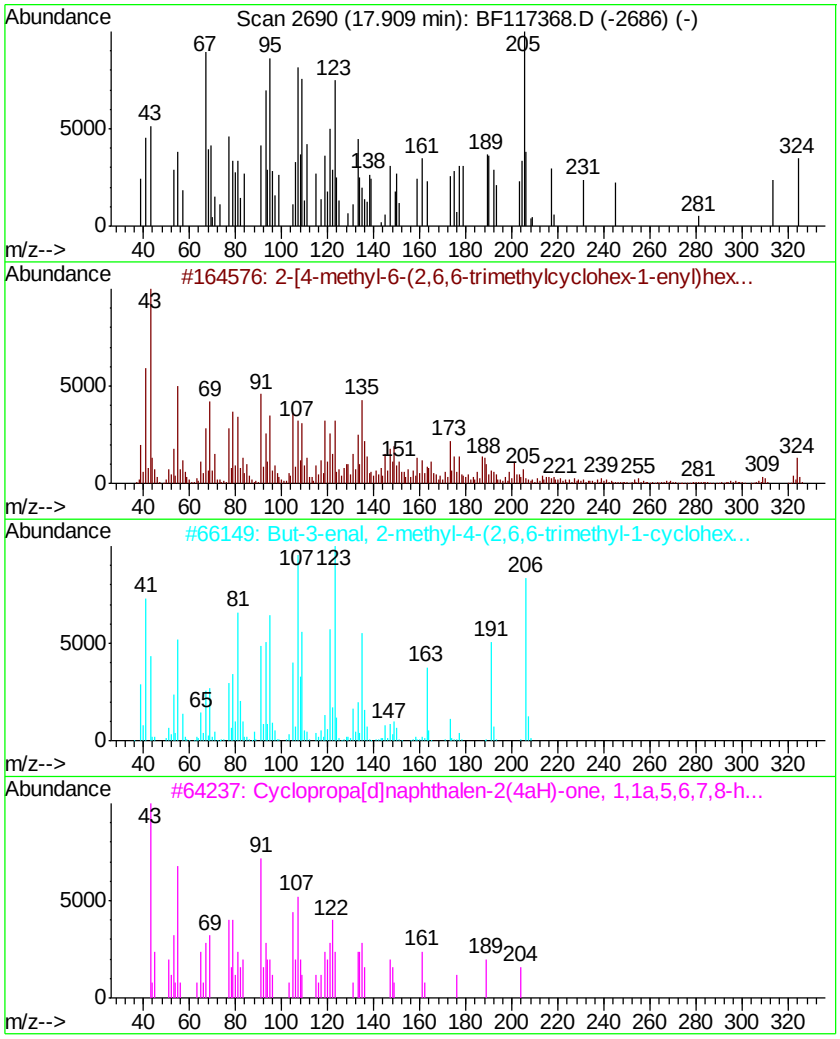
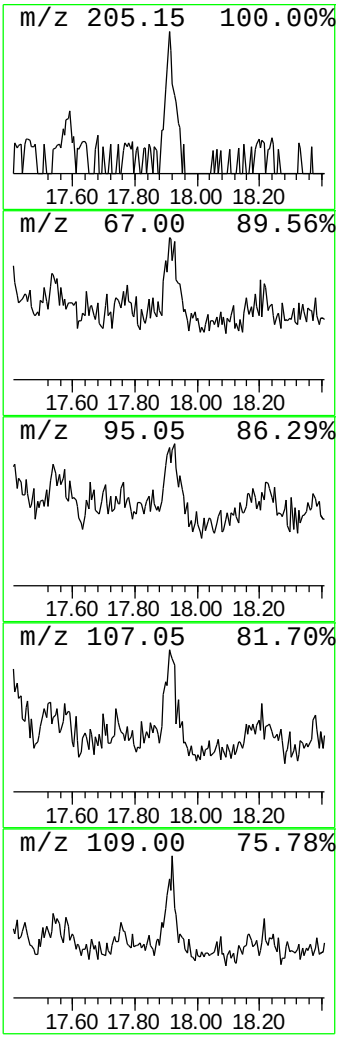
Peak Number 16 2-[4-methyl-6-(2,6,6-trimet... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.91	9.38 ng	157445	Perylene-d12	15.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-[4-methyl-6-(2,6,6-trimethylcy...	324	C23H32O	1000216-09-2	58
2	But-3-enal, 2-methyl-4-(2,6,6-tr...	206	C14H22O	104900-59-6	46
3	Cyclopropa[d]naphthalen-2(4aH)-o...	204	C14H20O	004677-90-1	45
4	.beta.-Humulene	204	C15H24	000116-04-1	35
5	1H-Cycloprop[e]azulen-4-ol, deca...	222	C15H26O	000552-02-3	30





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Instrument : BNA_F
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

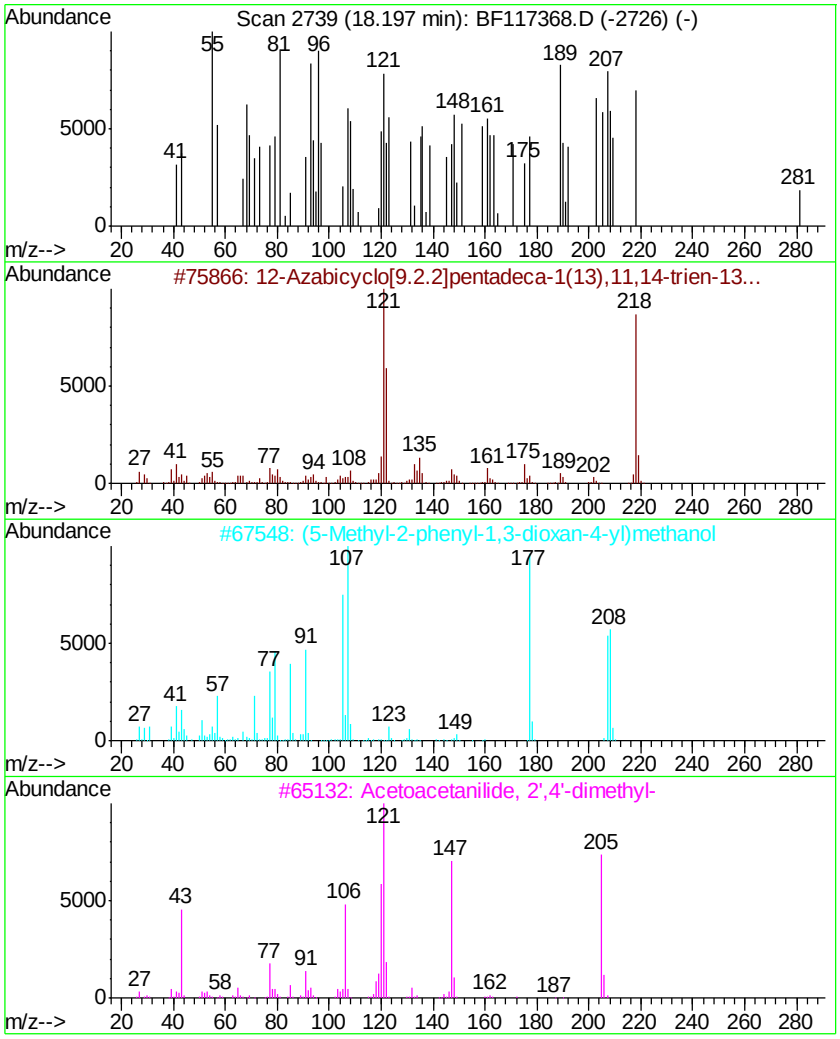
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

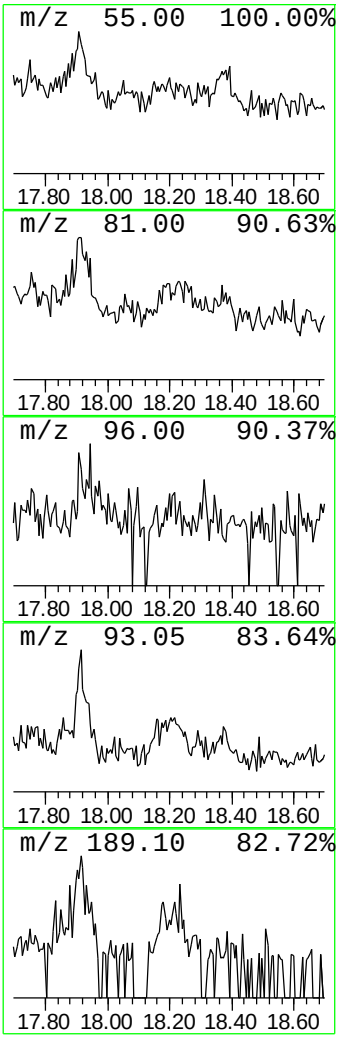
****

Peak Number 17 unknown18.20 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.20	3.48 ng	58427	Perylene-d12	15.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	12-Azabicyclo[9.2.2]pentadeca-1(...	218	C14H22N2	1000185-25-0	15
2	(5-Methyl-2-phenyl-1,3-dioxan-4-...	208	C12H16O3	088481-60-1	11
3	Acetoacetanilide, 2',4'-dimethyl-	205	C12H15NO2	000097-36-9	11
4	2-Amino-4-cyanomethyl-6-piperidi...	218	C10H14N6	1000241-05-9	11
5	2-Propen-1-one, 1,3-diphenyl-, (E)-	208	C15H12O	000614-47-1	11





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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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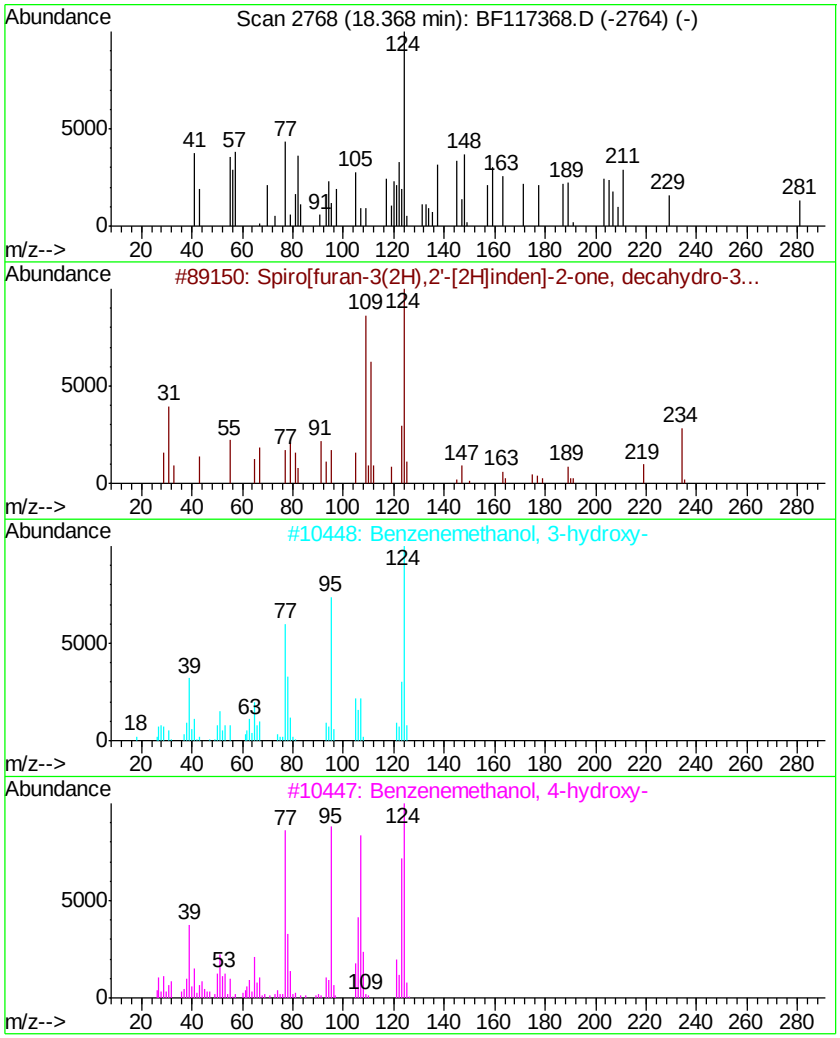
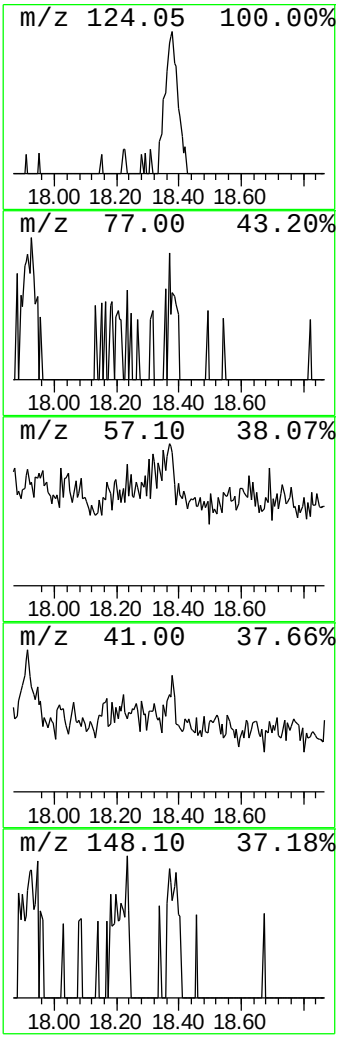
Peak Number 18 unknown18.37 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.37	4.16 ng	69803	Perylene-d12	15.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Spiro[furan-3(2H),2'-[2H]inden]-...	234	C15H22O2	019906-72-0	10
2	Benzenemethanol, 3-hydroxy-	124	C7H8O2	000620-24-6	10
3	Benzenemethanol, 4-hydroxy-	124	C7H8O2	000623-05-2	10
4	Pyrazine, 2-methoxy-3-methyl-	124	C6H8N2O	002847-30-5	10
5	4,6-Dimethyl-2-pyrimidone	124	C6H8N2O	000108-79-2	10





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF101019\
Data File : BF117368.D
Acq On : 10 Oct 2019 18:55
Operator : JU
Sample : K5293-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : KEARNY-TOPSOIL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091319.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
2-Pentanone, 4-hy...	5.00	5.3	ng	75665	1	6.79	287667	20.0
unknown6.57	6.57	85.8	ng	1234400	1	6.79	287667	20.0
n-Hexadecanoic acid	11.84	6.9	ng	149896	4	11.32	434045	20.0
n-Nonadecanol-1	13.79	9.1	ng	132072	5	13.96	291461	20.0
Heneicosane	14.42	2.8	ng	40408	5	13.96	291461	20.0
unknown14.43	14.43	4.9	ng	71254	5	13.96	291461	20.0
Tetracosane	14.71	2.6	ng	44340	6	15.42	335820	20.0
1,5,9-Undecatrien...	14.79	3.8	ng	63512	6	15.42	335820	20.0
unknown14.85	14.85	2.1	ng	34750	6	15.42	335820	20.0
Eicosane	15.83	6.6	ng	110951	6	15.42	335820	20.0
1-Hexadecanol	15.89	3.9	ng	65859	6	15.42	335820	20.0
unknown16.06	16.06	3.0	ng	50732	6	15.42	335820	20.0
unknown16.88	16.88	4.1	ng	68693	6	15.42	335820	20.0
unknown17.41	17.41	8.6	ng	143592	6	15.42	335820	20.0
2-[4-methyl-6-(2,...	17.91	9.4	ng	157445	6	15.42	335820	20.0
unknown18.20	18.20	3.5	ng	58427	6	15.42	335820	20.0
unknown18.37	18.37	4.2	ng	69803	6	15.42	335820	20.0