LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082519\
Data File : BF116532.D
Acq On : 25 Aug 2019 15:20
Operator : HP/JU
Sample : K4474-09
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : T1-2-F1-F4

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-BF082319.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	2.246	19	27	33	rVB	2129987	2812775	82.32%	8.698%
2	5.510	575	582	585	rBV	2731038	2740751	80.21%	8.475%
3	6.510	746	752	755	rBV	2611189	2980675	87.23%	9.217%
4	6.657	771	777	780	rBV	3039393	2980398	87.22%	9.216%
5	6.881	812	815	818	rBV	966123	852472	24.95%	2.636%
6	6.945	823	826	831	rBV3	49906	51403	1.50%	0.159%
7	7.039	838	842	846	rBV	2495231	2389467	69.93%	7.389%
8	7.439	902	910	913	rBV	1817365	1884451	55.15%	5.827%
9	8.163	1028	1033	1036	rBV	1247253	1179117	34.51%	3.646%
10	8.186	1036	1037	1041	rVB	185498	95506	2.79%	0.295%
11	8.592	1101	1106	1110	rBV	40623	43234	1.27%	0.134%
12	8.757	1129	1134	1139	rBV2	65684	65864	1.93%	0.204%
13	8.874	1147	1154	1157	rVB	153450	134543	3.94%	0.416%
14	8.975	1167	1171	1174	rVB	84012	73543	2.15%	0.227%
15	9.239	1210	1216	1219	rBV	4036283	3417075	100.00%	10.567%
16	9.322	1225	1230	1237	rVB3	80600	111382	3.26%	0.344%
17	9.498	1253	1260	1264	rBV2	54225	79681	2.33%	0.246%
18	9.574	1270	1273	1275	rBV	62915	51699	1.51%	0.160%
19	9.598	1275	1277	1279	rBV	49460	38921	1.14%	0.120%
20	9.622	1279	1281	1284	rBV	272126	226646	6.63%	0.701%
21	9.774	1302	1307	1309	rBV	42931	38631	1.13%	0.119%
22	9.851	1318	1320	1324	rVB	61451	42992	1.26%	0.133%
23	9.916	1324	1331	1334	rBV	1409628	1197721	35.05%	3.704%
24	10.116	1362	1365	1369	rVB	87979	74763	2.19%	0.231%
25	10.321	1396	1400	1402	rBV2	38959	42235	1.24%	0.131%
26	10.351	1402	1405	1408	rVB2	52748	46375	1.36%	0.143%
27	10.574	1440	1443	1445	rVB	48856	41190	1.21%	0.127%
28	10.698	1460	1464	1467	rBV	1578622	1338237	39.16%	4.138%
29	10.821	1483	1485	1490	rBV3	70563	102583	3.00%	0.317%
30	11.198	1547	1549	1553	rBV	46754	40865	1.20%	0.126%
31	11.292	1563	1565	1570	rVB2	39822	49974	1.46%	0.155%
32	11.398	1579	1583	1585	rBV	1134275	971114	28.42%	3.003%
33	11.421	1585	1587	1590	rVB	306053	229801	6.73%	0.711%
34	11.468	1593	1595	1597	rVB	60752	45285	1.33%	0.140%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082519\
Data File : BF116532.D
Acq On : 25 Aug 2019 15:20
Operator : HP/JU
Sample : K4474-09
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : T1-2-F1-F4

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-BF082319.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.898	1666	1668	1669	rBV	67244	51061	1.49%	0.158%
36	11.921	1669	1672	1677	rVB3	244766	259112	7.58%	0.801%
37	12.004	1684	1686	1689	rBV2	72528	78791	2.31%	0.244%
38	12.192	1716	1718	1720	rBV	62949	60783	1.78%	0.188%
39	12.257	1727	1729	1732	rBV	92444	80346	2.35%	0.248%
40	12.610	1786	1789	1792	rBV	351043	324672	9.50%	1.004%
41	12.833	1825	1827	1830	rVB	252731	201725	5.90%	0.624%
42	12.980	1848	1852	1858	rVB	2503475	2316860	67.80%	7.165%
43	13.474	1934	1936	1939	rVB	139158	125984	3.69%	0.390%
44	13.880	2002	2005	2014	rVB3	187650	251158	7.35%	0.777%
45	14.027	2026	2030	2033	rBV2	686177	832995	24.38%	2.576%
46	14.556	2118	2120	2125	rVB	139187	151827	4.44%	0.470%
47	15.068	2205	2207	2214	rVB	104503	179576	5.26%	0.555%
48	15.374	2256	2259	2264	rVB	97368	131021	3.83%	0.405%
49	15.433	2267	2269	2274	rVB	108413	113356	3.32%	0.351%
50	15.498	2276	2280	2284	rBV	452171	574426	16.81%	1.776%
51	15.786	2326	2329	2338	rVB2	88513	132606	3.88%	0.410%

Sum of corrected areas: 32337668

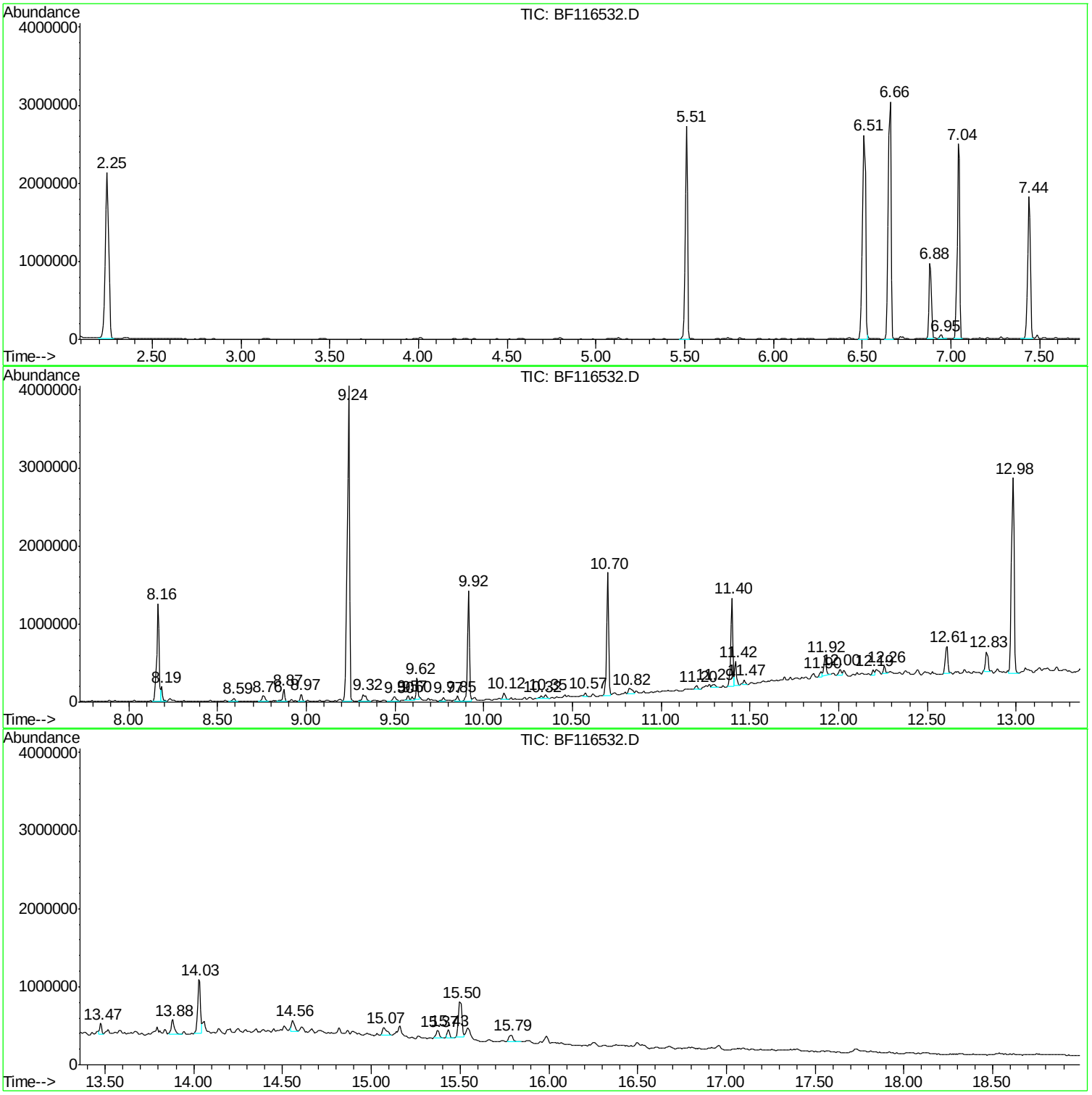
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082519\
Data File : BF116532.D
Acq On : 25 Aug 2019 15:20
Operator : HP/JU
Sample : K4474-09
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : T1-2-F1-F4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF082319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082519\
Data File : BF116532.D
Acq On : 25 Aug 2019 15:20
Operator : HP/JU
Sample : K4474-09
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : T1-2-F1-F4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF082319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

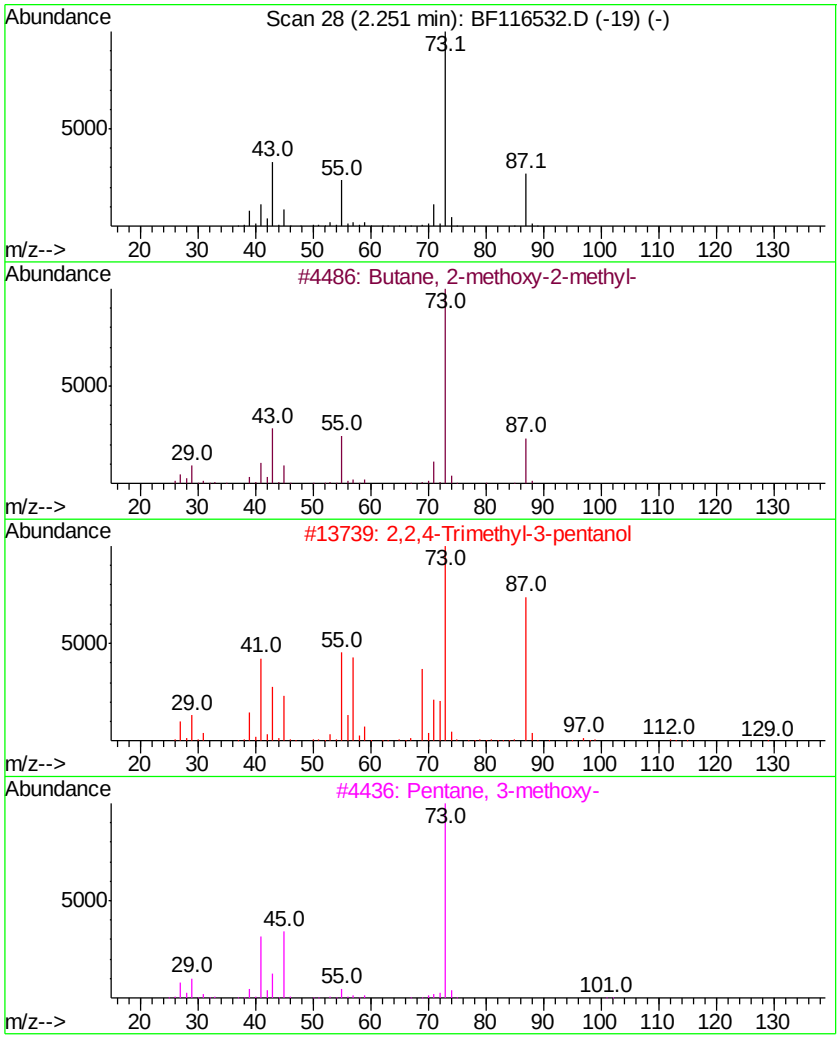
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

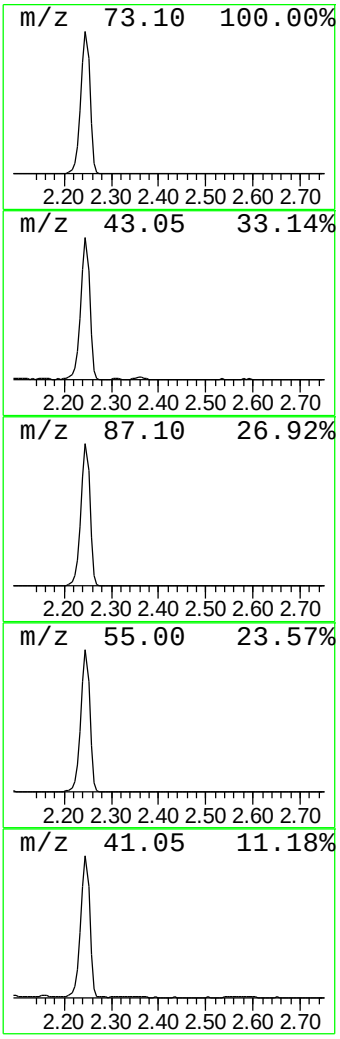
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.25	65.99 ng	2812780	1,4-Dichlorobenzene-d4	6.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
4	Silane, tetramethyl-	88	C4H12Si	000075-76-3	17
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082519\
Data File : BF116532.D
Acq On : 25 Aug 2019 15:20
Operator : HP/JU
Sample : K4474-09
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : T1-2-F1-F4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF082319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

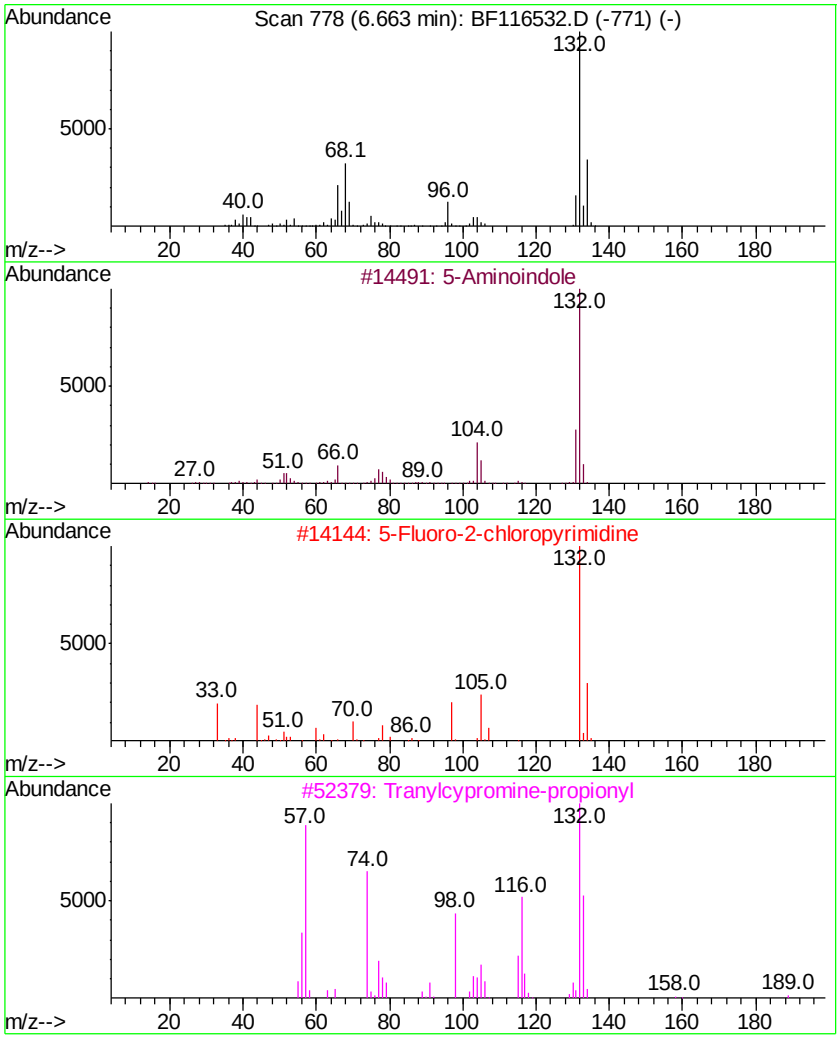
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

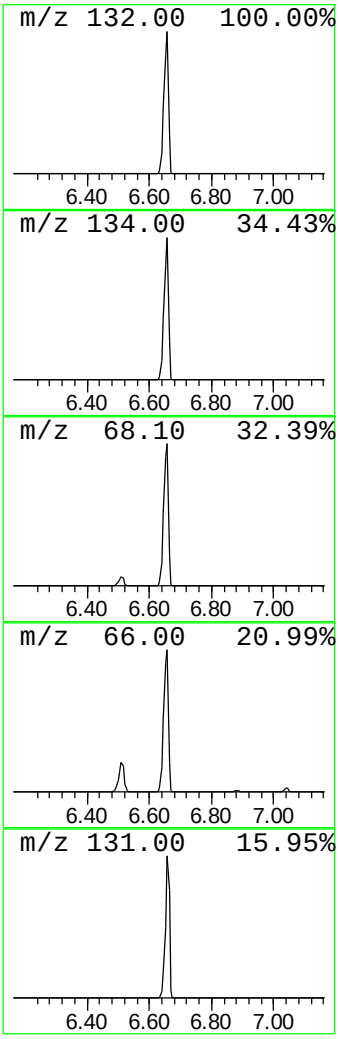
****

Peak Number 2 unknown6.66 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.66	69.92 ng	2980400	1,4-Dichlorobenzene-d4	6.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Aminoindole	132	C8H8N2	005192-03-0	22
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4	Xenon	132	Xe	007440-63-3	9
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082519\
Data File : BF116532.D
Acq On : 25 Aug 2019 15:20
Operator : HP/JU
Sample : K4474-09
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : T1-2-F1-F4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF082319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

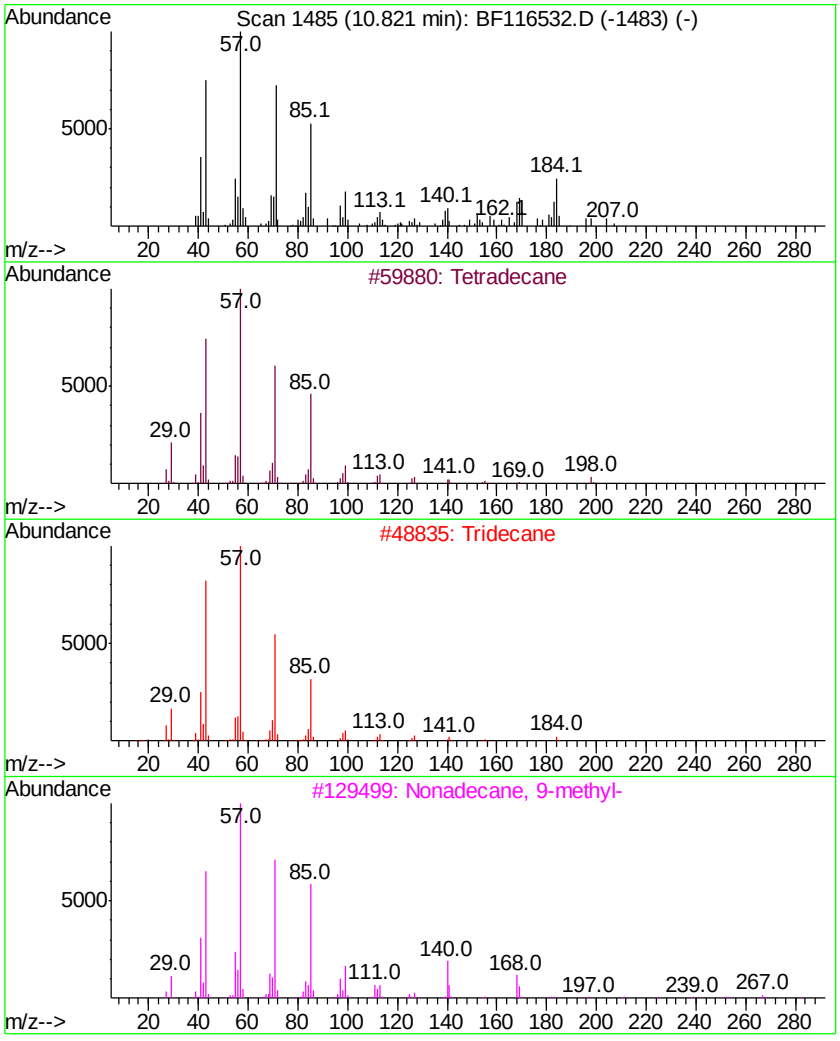
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

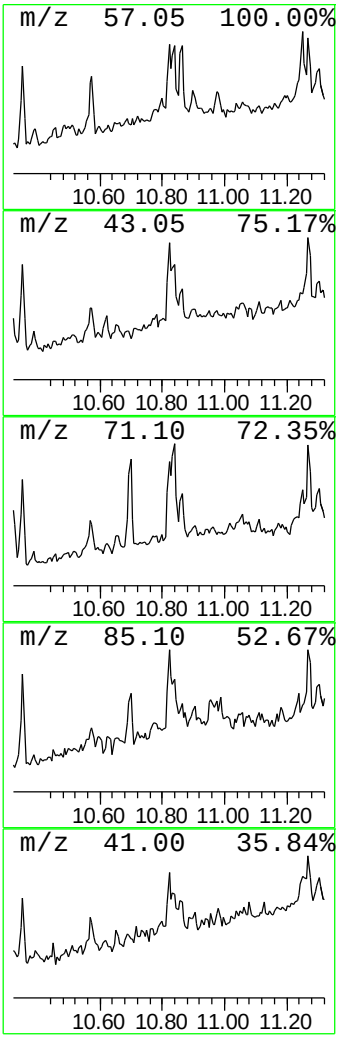
****

Peak Number 4 Tetradecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.82	2.11 ng	102583	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	70
2	Tridecane	184	C13H28	000629-50-5	58
3	Nonadecane, 9-methyl-	282	C20H42	013287-24-6	53
4	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	49
5	Dodecane	170	C12H26	000112-40-3	49





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082519\
Data File : BF116532.D
Acq On : 25 Aug 2019 15:20
Operator : HP/JU
Sample : K4474-09
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : T1-2-F1-F4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF082319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

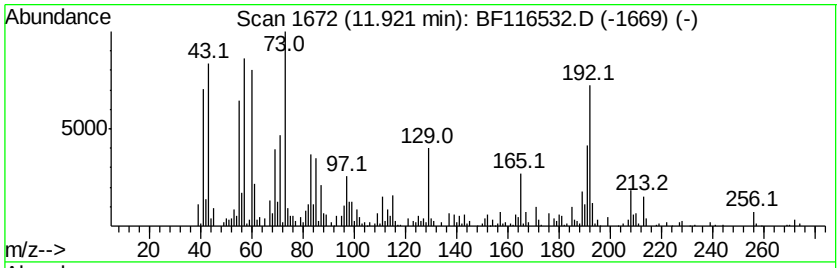
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

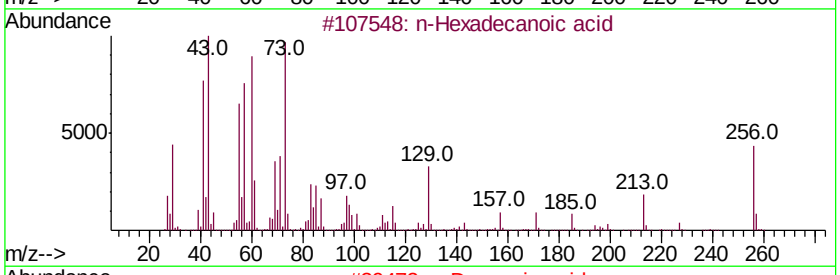
****

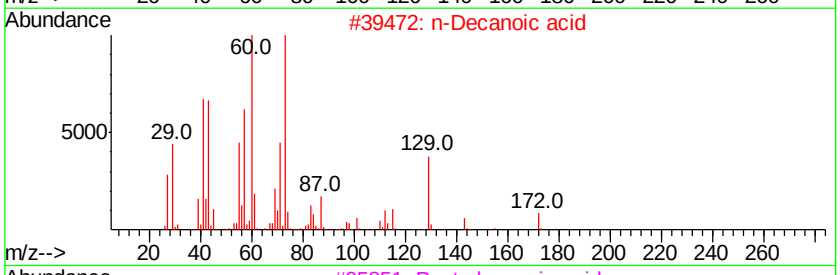
Peak Number 5 n-Hexadecanoic acid Concentration Rank 5

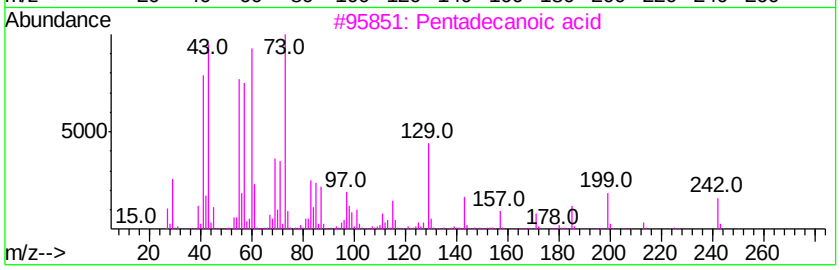
R.T.	EstConc	Area	Relative to ISTD	R.T.
11.92	5.34 ng	259112	Phenanthrene-d10	11.40

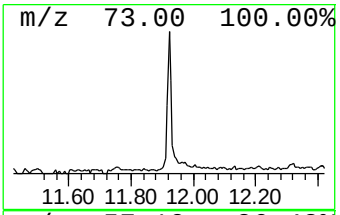
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91
2	n-Decanoic acid	172	C10H20O2	000334-48-5	50
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	49
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	43
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	35

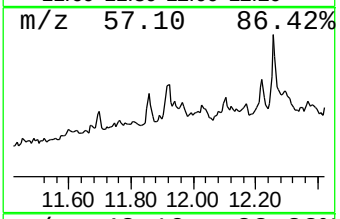


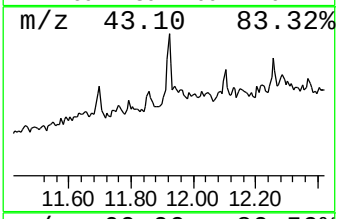


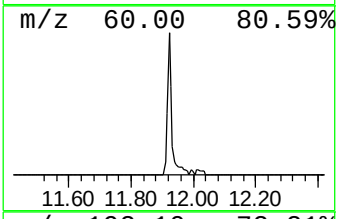


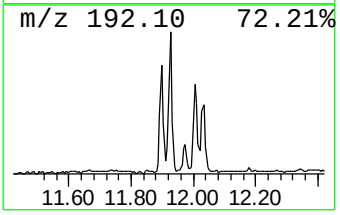












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Data File : BF116532.D
Acq On : 25 Aug 2019 15:20
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Sample : K4474-09
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : T1-2-F1-F4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF082319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

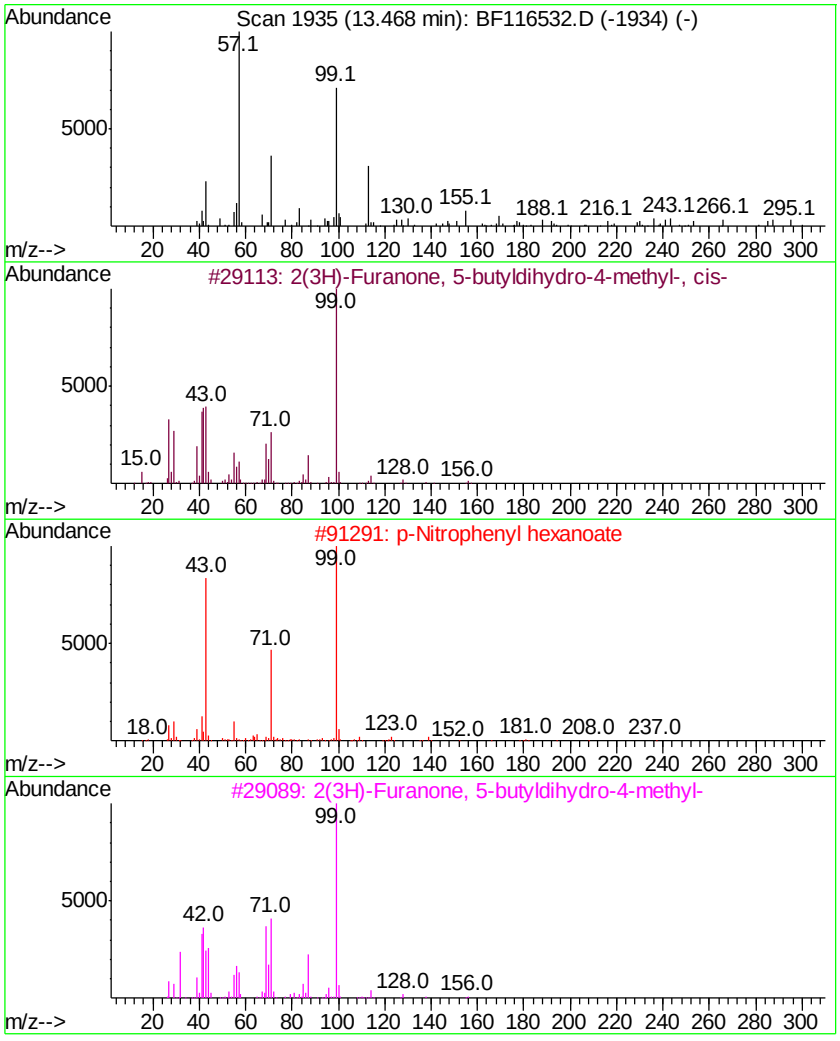
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

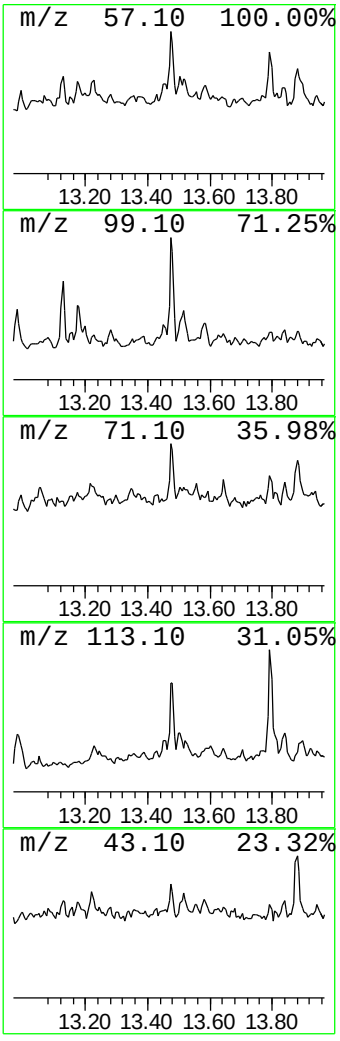
****

Peak Number 6 unknown13.47 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.47	3.02 ng	125984	Chrysene-d12	14.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2(3H)-Furanone, 5-butyldihydro-4...	156	C9H16O2	055013-32-6	43
2	p-Nitrophenyl hexanoate	237	C12H15NO4	000956-75-2	43
3	2(3H)-Furanone, 5-butyldihydro-4...	156	C9H16O2	039212-23-2	40
4	Hexanoic acid, 2-fluorophenyl ester	210	C12H15FO2	1000325-69-8	38
5	.delta.-Nonalactone	156	C9H16O2	003301-94-8	38





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082519\
Data File : BF116532.D
Acq On : 25 Aug 2019 15:20
Operator : HP/JU
Sample : K4474-09
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : T1-2-F1-F4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF082319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

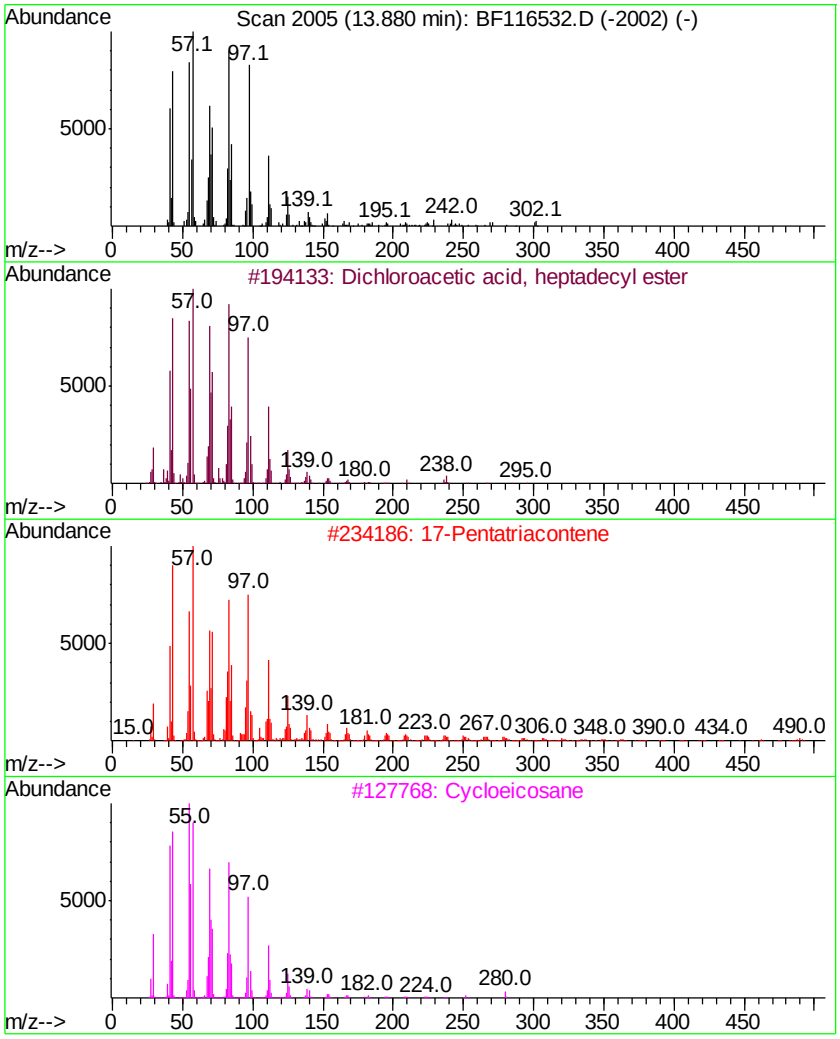
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

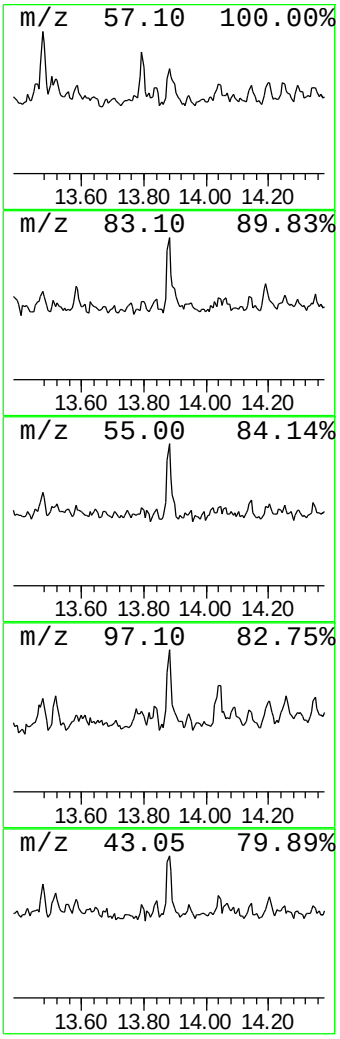
****

Peak Number 7 Dichloroacetic acid, heptad... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.88	6.03 ng	251158	Chrysene-d12	14.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	93
2	17-Pentatriacontene	491	C35H70	006971-40-0	91
3	Cycloeicosane	280	C20H40	000296-56-0	83
4	Heneicosyl heptafluorobutyrate	508	C25H43F7O2	1000351-83-8	81
5	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	81





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082519\
Data File : BF116532.D
Acq On : 25 Aug 2019 15:20
Operator : HP/JU
Sample : K4474-09
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : T1-2-F1-F4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF082319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

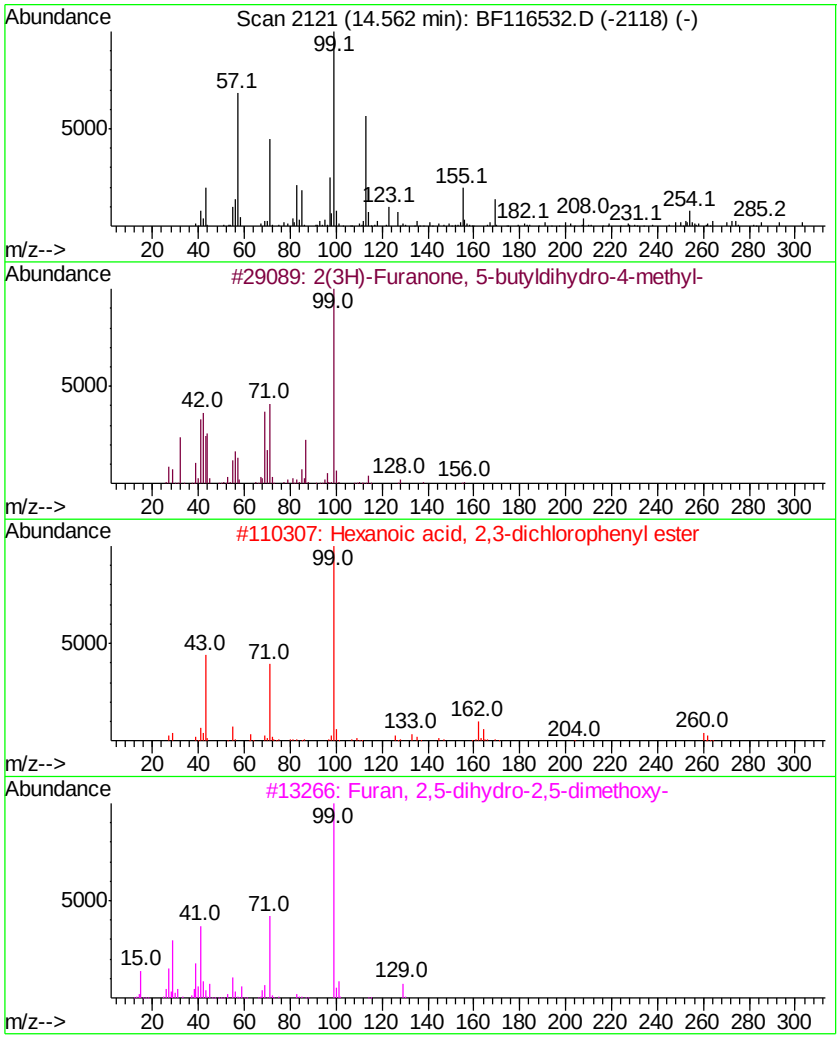
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

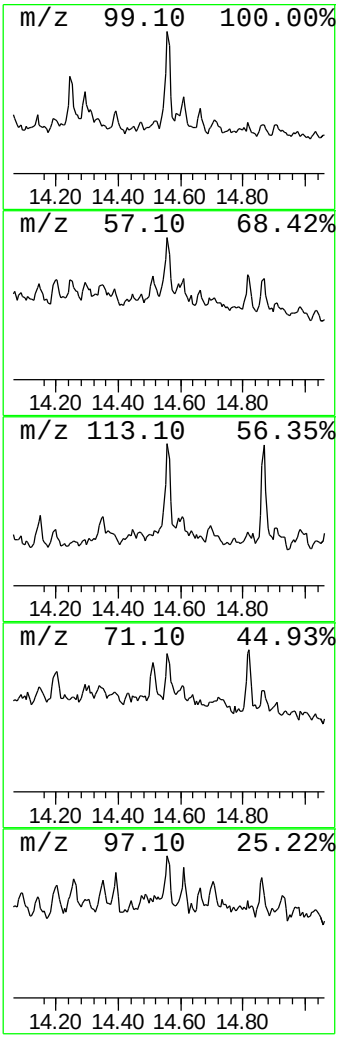
****

Peak Number 8 unknown14.56 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.56	3.65 ng	151827	Chrysene-d12	14.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2(3H)-Furanone, 5-butyldihydro-4...	156	C9H16O2	039212-23-2	47
2	Hexanoic acid, 2,3-dichlorophenyl...	260	C12H14Cl2O2	1000330-93-7	38
3	Furan, 2,5-dihydro-2,5-dimethoxy-	130	C6H10O3	000332-77-4	38
4	2(3H)-Furanone, 5-butyldihydro-4...	156	C9H16O2	055013-32-6	38
5	Pentanoic acid, 2-methyl-, anhyd...	214	C12H22O3	063169-61-9	38





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082519\
Data File : BF116532.D
Acq On : 25 Aug 2019 15:20
Operator : HP/JU
Sample : K4474-09
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : T1-2-F1-F4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF082319.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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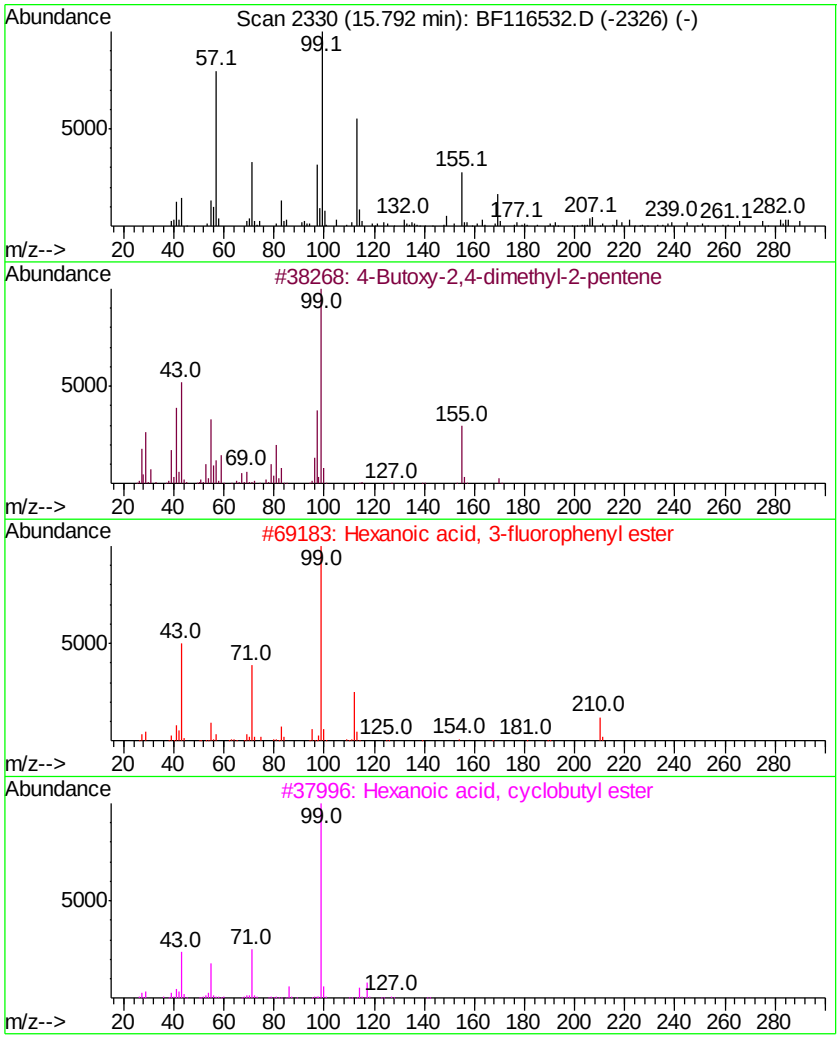
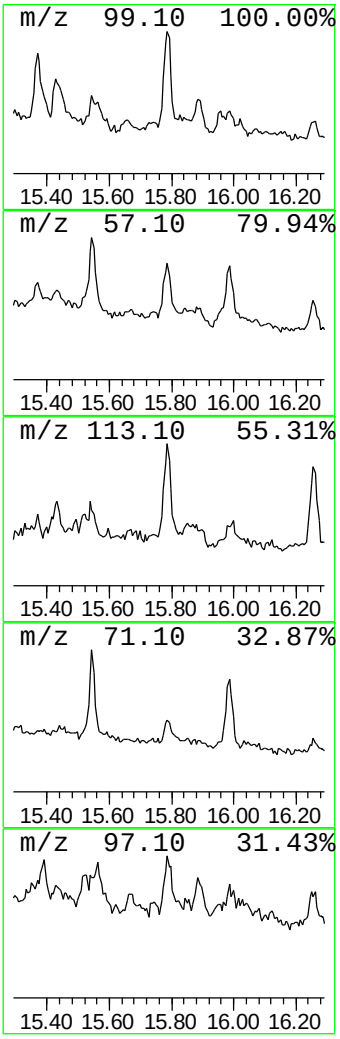
Peak Number 10 unknown15.79 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.79	4.62 ng	132606	Perylene-d12	15.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Butoxy-2,4-dimethyl-2-pentene	170	C11H22O	1000159-08-7	49
2	Hexanoic acid, 3-fluorophenyl ester	210	C12H15FO2	1000330-93-1	35
3	Hexanoic acid, cyclobutyl ester	170	C10H18O2	1000282-83-1	35
4	2H-Pyran-2-one, 6-heptyltetrahydro-	198	C12H22O2	000713-95-1	35
5	Malonic acid, di(2,4-dimethylpen...	300	C17H32O4	1000349-02-5	35





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF082519\
Data File : BF116532.D
Acq On : 25 Aug 2019 15:20
Operator : HP/JU
Sample : K4474-09
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : T1-2-F1-F4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF082319.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
Butane, 2-methoxy...	2.25	66.0	ng	2812780	1	6.88	852472	20.0
unknown6.66	6.66	69.9	ng	2980400	1	6.88	852472	20.0
Tetradecane	10.82	2.1	ng	102583	4	11.40	971114	20.0
n-Hexadecanoic acid	11.92	5.3	ng	259112	4	11.40	971114	20.0
unknown13.47	13.47	3.0	ng	125984	5	14.03	832995	20.0
Dichloroacetic ac...	13.88	6.0	ng	251158	5	14.03	832995	20.0
unknown14.56	14.56	3.6	ng	151827	5	14.03	832995	20.0
unknown15.79	15.79	4.6	ng	132606	6	15.50	574426	20.0