LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052319\
Data File : BF114555.D
Acq On : 24 May 2019 5:31
Operator : JU/SJ
Sample : K2994-15 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-6-S

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	5.440	567	570	588	rBV	1004804	1200718	74.82%	5.216%
2	6.457	740	743	762	rBV	1216641	1370407	85.39%	5.953%
3	6.587	762	765	772	rVV	1412227	1311302	81.71%	5.697%
4	6.645	772	775	780	rVB2	22923	30282	1.89%	0.132%
5	6.810	800	803	811	rBV	994014	957287	59.65%	4.159%
6	6.969	826	830	840	rBV	1128535	982615	61.23%	4.269%
7	7.375	896	899	904	rBV	829472	759518	47.33%	3.300%
8	8.092	1018	1021	1030	rVB	1399329	1238681	77.18%	5.381%
9	8.386	1067	1071	1078	rVB6	15845	25687	1.60%	0.112%
10	8.516	1090	1093	1095	rBV	40181	35287	2.20%	0.153%
11	8.686	1119	1122	1125	rBV	54729	41465	2.58%	0.180%
12	9.116	1192	1195	1200	rBV2	48216	43119	2.69%	0.187%
13	9.169	1200	1204	1209	rBV	1740622	1354246	84.39%	5.883%
14	9.251	1214	1218	1220	rBV	83848	81976	5.11%	0.356%
15	9.445	1247	1251	1254	rBV4	31537	44196	2.75%	0.192%
16	9.510	1259	1262	1264	rBV2	39257	43020	2.68%	0.187%
17	9.563	1268	1271	1274	rVV	229653	211231	13.16%	0.918%
18	9.716	1294	1297	1300	rBV4	42393	51756	3.23%	0.225%
19	9.780	1306	1308	1312	rVB	77672	60627	3.78%	0.263%
20	9.851	1316	1320	1323	rVV2	1547998	1350291	84.14%	5.866%
21	9.886	1323	1326	1330	rVB	67068	77194	4.81%	0.335%
22	9.957	1335	1338	1342	rVV3	34183	46880	2.92%	0.204%
23	10.057	1353	1355	1360	rVV2	39651	37285	2.32%	0.162%
24	10.098	1360	1362	1366	rVB3	41043	45952	2.86%	0.200%
25	10.169	1371	1374	1377	rBV3	47694	72252	4.50%	0.314%
26	10.257	1386	1389	1390	rBV2	45589	44776	2.79%	0.195%
27	10.275	1390	1392	1396	rVB	104366	98194	6.12%	0.427%
28	10.398	1410	1413	1419	rVB2	64638	82526	5.14%	0.359%
29	10.645	1451	1455	1459	rBV	716931	738073	45.99%	3.206%
30	10.763	1470	1475	1481	rBV2	184954	296287	18.46%	1.287%
31	11.198	1546	1549	1551	rBV	136405	116844	7.28%	0.508%
32	11.339	1570	1573	1575	rBV	1529741	1287007	80.20%	5.591%
33	11.363	1575	1577	1582	rVV	522705	442932	27.60%	1.924%
34	11.416	1584	1586	1589	rVB	168831	128949	8.04%	0.560%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052319\
Data File : BF114555.D
Acq On : 24 May 2019 5:31
Operator : JU/SJ
Sample : K2994-15 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-6-S

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	11.627	1619	1622	1625	rVB2	218665	200576	12.50%	0.871%
36	11.722	1636	1638	1641	rVB	154120	134749	8.40%	0.585%
37	11.922	1669	1672	1675	rBV2	132813	159637	9.95%	0.694%
38	11.957	1675	1678	1680	rBV2	200014	200112	12.47%	0.869%
39	12.033	1688	1691	1696	rVB2	156823	155726	9.70%	0.677%
40	12.557	1777	1780	1784	rBV	1424458	1284684	80.05%	5.581%
41	12.786	1814	1819	1825	rBV	1426939	1604830	100.00%	6.972%
42	12.921	1839	1842	1845	rVB	1079232	886749	55.26%	3.852%
43	13.986	2019	2023	2026	rBV2	1177238	1575654	98.18%	6.845%
44	14.015	2026	2028	2031	rVB	545480	424936	26.48%	1.846%
45	15.033	2198	2201	2204	rBV	424739	505089	31.47%	2.194%
46	15.398	2260	2263	2267	rVB	459738	537866	33.52%	2.337%
47	15.457	2270	2273	2276	rVB2	520512	639234	39.83%	2.777%

Sum of corrected areas: 23018704

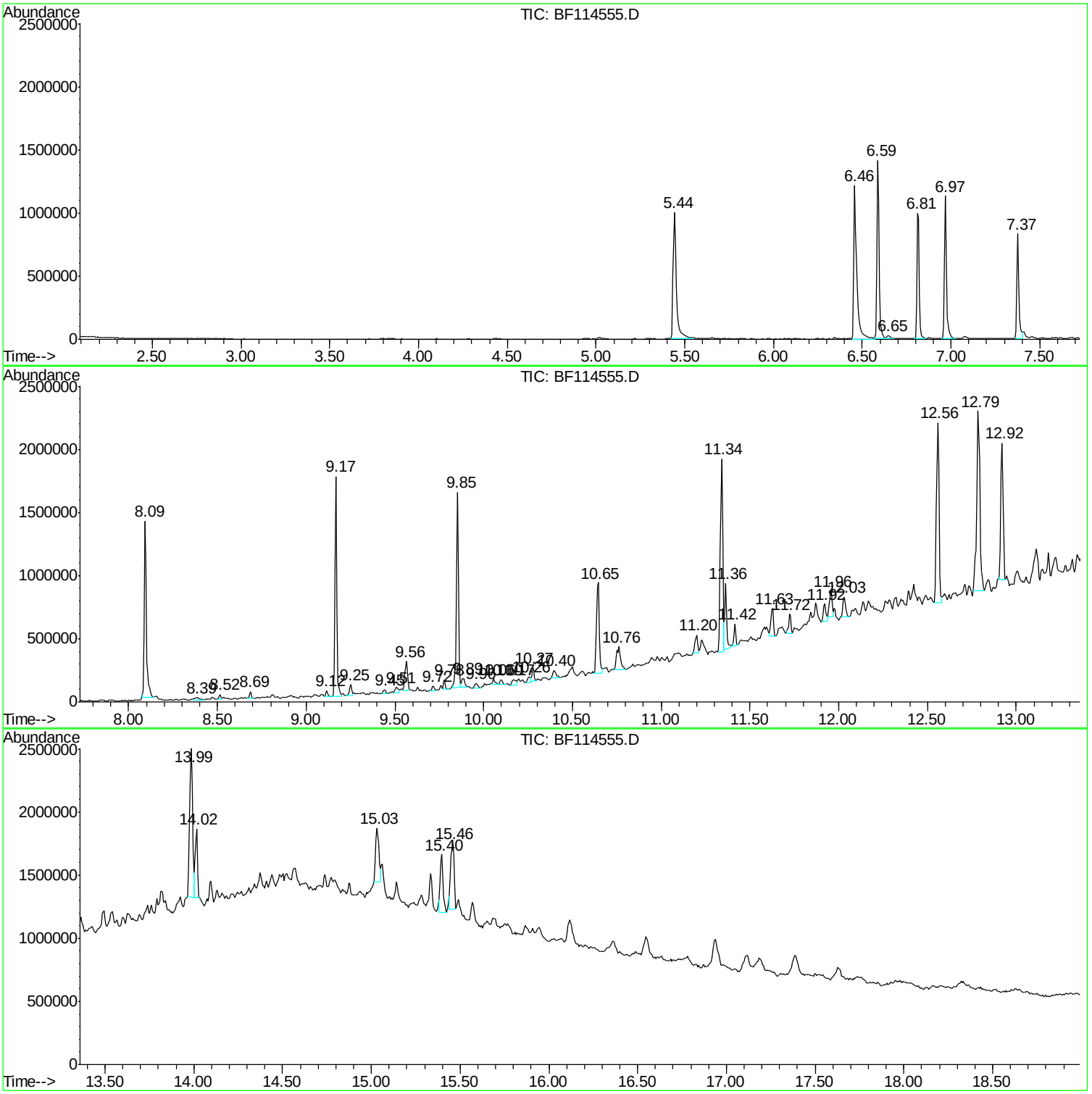
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052319\
Data File : BF114555.D
Acq On : 24 May 2019 5:31
Operator : JU/SJ
Sample : K2994-15 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-6-S

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052319\
Data File : BF114555.D
Acq On : 24 May 2019 5:31
Operator : JU/SJ
Sample : K2994-15 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-6-S

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

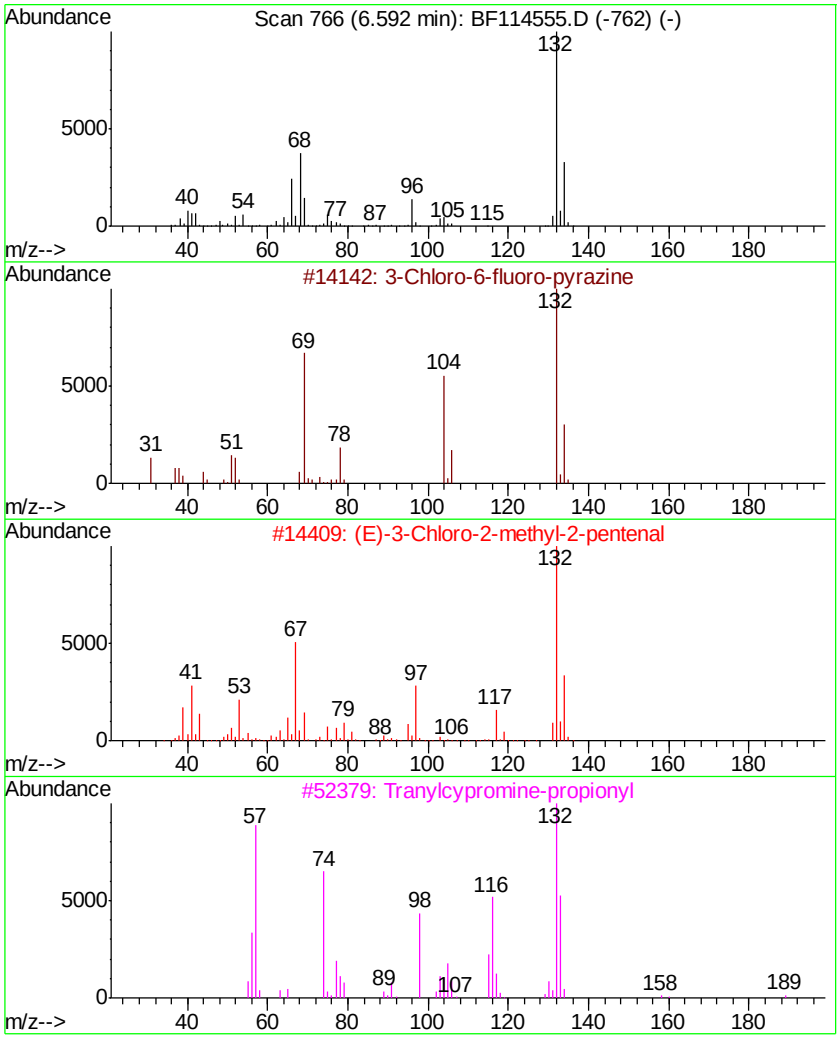
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

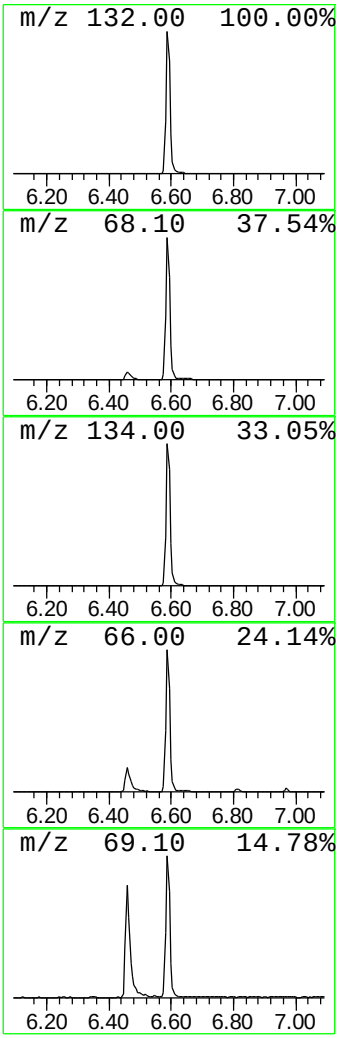
****

Peak Number 1 unknown6.59 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.59	27.40 ng	1311300	1,4-Dichlorobenzene-d4	6.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	Amphetaminil	250	C17H18N2	017590-01-1	10
5	Imidazole, 4,5-dicyano-1-methyl-	132	C6H4N4	019485-35-9	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052319\
Data File : BF114555.D
Acq On : 24 May 2019 5:31
Operator : JU/SJ
Sample : K2994-15 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-6-S

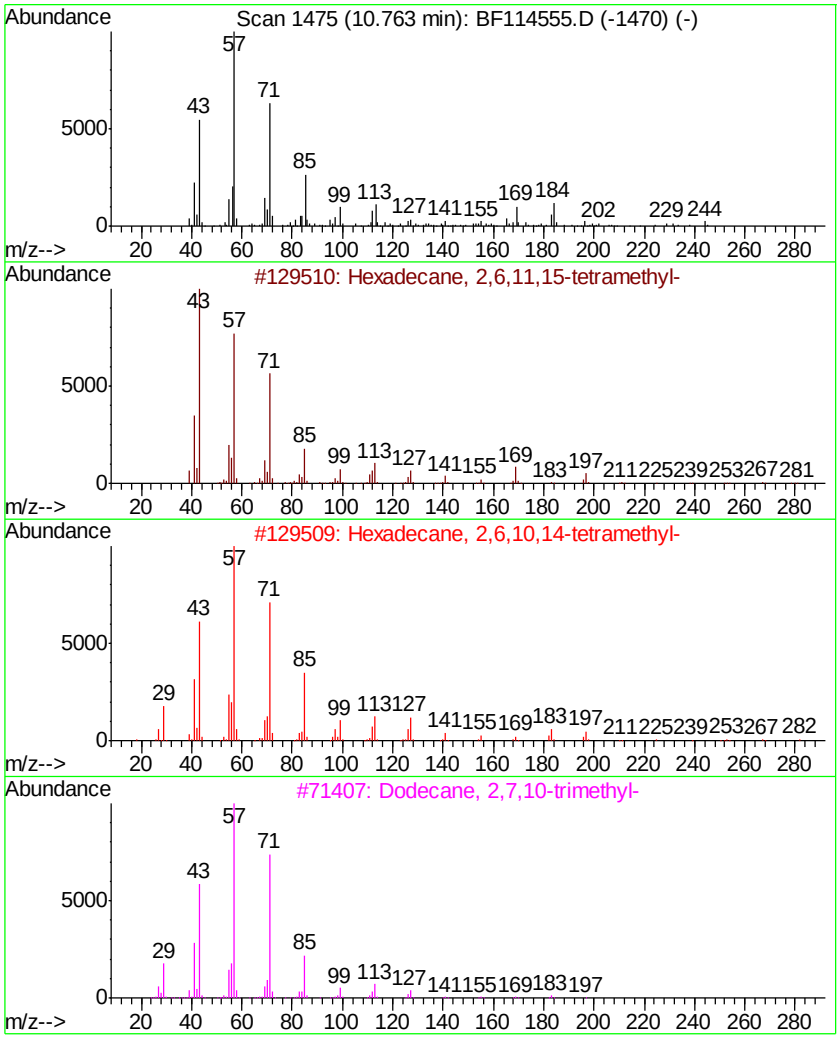
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

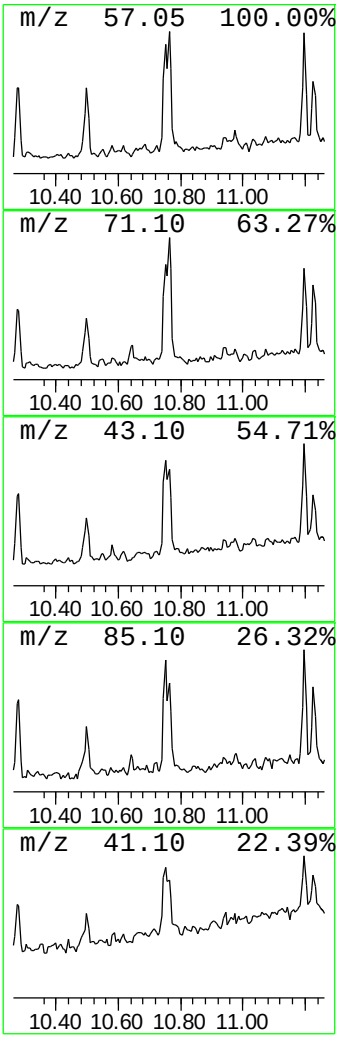
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Hexadecane, 2,6,11,15-tetra... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.76	4.60 ng	296287	Phenanthrene-d10	11.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 2,6,11,15-tetramethyl-	282	C20H42	000504-44-9	86
2	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	83
3	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	72
4	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	58
5	Heptadecane	240	C17H36	000629-78-7	53





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052319\
Data File : BF114555.D
Acq On : 24 May 2019 5:31
Operator : JU/SJ
Sample : K2994-15 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-6-S

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

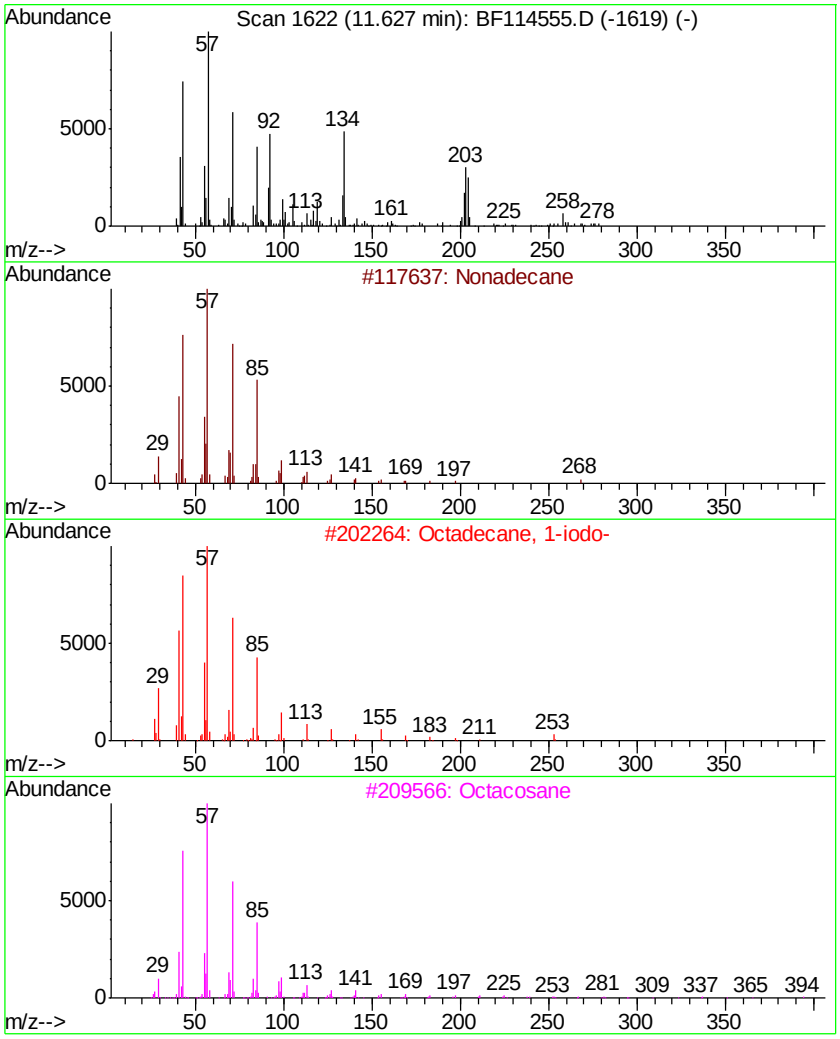
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

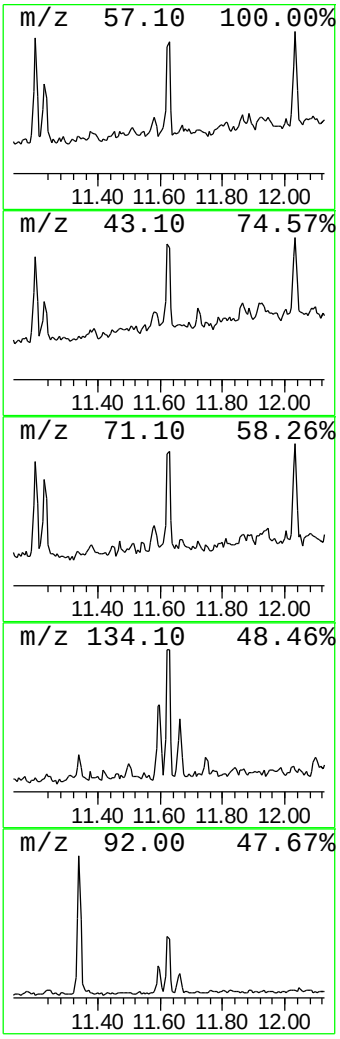
****

Peak Number 4 Nonadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.63	3.12 ng	200576	Phenanthrene-d10	11.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	70
2	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	30
3	Octacosane	394	C28H58	000630-02-4	30
4	Hexatriacontane	507	C36H74	000630-06-8	30
5	Hexacosane	366	C26H54	000630-01-3	30





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052319\
Data File : BF114555.D
Acq On : 24 May 2019 5:31
Operator : JU/SJ
Sample : K2994-15 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-6-S

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

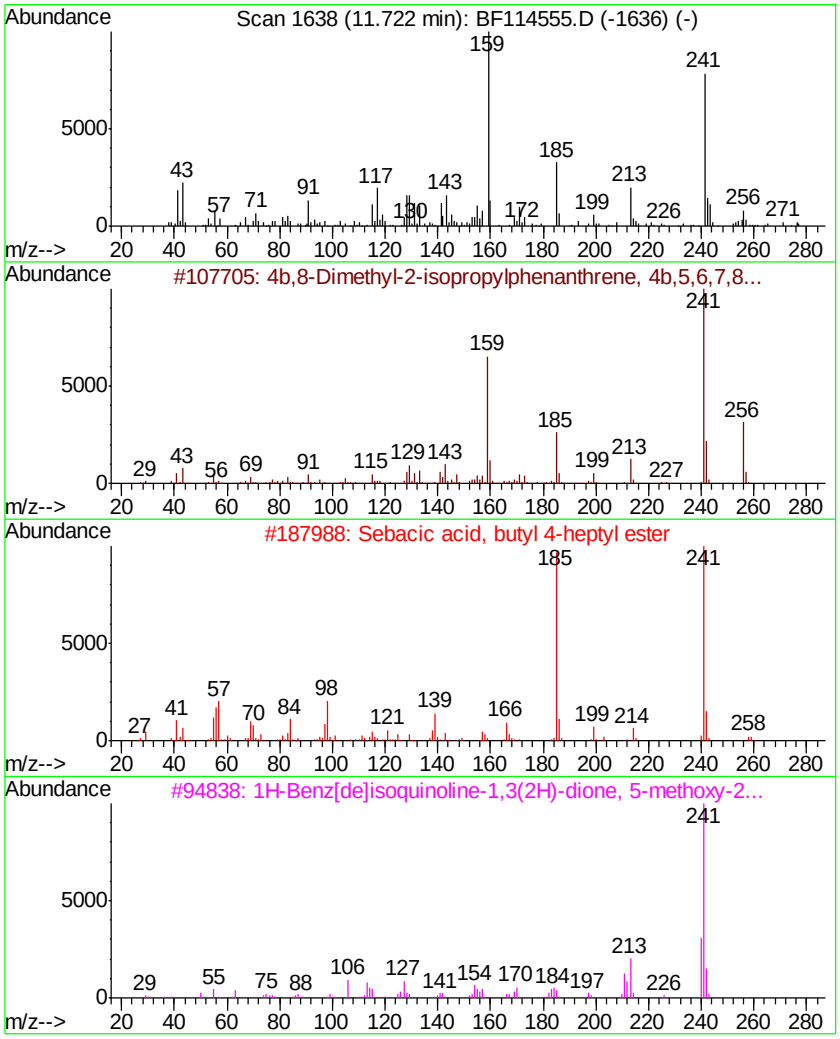
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

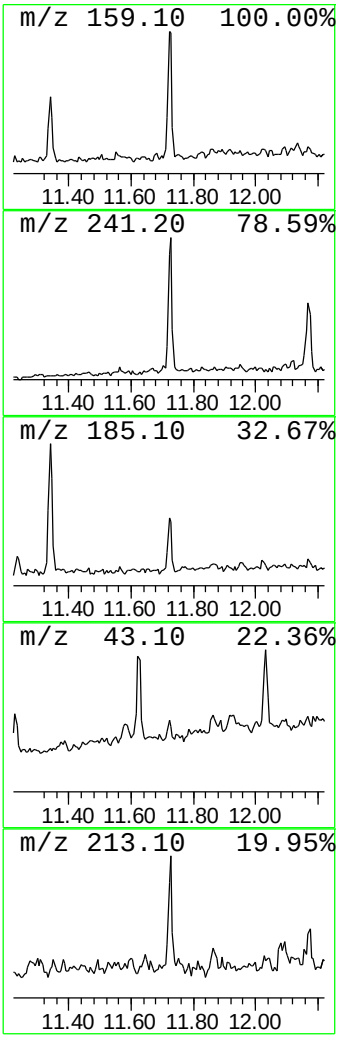
****

Peak Number 5 unknown11.72 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.72	2.09 ng	134749	Phenanthrene-d10	11.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4b,8-Dimethyl-2-isopropylphenant...	256	C19H28	1000197-14-1	43
2	Sebacic acid, butyl 4-heptyl ester	356	C21H40O4	1000355-38-4	35
3	1H-Benz[de]isoquinoline-1,3(2H)-...	241	C14H11NO3	055133-82-9	35
4	Sebacic acid, butyl 6-ethyloct-3...	398	C24H46O4	1000354-18-4	35
5	3,4-Dihydro-3,3-dimethyl-1,9(2H,...	241	C15H15NO2	1000212-95-2	35





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052319\
Data File : BF114555.D
Acq On : 24 May 2019 5:31
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Sample : K2994-15 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-6-S

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

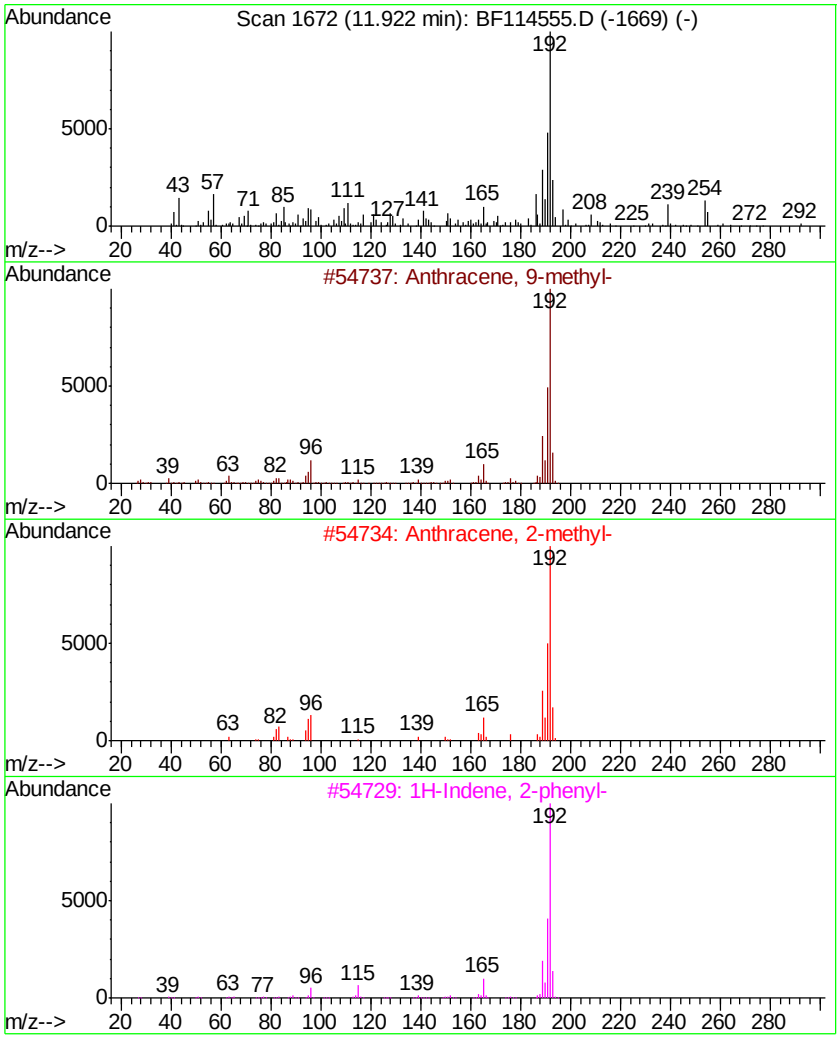
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

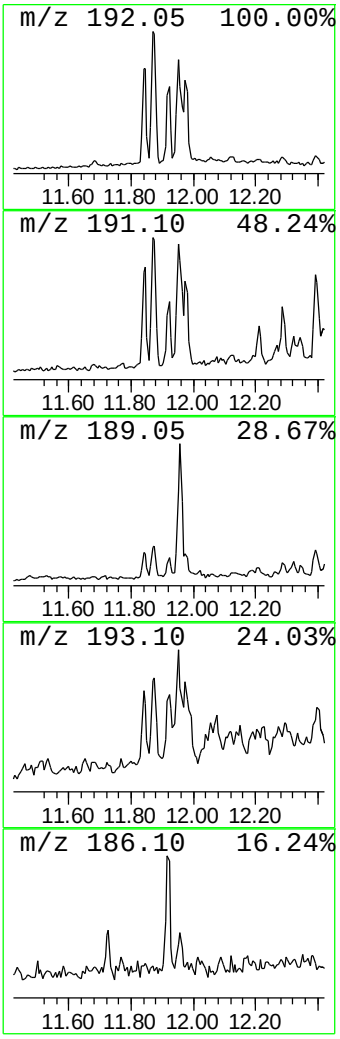
****

Peak Number 6 Anthracene, 9-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.92	2.48 ng	159637	Phenanthrene-d10	11.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 9-methyl-	192	C15H12	000779-02-2	83
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	64
3	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	64
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	64
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	64





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052319\
Data File : BF114555.D
Acq On : 24 May 2019 5:31
Operator : JU/SJ
Sample : K2994-15 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-6-S

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

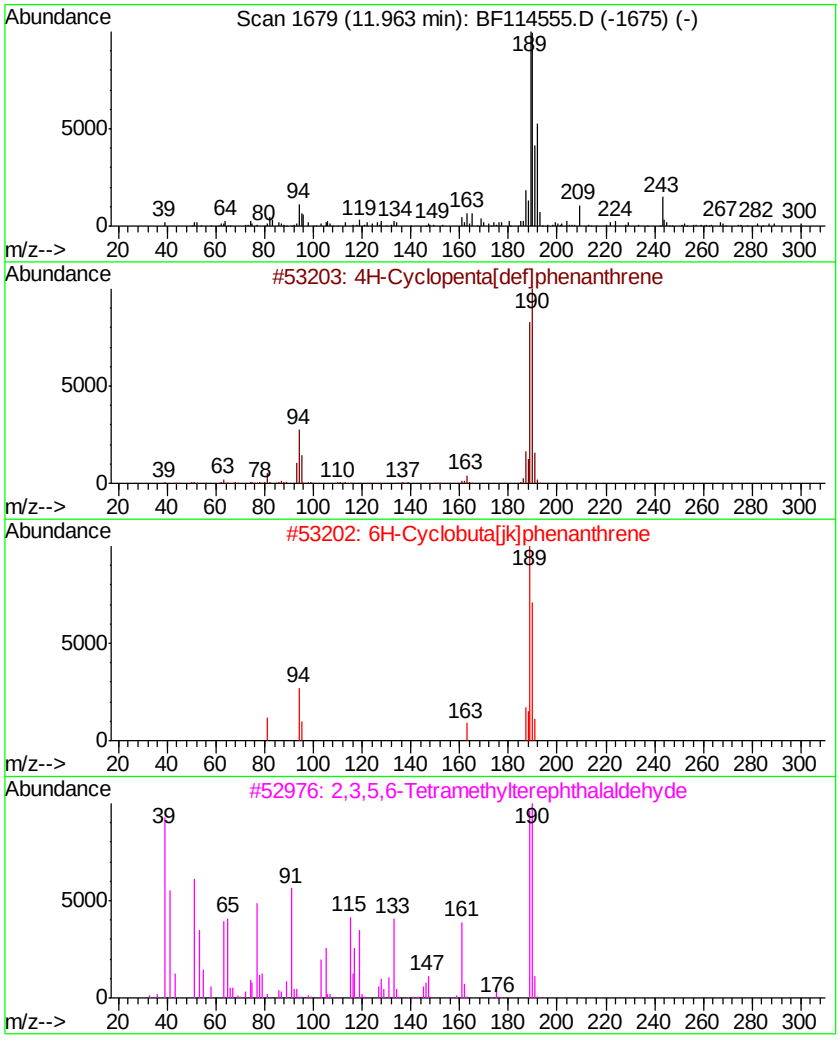
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

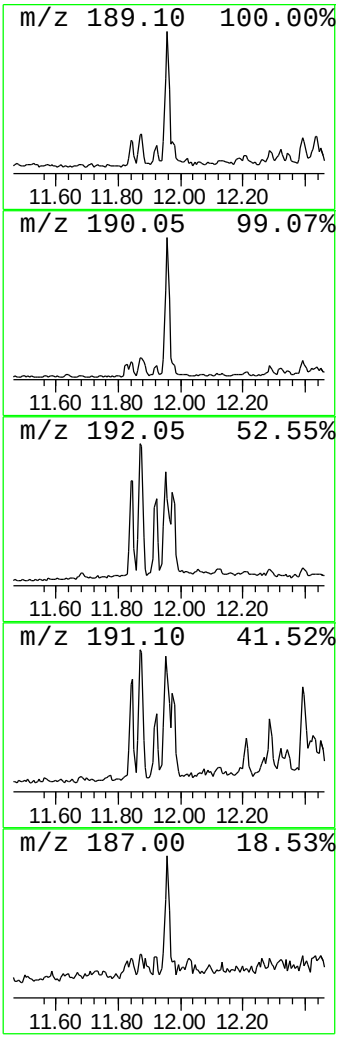
****

Peak Number 7 4H-Cyclopenta[def]phenanthrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.96	3.11 ng	200112	Phenanthrene-d10	11.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	53
3	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	49
4	1H-Pyrazole-4-carboxaldehyde, 1-...	190	C10H7FN2O	1000338-05-6	38
5	1-Aminocyclopentanecarboxylic ac...	361	C18H32ClNO4	1000329-17-0	25





Library Search Compound Report

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Data File : BF114555.D
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Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-6-S

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

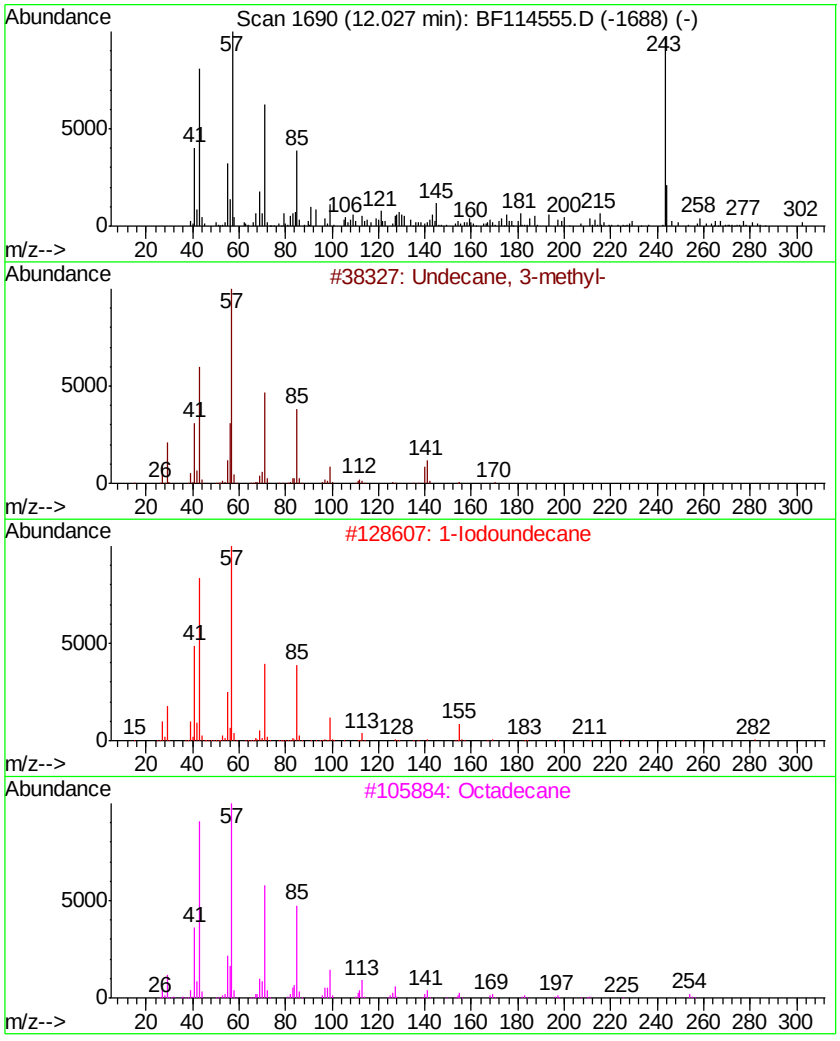
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

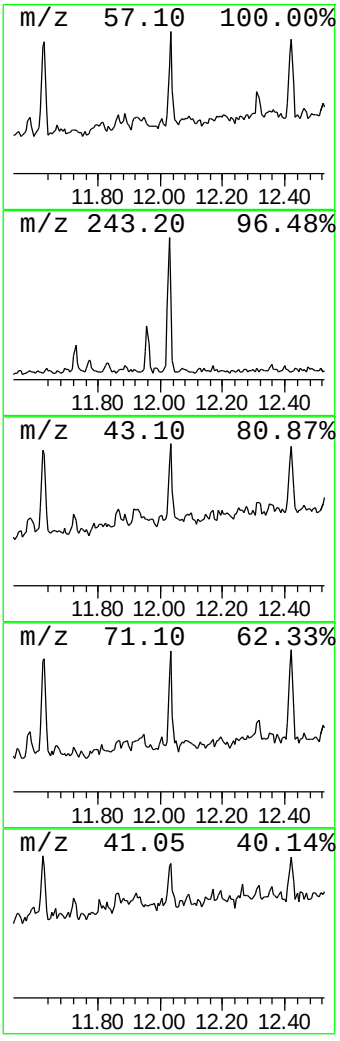
****

Peak Number 8 Undecane, 3-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.03	2.42 ng	155726	Phenanthrene-d10	11.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 3-methyl-	170	C12H26	001002-43-3	58
2	1-Iodoundecane	282	C11H23I	004282-44-4	58
3	Octadecane	254	C18H38	000593-45-3	52
4	Tridecane, 7-propyl-	226	C16H34	055045-09-5	52
5	Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	50





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF052319\
Data File : BF114555.D
Acq On : 24 May 2019 5:31
Operator : JU/SJ
Sample : K2994-15 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-6-S

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
unknown6.59	6.59	27.4	ng	1311300	1	6.82	957287	20.0
Hexadecane, 2,6,1...	10.76	4.6	ng	296287	4	11.34	1287010	20.0
Nonadecane	11.63	3.1	ng	200576	4	11.34	1287010	20.0
unknown11.72	11.72	2.1	ng	134749	4	11.34	1287010	20.0
Anthracene, 9-met...	11.92	2.5	ng	159637	4	11.34	1287010	20.0
4H-Cyclopenta[def...	11.96	3.1	ng	200112	4	11.34	1287010	20.0
Undecane, 3-methyl-	12.03	2.4	ng	155726	4	11.34	1287010	20.0