LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081219\
Data File : BF116215.D
Acq On : 13 Aug 2019 3:17
Operator : HP/JU
Sample : K4245-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COMP-25

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-BF073019.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	5.057	501	505	524	rVB	30466	56711	1.99%	0.194%
2	5.457	570	573	596	rBV	2070532	2309748	81.08%	7.887%
3	6.475	742	746	765	rBV	2382641	2632466	92.40%	8.989%
4	6.610	765	769	775	rVV	2632951	2550905	89.54%	8.710%
5	6.663	775	778	785	rVB3	25826	39923	1.40%	0.136%
6	6.834	804	807	815	rBV	843828	717427	25.18%	2.450%
7	6.992	830	834	848	rBV	2240569	2029675	71.25%	6.930%
8	7.398	899	903	913	rBV	1587672	1575761	55.31%	5.380%
9	8.116	1019	1025	1032	rBV	914977	945764	33.20%	3.229%
10	8.404	1067	1074	1077	rBV6	20354	31269	1.10%	0.107%
11	8.534	1092	1096	1098	rBV	34880	30620	1.07%	0.105%
12	9.133	1196	1198	1204	rBV2	48760	43360	1.52%	0.148%
13	9.186	1204	1207	1218	rVV	2896487	2848845	100.00%	9.727%
14	9.269	1218	1221	1224	rBV3	74312	70929	2.49%	0.242%
15	9.581	1271	1274	1278	rBV	295794	315551	11.08%	1.077%
16	9.733	1297	1300	1303	rBV2	73786	83072	2.92%	0.284%
17	9.869	1316	1323	1327	rBV	1219344	1086902	38.15%	3.711%
18	9.904	1327	1329	1333	rVB2	39249	39152	1.37%	0.134%
19	10.122	1363	1366	1369	rVB3	37013	42241	1.48%	0.144%
20	10.186	1374	1377	1379	rBV3	41317	47700	1.67%	0.163%
21	10.275	1389	1392	1394	rBV3	37233	42533	1.49%	0.145%
22	10.298	1394	1396	1398	rVB	49744	38982	1.37%	0.133%
23	10.516	1430	1433	1439	rVB	59818	74064	2.60%	0.253%
24	10.663	1454	1458	1468	rBV	1247625	1312071	46.06%	4.480%
25	10.780	1473	1478	1485	rVB2	166441	243111	8.53%	0.830%
26	10.839	1485	1488	1490	rBV	45893	50599	1.78%	0.173%
27	11.016	1516	1518	1522	rVB3	45538	54521	1.91%	0.186%
28	11.051	1522	1524	1529	rVV	39915	46490	1.63%	0.159%
29	11.098	1529	1532	1540	rVB3	46614	76287	2.68%	0.260%
30	11.216	1549	1552	1554	rBV2	62142	51187	1.80%	0.175%
31	11.245	1554	1557	1563	rVB2	99663	133069	4.67%	0.454%
32	11.357	1573	1576	1579	rBV	987089	937150	32.90%	3.200%
33	11.380	1579	1580	1585	rVV	391725	299968	10.53%	1.024%
34	11.433	1587	1589	1592	rVB	73061	77183	2.71%	0.264%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081219\
Data File : BF116215.D
Acq On : 13 Aug 2019 3:17
Operator : HP/JU
Sample : K4245-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COMP-25

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-BF073019.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.598	1614	1617	1621	rBV4	48445	61333	2.15%	0.209%
36	11.639	1622	1624	1629	rVB2	50931	50866	1.79%	0.174%
37	11.863	1659	1662	1663	rBV	55009	48520	1.70%	0.166%
38	11.886	1663	1666	1672	rVB3	128849	190211	6.68%	0.649%
39	11.939	1673	1675	1678	rBV	36065	32756	1.15%	0.112%
40	11.974	1678	1681	1683	rBV2	91672	99943	3.51%	0.341%
41	12.045	1691	1693	1696	rBV	44134	41893	1.47%	0.143%
42	12.151	1709	1711	1714	rBV	55815	55136	1.94%	0.188%
43	12.333	1740	1742	1745	rBV2	39654	32717	1.15%	0.112%
44	12.410	1752	1755	1757	rBV	82684	78309	2.75%	0.267%
45	12.439	1757	1760	1763	rVB3	57068	70684	2.48%	0.241%
46	12.574	1779	1783	1787	rBV	939776	834055	29.28%	2.848%
47	12.804	1816	1822	1828	rBV	920439	1010674	35.48%	3.451%
48	12.939	1841	1845	1848	rBV	2482525	2233869	78.41%	7.628%
49	13.198	1887	1889	1892	rVB	74450	59386	2.08%	0.203%
50	13.410	1923	1925	1928	rBV2	91867	93962	3.30%	0.321%
51	14.004	2021	2026	2028	rBV2	966607	1315367	46.17%	4.491%
52	14.027	2028	2030	2034	rVB	461758	417385	14.65%	1.425%
53	14.827	2164	2166	2170	rVB	237513	209653	7.36%	0.716%
54	15.051	2200	2204	2206	rBV	371198	480011	16.85%	1.639%
55	15.415	2263	2266	2271	rVB	304616	369946	12.99%	1.263%
56	15.474	2273	2276	2280	rVB	443784	565048	19.83%	1.929%

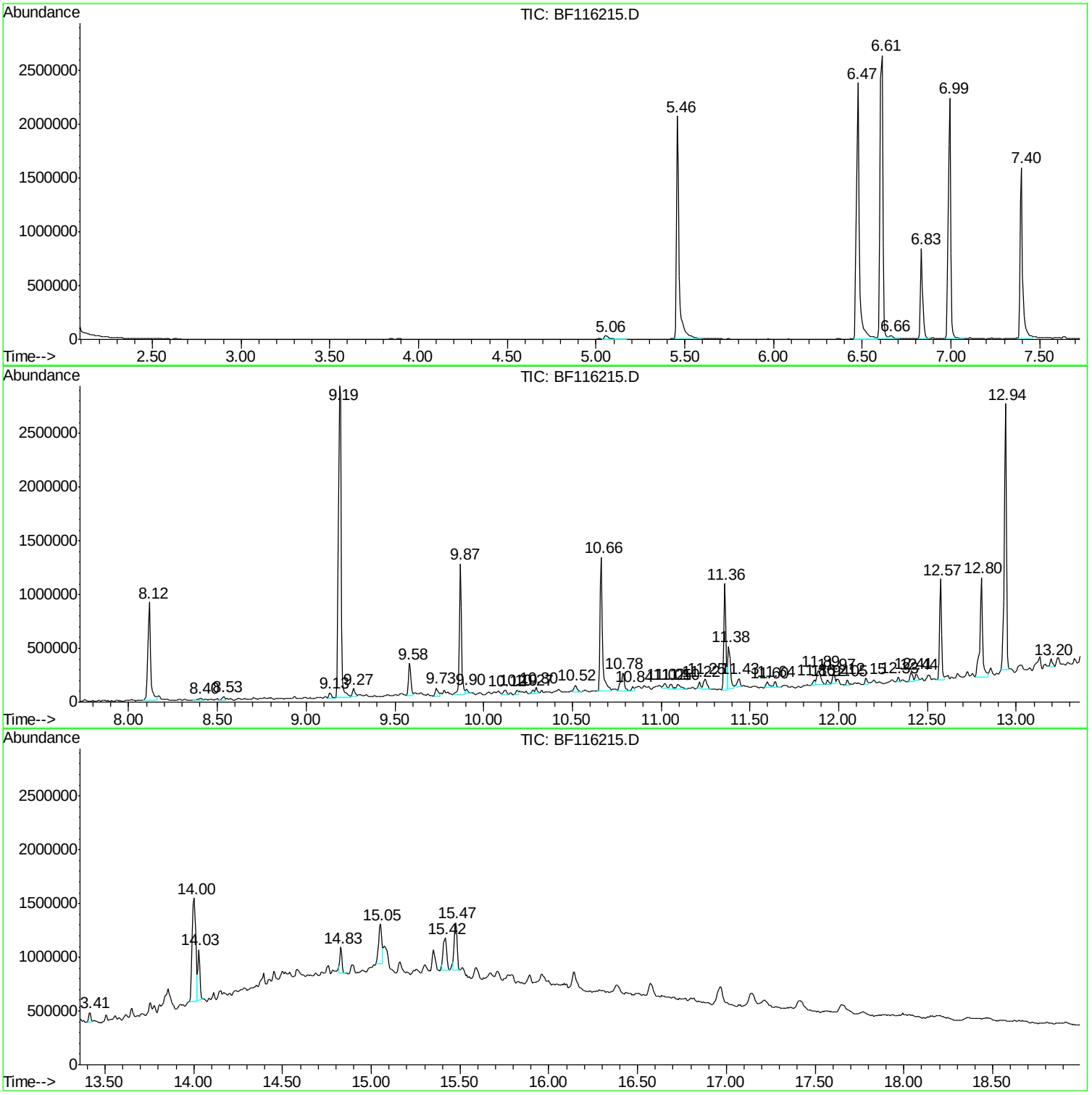
Sum of corrected areas: 29286960

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081219\
Data File : BF116215.D
Acq On : 13 Aug 2019 3:17
Operator : HP/JU
Sample : K4245-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMP-25

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.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\BF081219\
Data File : BF116215.D
Acq On : 13 Aug 2019 3:17
Operator : HP/JU
Sample : K4245-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COMP-25

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

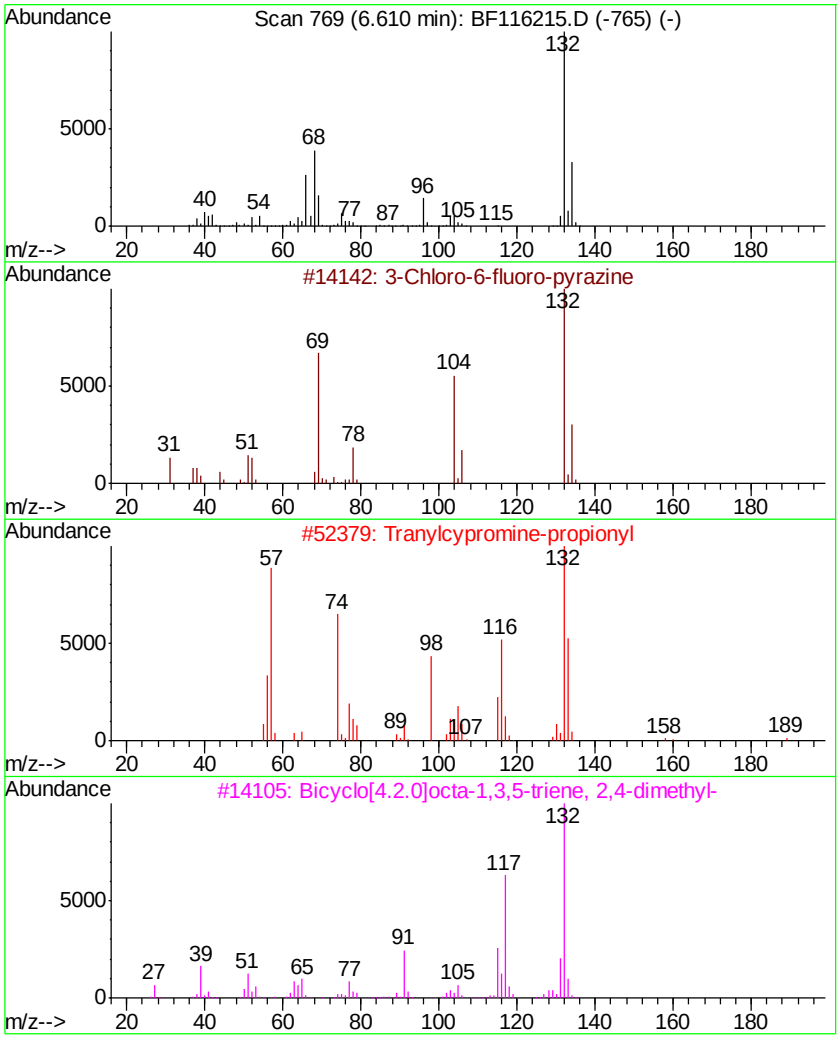
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

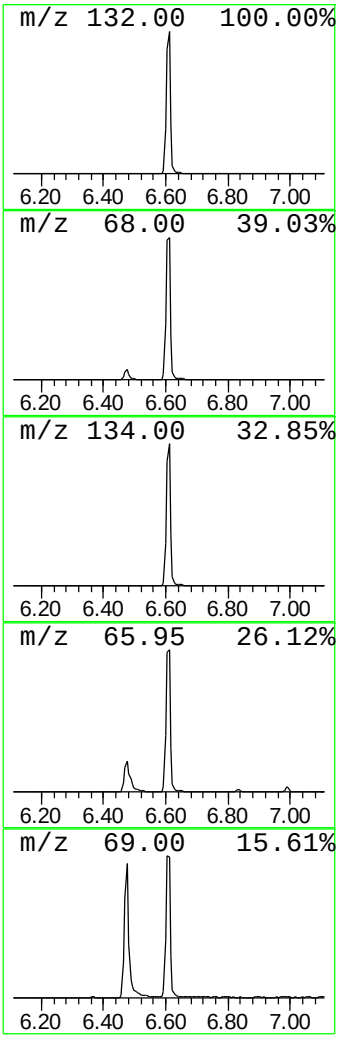
****

Peak Number 1 unknown6.61 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.61	71.11 ng	2550910	1,4-Dichlorobenzene-d4	6.83

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	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
4	1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081219\
Data File : BF116215.D
Acq On : 13 Aug 2019 3:17
Operator : HP/JU
Sample : K4245-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COMP-25

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

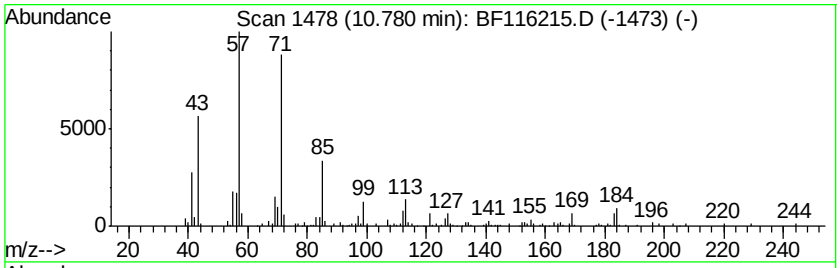
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

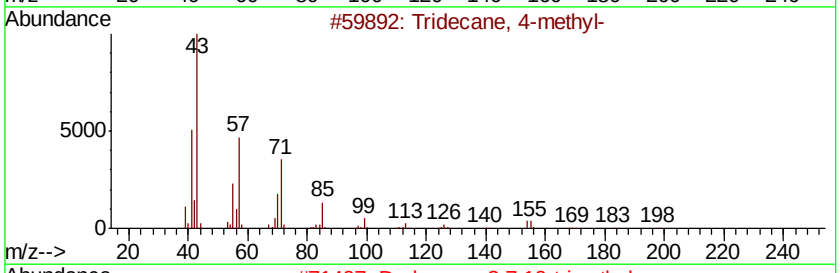
****

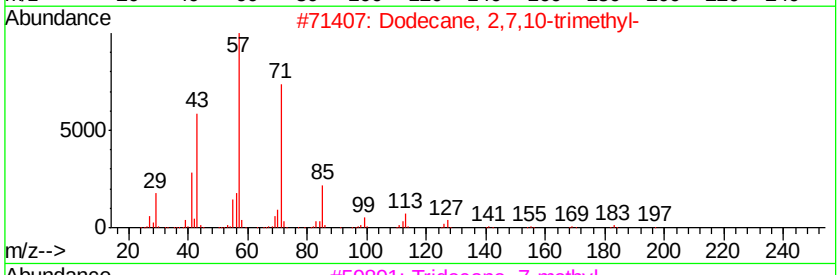
Peak Number 3 Tridecane, 4-methyl- Concentration Rank 4

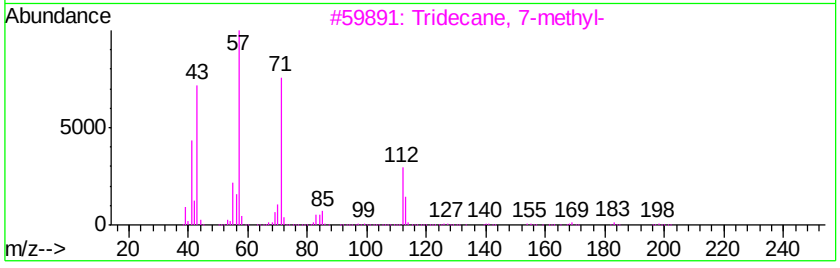
R.T.	EstConc	Area	Relative to ISTD	R.T.
10.78	5.19 ng	243111	Phenanthrene-d10	11.36

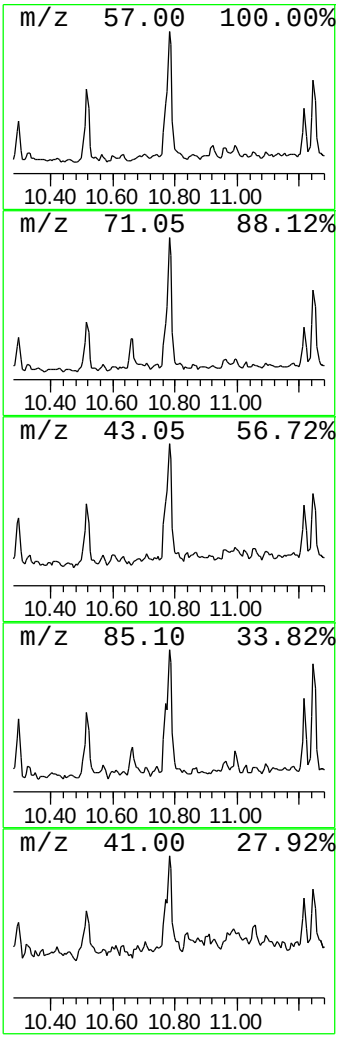
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 4-methyl-	198	C14H30	026730-12-1	80
2	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	72
3	Tridecane, 7-methyl-	198	C14H30	026730-14-3	70
4	Sulfurous acid, decyl 2-ethylhex...	334	C18H38O3S	1000309-19-3	64
5	Tridecane, 2-methyl-	198	C14H30	001560-96-9	64











Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081219\
Data File : BF116215.D
Acq On : 13 Aug 2019 3:17
Operator : HP/JU
Sample : K4245-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COMP-25

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

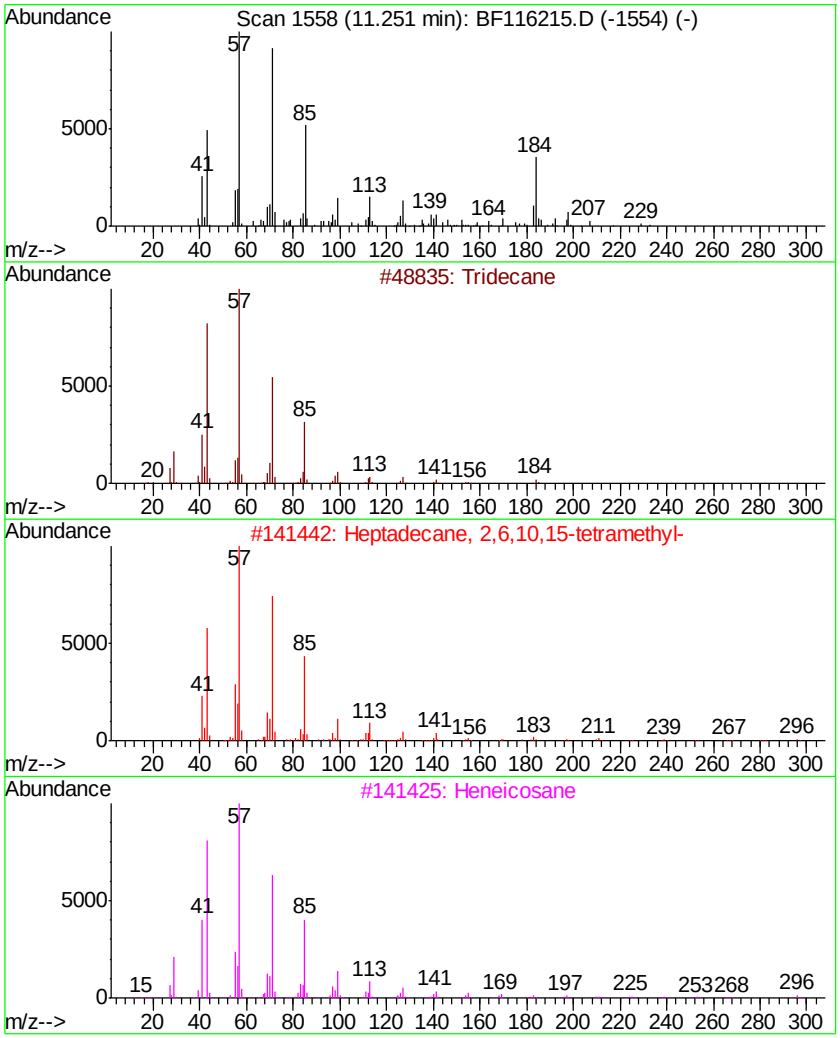
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

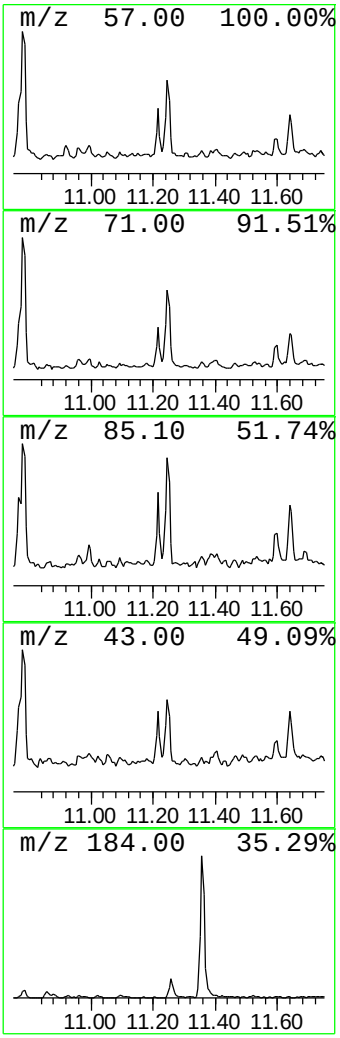
****

Peak Number 4 Tridecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.25	2.84 ng	133069	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	90
2	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	86
3	Heneicosane	296	C21H44	000629-94-7	86
4	Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	80
5	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	72





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081219\
Data File : BF116215.D
Acq On : 13 Aug 2019 3:17
Operator : HP/JU
Sample : K4245-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COMP-25

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

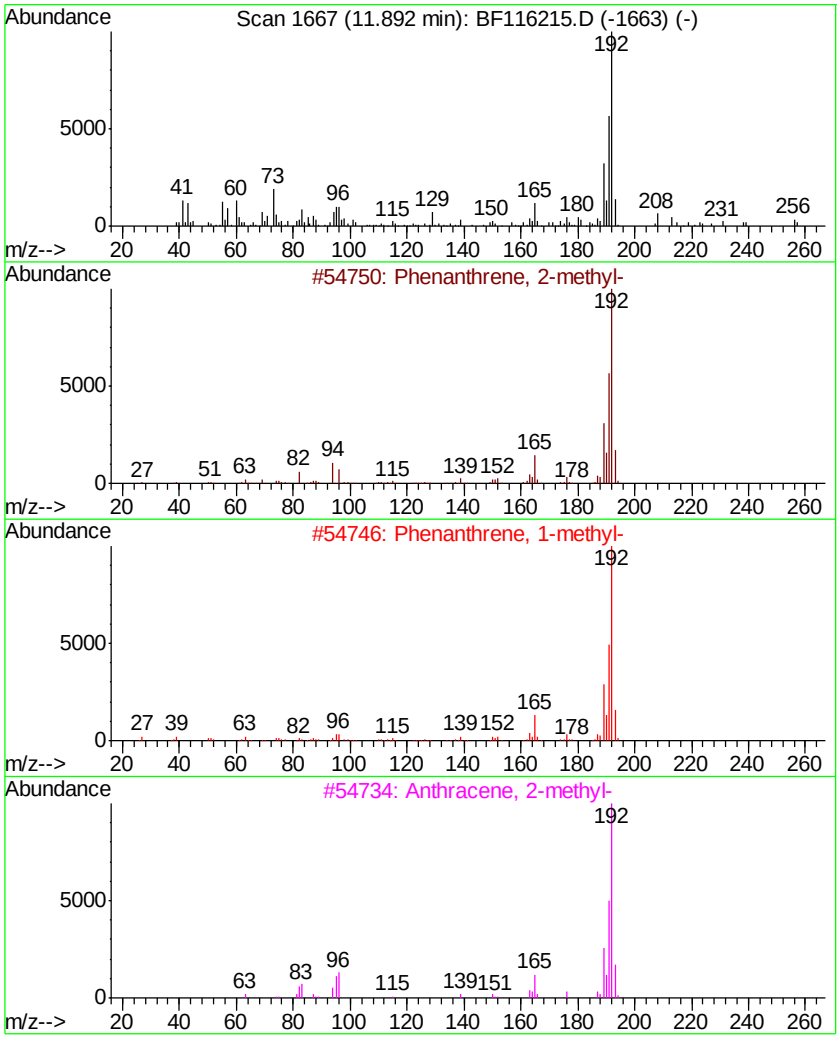
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

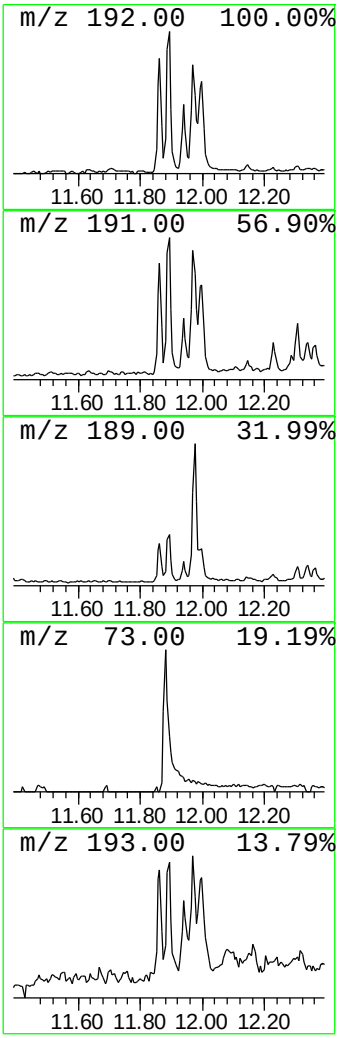
****

Peak Number 5 Phenanthrene, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.89	4.06 ng	190211	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	89
4	Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	86
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	86





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081219\
Data File : BF116215.D
Acq On : 13 Aug 2019 3:17
Operator : HP/JU
Sample : K4245-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COMP-25

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

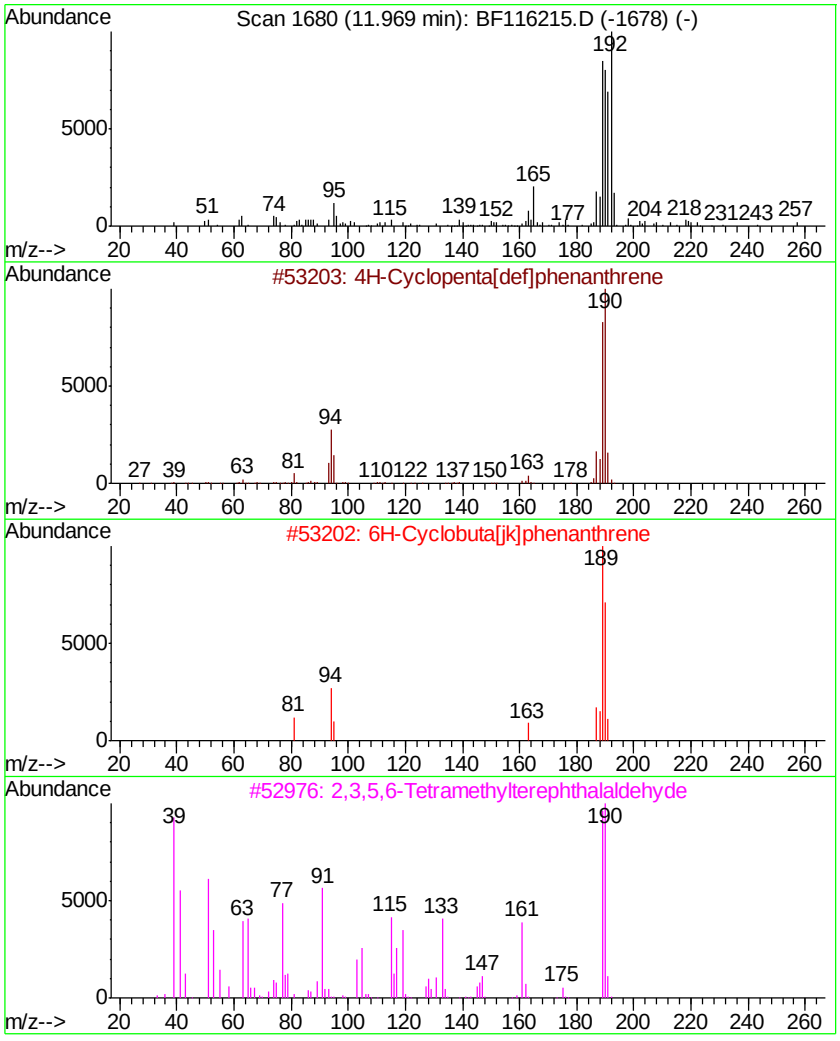
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

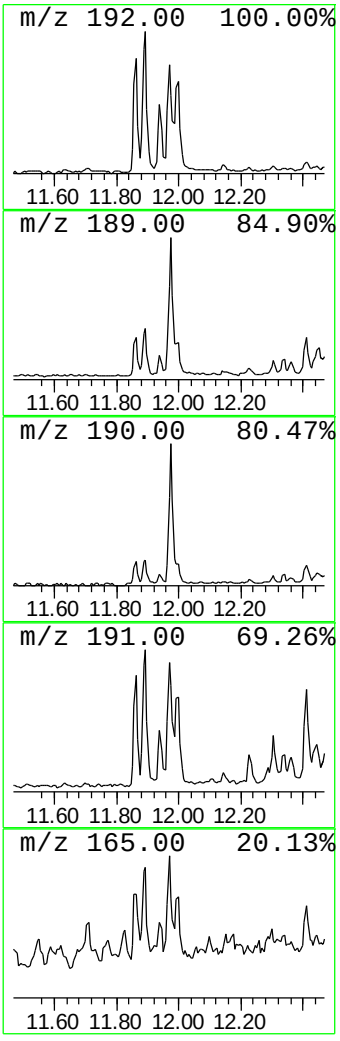
****

Peak Number 6 4H-Cyclopenta[def]phenanthrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.97	2.13 ng	99943	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	92
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	53
3	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	47
4	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	42
5	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	38





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081219\
Data File : BF116215.D
Acq On : 13 Aug 2019 3:17
Operator : HP/JU
Sample : K4245-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COMP-25

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

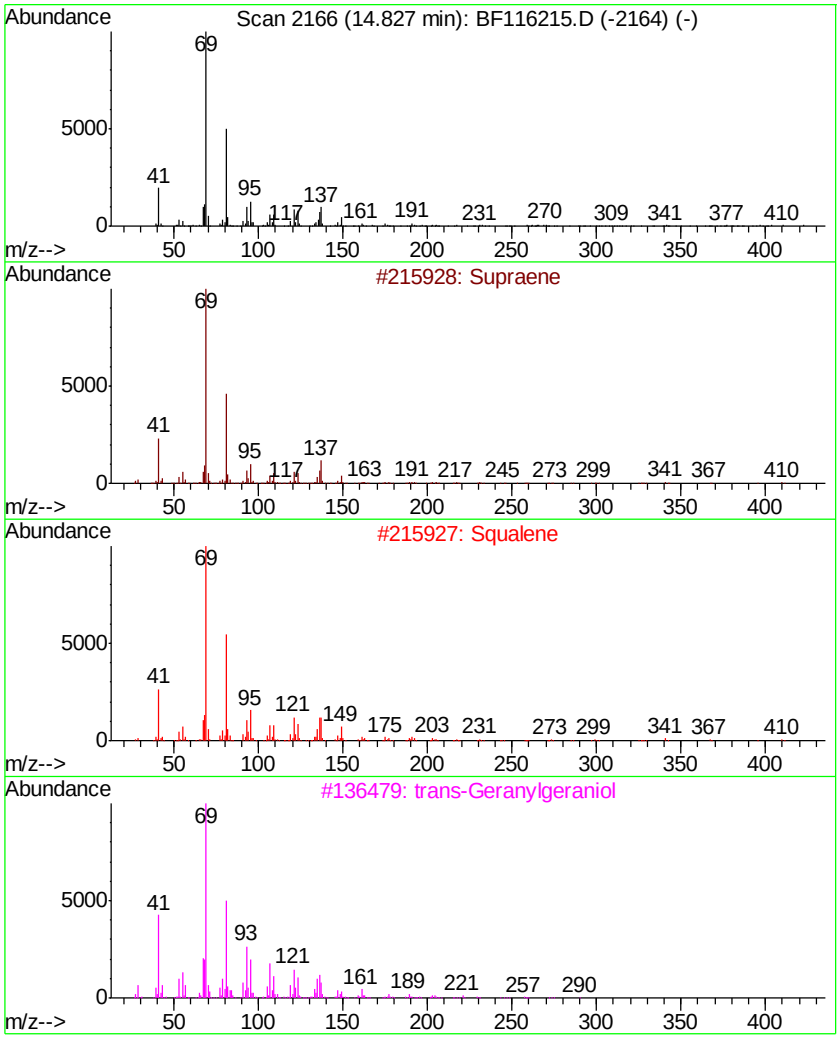
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

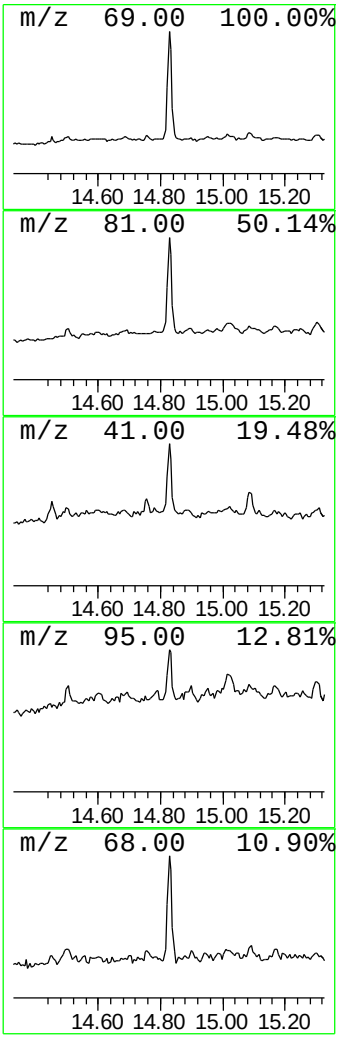
****

Peak Number 7 Supraene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.83	7.42 ng	209653	Perylene-d12	15.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Supraene	410	C30H50	007683-64-9	99
2	Squalene	410	C30H50	000111-02-4	93
3	trans-Geranylgeraniol	290	C20H34O	024034-73-9	64
4	3,7,11-Tridecatrienoic acid, 4,8...	264	C17H28O2	036237-69-1	64
5	4,8,12-Tetradecatrienal, 5,9,13-...	248	C17H28O	066408-55-7	64





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF081219\
Data File : BF116215.D
Acq On : 13 Aug 2019 3:17
Operator : HP/JU
Sample : K4245-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COMP-25

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.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
unknown6.61	6.61	71.1	ng	2550910	1	6.83	717427	20.0
Tridecane, 4-methyl-	10.78	5.2	ng	243111	4	11.36	937150	20.0
Tridecane	11.25	2.8	ng	133069	4	11.36	937150	20.0
Phenanthrene, 2-m...	11.89	4.1	ng	190211	4	11.36	937150	20.0
4H-Cyclopenta[def...	11.97	2.1	ng	99943	4	11.36	937150	20.0
Supraene	14.83	7.4	ng	209653	6	15.47	565048	20.0