LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090119\
Data File : BF116747.D
Acq On : 1 Sep 2019 17:20
Operator : HP/JU
Sample : K4544-10
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : T16-17-C1-C4-(0-2.25)

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-BF083019.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	2.158	9	12	24	rVB3	21414	46473	1.92%	0.204%
2	5.457	568	573	576	rBV	1796486	1639037	67.76%	7.201%
3	6.469	741	745	751	rBV	1820590	1926828	79.66%	8.465%
4	6.610	765	769	773	rBV	1976740	1829299	75.63%	8.036%
5	6.845	805	809	812	rBV	649385	513121	21.21%	2.254%
6	7.004	832	836	839	rBV	1569100	1392493	57.57%	6.117%
7	7.398	899	903	907	rBV	1223564	1110690	45.92%	4.879%
8	8.128	1023	1027	1029	rBV	860883	693250	28.66%	3.046%
9	8.145	1029	1030	1037	rVB	40974	31416	1.30%	0.138%
10	8.839	1145	1148	1151	rVB	48076	39193	1.62%	0.172%
11	9.198	1205	1209	1213	rBV	2586355	2174197	89.88%	9.552%
12	9.286	1220	1224	1230	rVB3	26419	33609	1.39%	0.148%
13	9.592	1272	1276	1281	rVB	293293	267019	11.04%	1.173%
14	9.881	1321	1325	1328	rBV	920604	840742	34.76%	3.693%
15	9.910	1328	1330	1337	rVB	41187	36030	1.49%	0.158%
16	10.081	1356	1359	1363	rBV2	36008	32186	1.33%	0.141%
17	10.422	1414	1417	1420	rBV2	40531	36266	1.50%	0.159%
18	10.663	1454	1458	1463	rBV	1518514	1296847	53.61%	5.697%
19	10.786	1476	1479	1484	rBV3	31809	50752	2.10%	0.223%
20	11.163	1540	1543	1547	rVB	31854	31265	1.29%	0.137%
21	11.228	1548	1554	1557	rVV6	28630	60032	2.48%	0.264%
22	11.257	1557	1559	1565	rVB2	35450	43326	1.79%	0.190%
23	11.357	1573	1576	1579	rBV	1032889	998412	41.28%	4.386%
24	11.380	1579	1580	1584	rVV	497509	334081	13.81%	1.468%
25	11.433	1584	1589	1592	rVB	119573	115123	4.76%	0.506%
26	11.586	1612	1615	1618	rBV	38222	40129	1.66%	0.176%
27	11.863	1659	1662	1663	rBV	51861	49532	2.05%	0.218%
28	11.886	1663	1666	1669	rVV	245410	213856	8.84%	0.939%
29	11.969	1677	1680	1683	rBV2	88268	106337	4.40%	0.467%
30	12.151	1709	1711	1713	rBV	54390	54981	2.27%	0.242%
31	12.175	1713	1715	1719	rVB5	57041	56110	2.32%	0.246%
32	12.569	1778	1782	1785	rBV	854870	732073	30.26%	3.216%
33	12.669	1797	1799	1801	rBV3	51958	44508	1.84%	0.196%
34	12.798	1815	1821	1824	rBV	695201	713290	29.49%	3.134%

LSC Area Percent Report

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Acq On : 1 Sep 2019 17:20
Operator : HP/JU
Sample : K4544-10
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : T16-17-C1-C4-(0-2.25)

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-BF083019.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.945	1841	1846	1849	rVB	2511587	2418899	100.00%	10.627%
36	13.833	1994	1997	2006	rBV	425938	557252	23.04%	2.448%
37	13.980	2018	2022	2023	rBV2	846447	976434	40.37%	4.290%
38	14.016	2026	2028	2035	rVB	296231	259315	10.72%	1.139%
39	15.021	2197	2199	2207	rVB	232996	403524	16.68%	1.773%
40	15.451	2268	2272	2275	rBV	478926	564824	23.35%	2.481%

Sum of corrected areas: 22762751

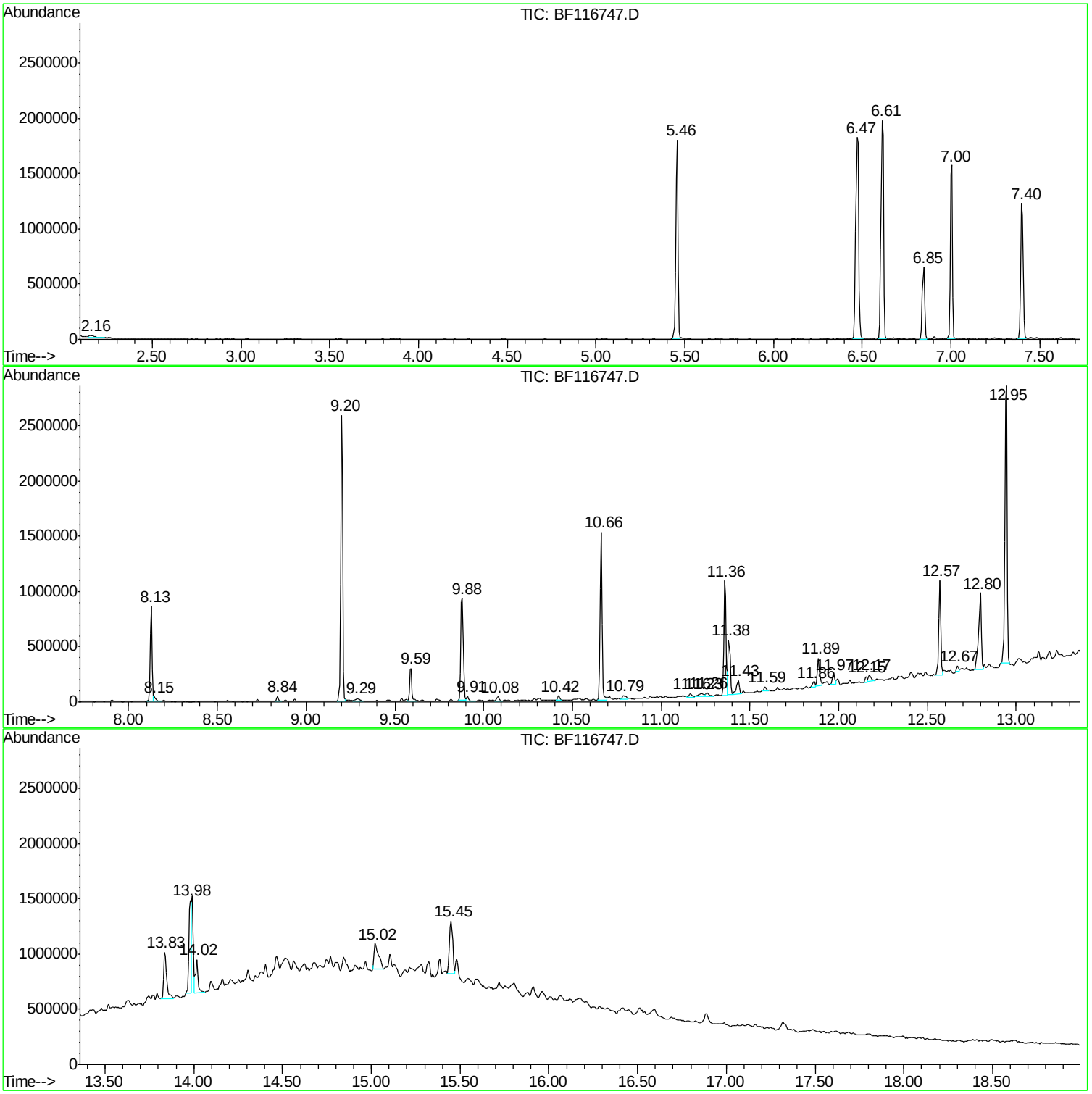
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090119\
Data File : BF116747.D
Acq On : 1 Sep 2019 17:20
Operator : HP/JU
Sample : K4544-10
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : T16-17-C1-C4-(0-2.25)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF083019.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\BF090119\
Data File : BF116747.D
Acq On : 1 Sep 2019 17:20
Operator : HP/JU
Sample : K4544-10
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : T16-17-C1-C4-(0-2.25)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF083019.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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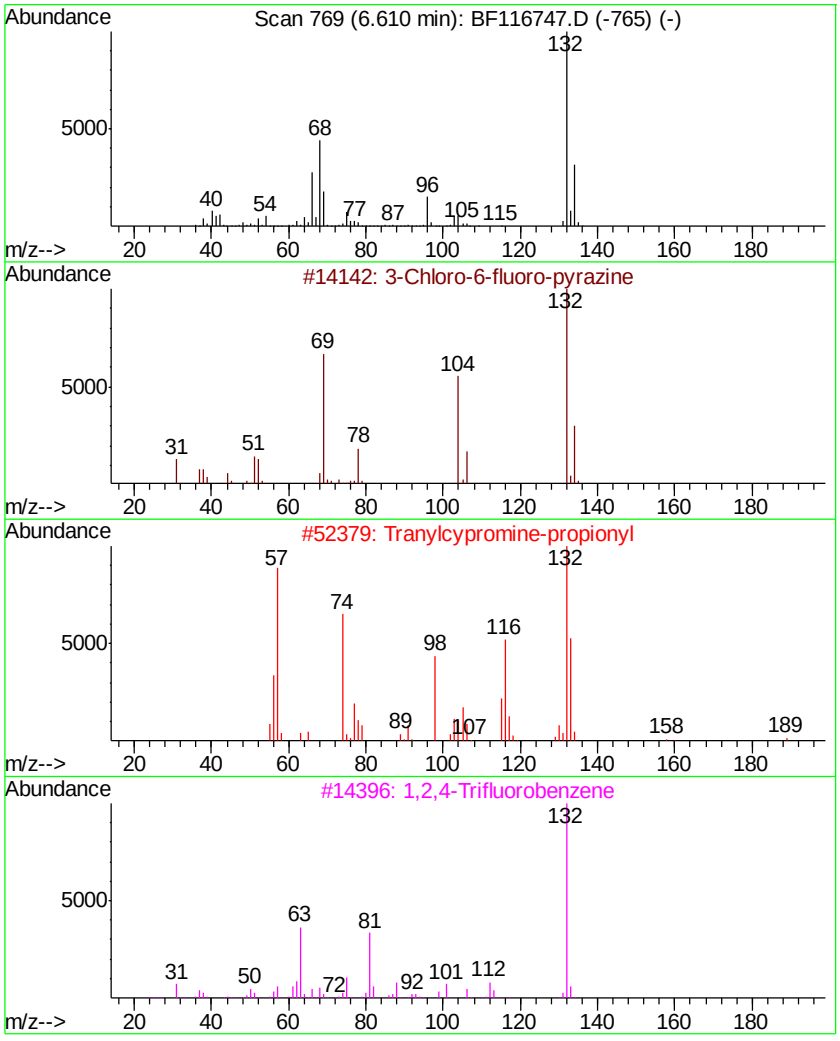
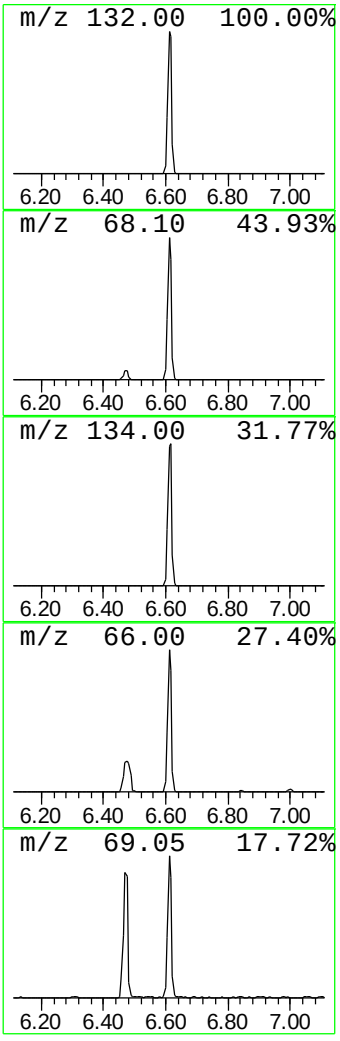
Peak Number 1 unknown6.61 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.61	71.30 ng	1829300	1,4-Dichlorobenzene-d4	6.85

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	10
3	1,2,4-Trifluorobenzene	132	C6H3F3	000367-23-7	9
4	1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9
5	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090119\
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Sample : K4544-10
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Instrument : BNA_F
ClientSampleId : T16-17-C1-C4-(0-2.25)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF083019.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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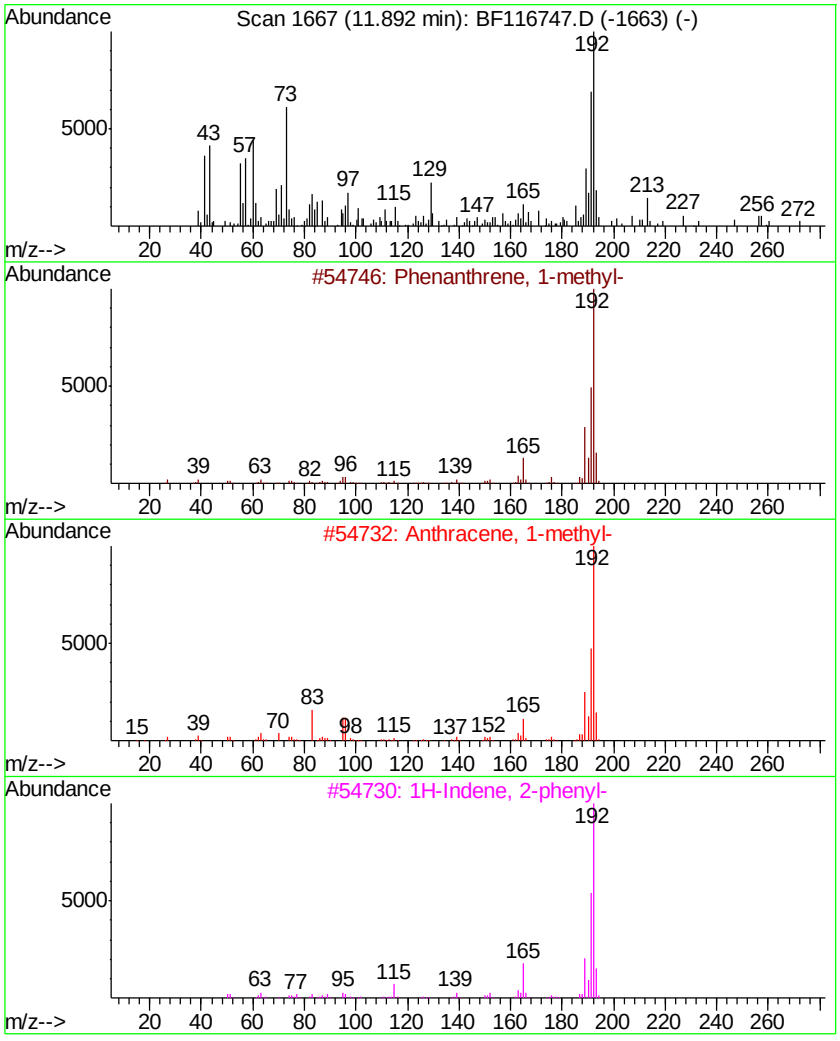
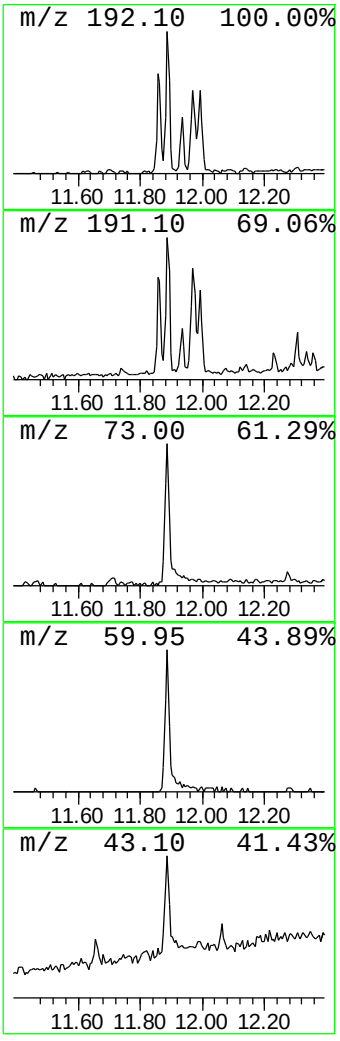
Peak Number 3 Phenanthrene, 1-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.89	4.28 ng	213856	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
3	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	91
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	87
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	83





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090119\
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Acq On : 1 Sep 2019 17:20
Operator : HP/JU
Sample : K4544-10
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : T16-17-C1-C4-(0-2.25)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF083019.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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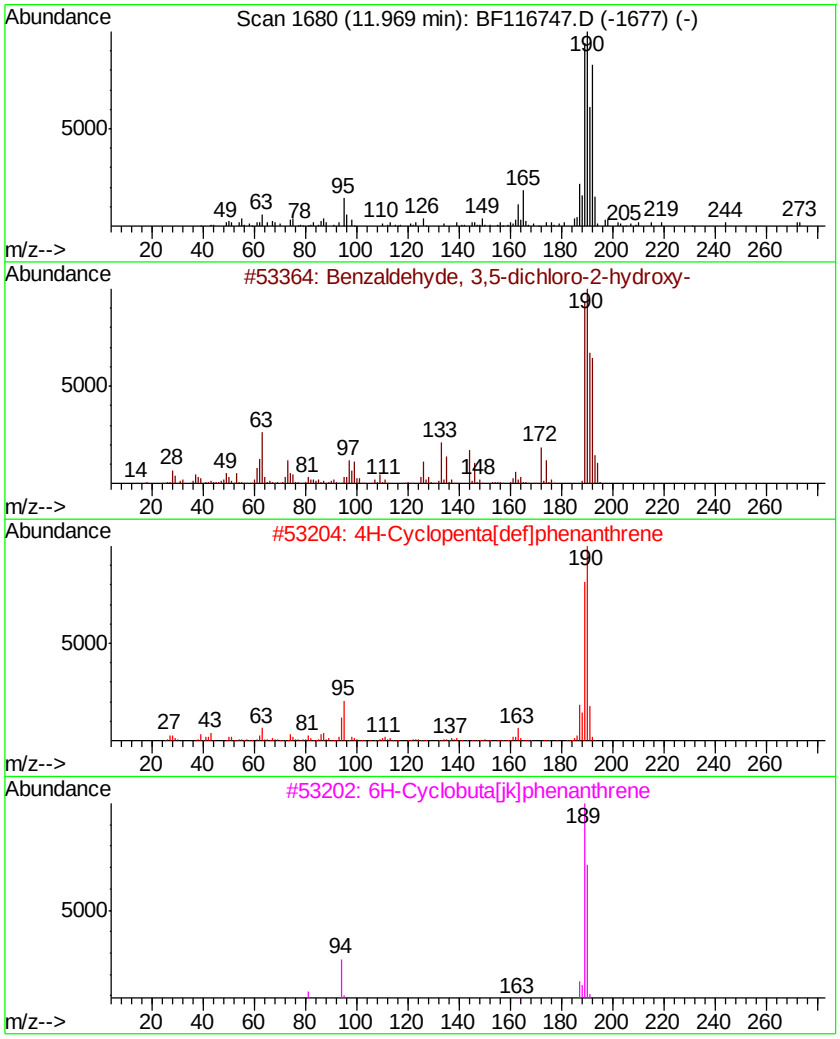
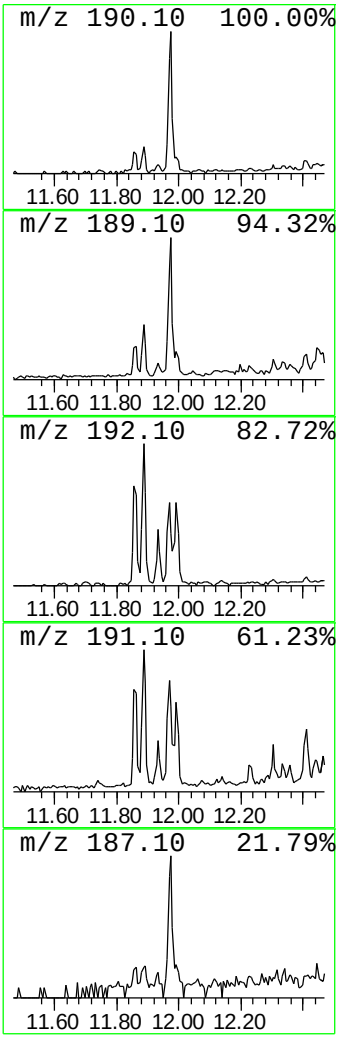
Peak Number 4 Benzaldehyde, 3,5-dichloro-... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.97	2.13 ng	106337	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	80
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	49
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	46
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	42
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	41





Library Search Compound Report

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Operator : HP/JU
Sample : K4544-10
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : T16-17-C1-C4-(0-2.25)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF083019.M
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TIC Integration Parameters: LSCINT.P

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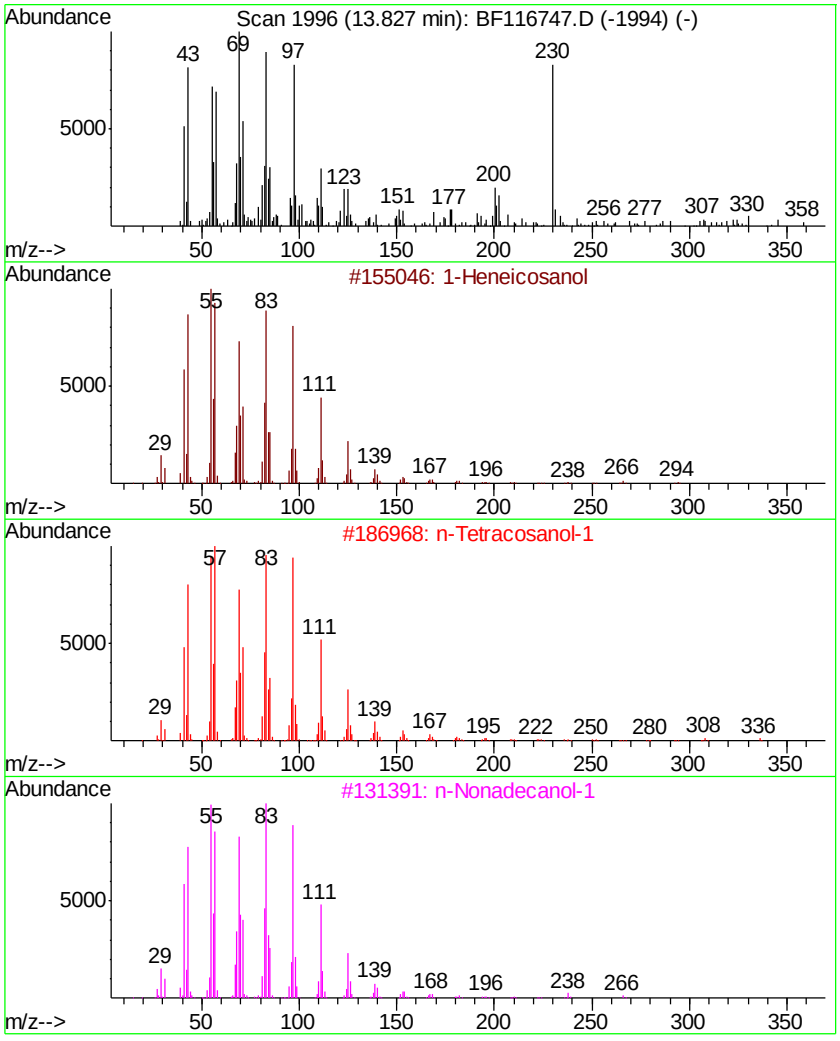
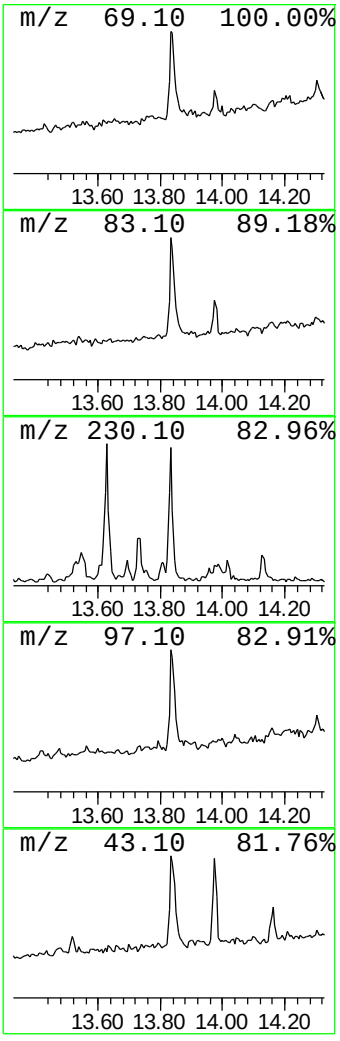
Peak Number 5 1-Heneicosanol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.83	11.41 ng	557252	Chrysene-d12	13.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosanol	312	C21H44O	015594-90-8	93
2	n-Tetracosanol-1	354	C24H50O	000506-51-4	93
3	n-Nonadecanol-1	284	C19H40O	001454-84-8	91
4	9-Tricosene, (Z)-	322	C23H46	027519-02-4	90
5	Nonadecyl trifluoroacetate	380	C21H39F3O2	1000351-76-3	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF090119\
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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	71.3	ng	1829300	1	6.85	513121	20.0
Phenanthrene, 1-m...	11.89	4.3	ng	213856	4	11.36	998412	20.0
Benzaldehyde, 3,5...	11.97	2.1	ng	106337	4	11.36	998412	20.0
1-Heneicosanol	13.83	11.4	ng	557252	5	13.99	976434	20.0