LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050118\
Data File : BF104982.D
Acq On : 1 May 2018 14:35
Operator : JU/SJ
Sample : J2615-02 10X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PLANTER-AREAS-PRECHAR

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:\HPCHEM1\BNA_F\METHODS\8270-BF040618.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	5.404	561	564	577	rBV	134488	186340	19.28%	2.050%
2	6.434	736	739	758	rBV	107321	200274	20.72%	2.204%
3	6.563	758	761	769	rVB	228057	222383	23.01%	2.447%
4	6.787	796	799	813	rVB	761749	621798	64.34%	6.842%
5	6.939	822	825	839	rVB	189250	181918	18.82%	2.002%
6	7.357	892	896	912	rBV	100894	126815	13.12%	1.395%
7	8.075	1014	1018	1035	rBV	919554	878420	90.89%	9.666%
8	9.145	1197	1200	1211	rBV	241550	257065	26.60%	2.829%
9	9.551	1265	1269	1275	rVB	15099	16535	1.71%	0.182%
10	9.828	1313	1316	1321	rBV	983389	966433	100.00%	10.634%
11	9.863	1321	1322	1327	rVB	28143	17639	1.83%	0.194%
12	10.380	1407	1410	1415	rVB	9760	10510	1.09%	0.116%
13	10.622	1448	1451	1461	rBV	130966	143264	14.82%	1.576%
14	10.727	1465	1469	1473	rBV	7661	10799	1.12%	0.119%
15	11.175	1540	1545	1548	rBV3	11418	13951	1.44%	0.154%
16	11.322	1566	1570	1572	rBV	991273	852673	88.23%	9.382%
17	11.345	1572	1574	1579	rVV	250145	208390	21.56%	2.293%
18	11.398	1579	1583	1589	rVB	41802	45794	4.74%	0.504%
19	11.563	1607	1611	1615	rBV3	10266	13737	1.42%	0.151%
20	11.827	1652	1656	1658	rBV	28086	32022	3.31%	0.352%
21	11.857	1658	1661	1666	rVV2	39773	46642	4.83%	0.513%
22	11.904	1666	1669	1671	rVV	17709	16479	1.71%	0.181%
23	11.939	1671	1675	1677	rVV	40978	47991	4.97%	0.528%
24	11.963	1677	1679	1684	rVB	21406	19405	2.01%	0.214%
25	12.122	1702	1706	1710	rBV	22535	20044	2.07%	0.221%
26	12.157	1710	1712	1716	rVV2	13758	11001	1.14%	0.121%
27	12.374	1745	1749	1751	rBV	15944	18256	1.89%	0.201%
28	12.416	1751	1756	1758	rVV4	13605	19711	2.04%	0.217%
29	12.469	1761	1765	1769	rVB2	21565	22654	2.34%	0.249%
30	12.539	1773	1777	1783	rVV	411948	347967	36.01%	3.829%
31	12.692	1797	1803	1806	rBV3	15024	19726	2.04%	0.217%
32	12.769	1810	1816	1823	rBV	300282	361964	37.45%	3.983%
33	12.821	1823	1825	1833	rVB2	20023	21953	2.27%	0.242%
34	12.910	1833	1840	1843	rBV	230839	228041	23.60%	2.509%

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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.939	1843	1845	1848	rVB2	12638	13856	1.43%	0.152%
36	12.992	1848	1854	1859	rBV3	22551	38557	3.99%	0.424%
37	13.086	1866	1870	1871	rBV4	20031	26101	2.70%	0.287%
38	13.104	1871	1873	1877	rVB	36538	41174	4.26%	0.453%
39	13.174	1882	1885	1888	rBV	23952	22480	2.33%	0.247%
40	13.216	1888	1892	1895	rBV2	30201	40261	4.17%	0.443%
41	13.310	1905	1908	1911	rVB	20516	20697	2.14%	0.228%
42	13.345	1911	1914	1920	rBV3	25879	36658	3.79%	0.403%
43	13.645	1961	1965	1968	rVB	27586	31118	3.22%	0.342%
44	13.757	1982	1984	1987	rBV	27978	28543	2.95%	0.314%
45	13.786	1987	1989	1991	rVB	24727	18836	1.95%	0.207%
46	13.816	1991	1994	1995	rBV	19790	18292	1.89%	0.201%
47	13.868	2001	2003	2008	rVB2	27897	32885	3.40%	0.362%
48	14.027	2022	2030	2033	rBV2	732074	876297	90.67%	9.642%
49	14.057	2033	2035	2039	rVB	140398	125366	12.97%	1.379%
50	14.145	2047	2050	2053	rVB	19832	18289	1.89%	0.201%
51	14.198	2057	2059	2062	rBV3	11297	16068	1.66%	0.177%
52	14.286	2072	2074	2077	rBV2	9264	10031	1.04%	0.110%
53	14.415	2094	2096	2099	rBV4	13096	13281	1.37%	0.146%
54	14.463	2099	2104	2108	rVV	29329	40210	4.16%	0.442%
55	14.498	2108	2110	2112	rBV	16229	12527	1.30%	0.138%
56	14.621	2130	2131	2136	rVB4	10760	11279	1.17%	0.124%
57	14.892	2175	2177	2179	rBV2	10893	9814	1.02%	0.108%
58	15.115	2213	2215	2217	rBV3	11341	10840	1.12%	0.119%
59	15.168	2219	2224	2227	rBV	136576	213757	22.12%	2.352%
60	15.274	2239	2242	2247	rBV	23736	35484	3.67%	0.390%
61	15.474	2272	2276	2282	rVB	76847	106205	10.99%	1.169%
62	15.533	2283	2286	2292	rVV	101578	130375	13.49%	1.435%
63	15.604	2292	2298	2310	rVV	466610	703927	72.84%	7.746%
64	16.109	2379	2384	2385	rBV5	13417	21515	2.23%	0.237%
65	17.086	2545	2550	2554	rBV2	40240	80337	8.31%	0.884%
66	17.262	2577	2580	2583	rBV4	11221	17851	1.85%	0.196%
67	17.533	2623	2626	2634	rVB	29643	56486	5.84%	0.622%

Sum of corrected areas: 9087991

LSC Report - Integrated Chromatogram

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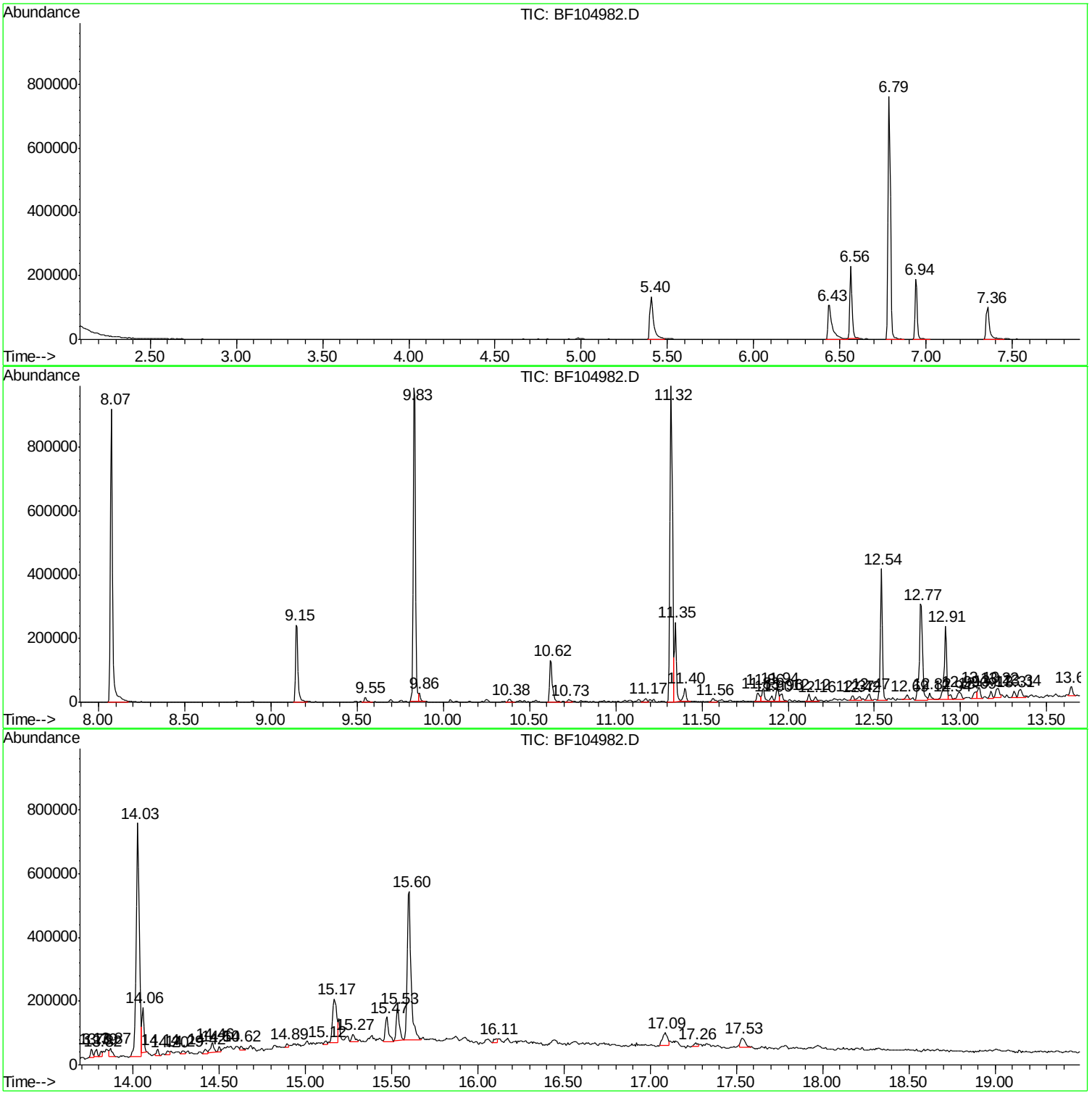
Instrument :
BNA_F
ClientSampleId :
PLANTER-AREAS-PRECHAR

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.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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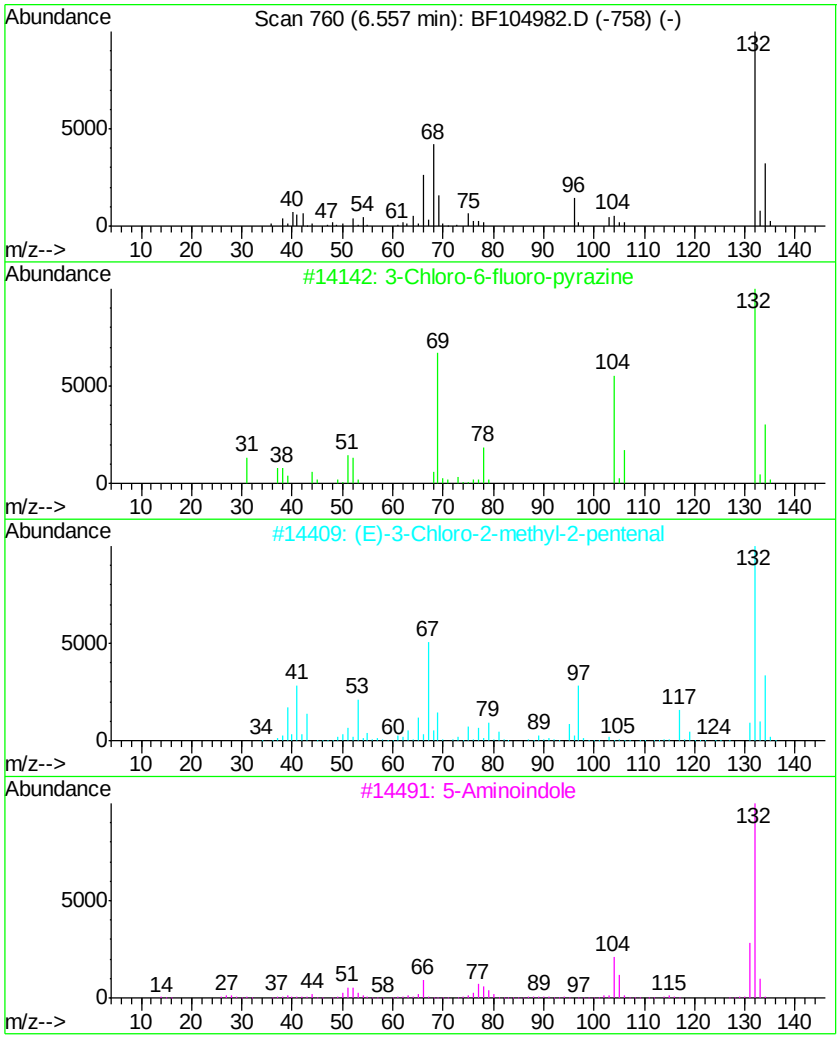
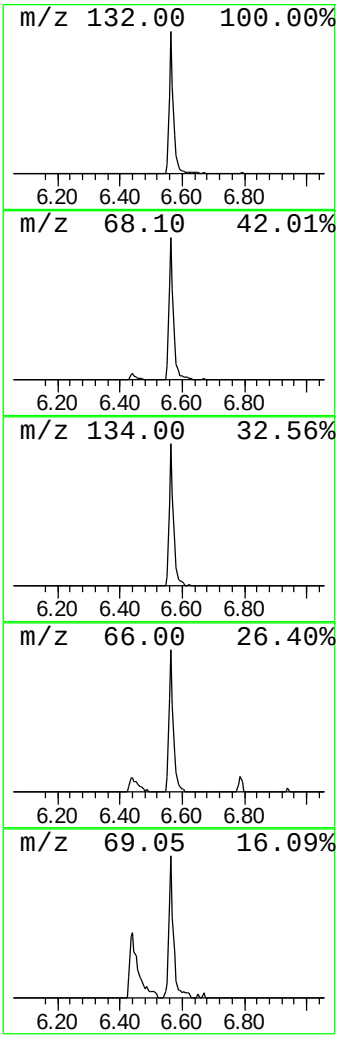
Peak Number 1 unknown6.56 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.56	7.15 ng	222383	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	25
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3	5-Aminoindole	132	C8H8N2	005192-03-0	10
4	1H-Indazole, 7-methyl-	132	C8H8N2	1000316-00-7	10
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9





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ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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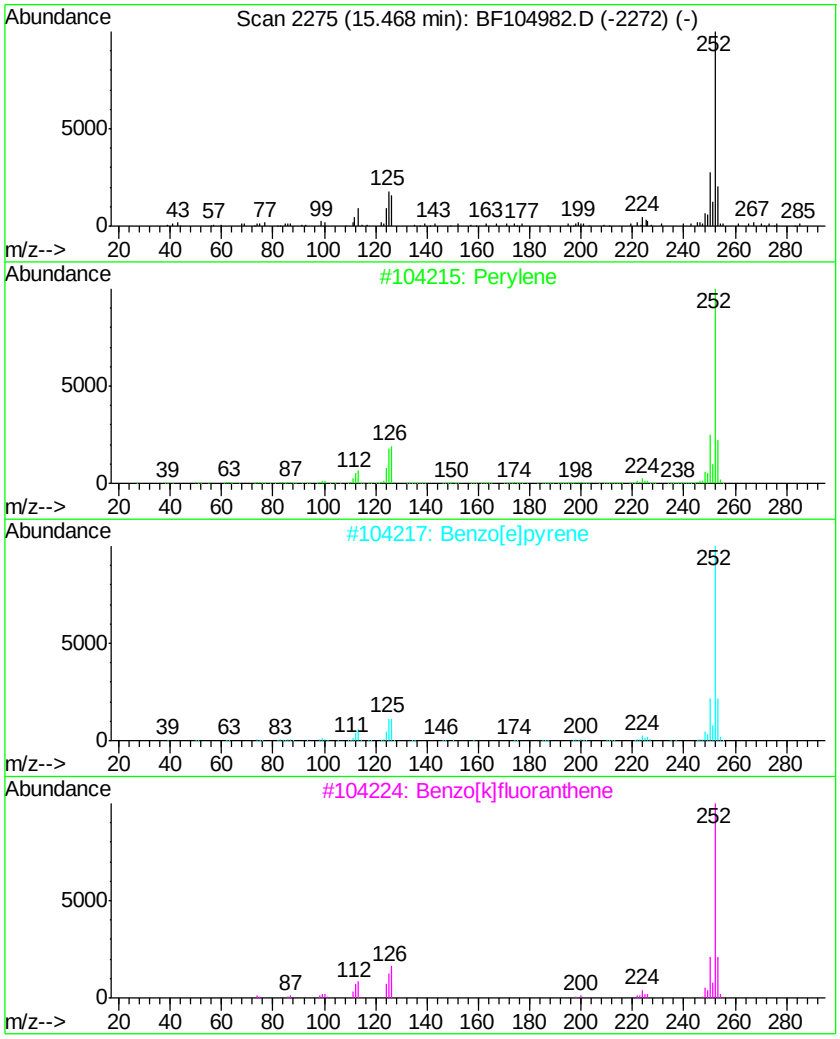
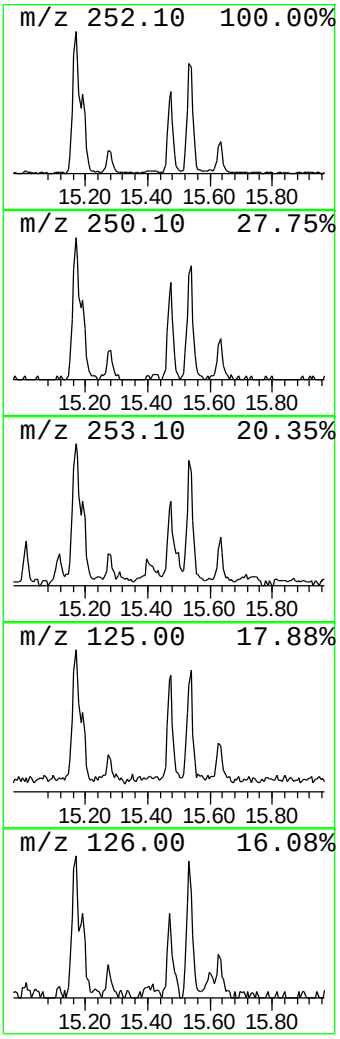
Peak Number 3 Perylene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.47	3.02 ng	106205	Perylene-d12	15.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Perylene	252	C20H12	000198-55-0	93
2	Benzo[e]pyrene	252	C20H12	000192-97-2	93
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
4	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	93
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	89





Tentatively Identified Compound (LSC) summary

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Instrument : BNA_F
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.M
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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown6.56	6.56	7.2	ng	222383	1	6.79	621798	20.0
Perylene	15.47	3.0	ng	106205	6	15.60	703927	20.0